

Appendix F

Final Air Quality Technical Report

Memorandum

To	Michael Li; Joy Navarrete; Wade Wietgreffe	• •	Pages	70 (without appendices)
CC	Courtney Pash; Victoria Lehman; Nicole Avril; Charlene Angsuco			
Subject	India Basin Mixed-Use Project Final Air Quality Technical Report			
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Date	May 26, 2017			

AECOM has prepared this air quality technical report (AQTR) for the proposed San Francisco Recreation and Parks Department (RPD) and BUILD project at India Basin (India Basin Shoreline Park [IBSP], 900 Innes, India Basin Open Space [IBOS], and 700 Innes), referred to as the proposed project. Two options for the proposed project were studied: a residential mixed-use project (Residential Project) and a maximum commercial variant (Maximum Commercial Variant). Both project options would be located along the India Basin shoreline of San Francisco Bay (Bay) in San Francisco, California.

This AQTR is required by the Environmental Planning Division of the San Francisco Planning Department (Planning Department) for compliance with the California Environmental Quality Act (CEQA) and is consistent with the 2012 Bay Area Air Quality Management District (BAAQMD) CEQA Guidelines (BAAQMD, 2012a). This AQTR describes the Residential Project and Maximum Commercial Variant, the modeling methodologies used to perform the air quality analyses for this AQTR, and the results of the analyses. Analyses performed were based on the most up-to-date information available regarding specific details of the project.

This AQTR addresses the following topics:

- **Section 1.0, “Introduction,”** describes the project understanding, existing air quality setting, and the purpose and approach of this AQTR.
- **Section 2.0, “Emissions Estimates,”** describes the methods used to estimate the emissions of criteria air pollutants, precursors, and toxic air contaminants (TACs) generated by project construction and operation. Results before and after incorporation of control measures are also provided.
- **Section 3.0, “Air Dispersion Modeling,”** describes the methods used to model pollutant dispersion and estimate contributions of project sources to pollutant concentrations. Results before and after incorporation of control measures are also provided.
- **Section 4.0, “Health Risk Analysis,”** provides an overview of the methodology for estimating potential health risks to new and existing sensitive receptors. Results before and after incorporation of control measures are also provided.
- **Section 5.0, “Uncertainties,”** discusses the uncertainties and limitations associated with the health risk analysis.
- **Section 6.0, “References,”** lists the sources cited in this AQTR.

1.0 Introduction

Project Understanding

As co-project sponsors, RPD and BUILD propose to redevelop their parcels along the India Basin shoreline of the Bay (herein referred to collectively as the “proposed project”). The proposed project would encompass publicly and privately owned parcels, including existing streets, totaling approximately 39 acres (referred to herein as the “project site”). The larger India Basin area also includes properties owned by FivePoint (formerly Lennar Urban), Pacific Gas & Electric Company (PG&E), and the Port of San Francisco.

The BUILD part of the project would develop 17.12 acres of privately owned land, plus 5.94 acres of developed and undeveloped public rights-of-way in a phased development of residential, retail, commercial, office, research and development/laboratory and clinical care space, institutional, flex space,¹ and recreational and art uses. The two project options analyzed are shown in **Table 1**: a residentially focused mixed-use development (proposed Residential Project) and a variant with fewer dwelling units and more commercial development than the proposed Residential Project (Maximum Commercial Variant). BUILD would also redevelop 6.2 acres of RPD property along the shoreline, adjacent to privately owned land, into enhanced wetlands, a boardwalk, a beach, and a pier that would accommodate hand-powered boats. In addition, the creosote piles offshore from the IBSP and 900 Innes properties would be removed.

As part of both the proposed Residential Project and the Maximum Commercial Variant, RPD would improve 8 acres of publicly owned parcels along the shoreline, plus 1.58 acres of unimproved paper streets² to create a publicly accessible network of new and/or improved parkland and open space. This new shoreline network would extend the Blue Greenway, a portion of the San Francisco Bay Trail (Bay Trail) that will ultimately connect The Embarcadero to the north to Candlestick Point to the south, and would provide pedestrian and bicycle connections to and along the shoreline, fronting the Bay.

The project site is located in the Bayview Hunters Point neighborhood and is bounded by the Bay to the north, the Candlestick Point–Hunters Point Shipyard Development Project area to the east, Innes Avenue to the south, and Hunters Point Boulevard and Hawes Street to the west. Portions of Innes Avenue adjacent to the site are included in the project boundary.

The parcels that are collectively referred to as IBSP, 900 Innes, and IBOS are owned by RPD and total 14.2 acres. The public rights-of-way (Griffith Street, Hudson Avenue, Earl Street, and Arelious Walker Drive) total 7.52 acres. The parcels that are collectively referred to as the 700 Innes property are owned by or will be acquired by BUILD and total 23.06 acres.

The approximately 39-acre project site is generally flat, with a slope toward the Bay at the northeast corner. The site's elevation is highest along Innes Avenue at approximately 50 feet above mean sea level (msl), and is lowest along the shoreline at approximately 5 feet above msl.

¹ Space that can be used for small local retail or office and residents.

² Roadways that appear on maps but have not been built.

TABLE 1
PROPOSED DEVELOPMENT PLAN

	Residential Project¹	Maximum Commercial Variant¹
Total Project Site Area ²	38.84 acres (23.06 + 14.02 + 1.58)	38.84 acres
Residential Units	1,240 units (1,240,100 gsf)	500 units (417,300 gsf)
Retail/Commercial/R&D Laboratory/Clinical Care	279,145 gsf	1,003,815 gsf
Institutional/Education	53,499 gsf	53,499 gsf
Publicly Accessible Recreation/Open Space	829,700 sq. ft. (19 acres)	829,700 sq. ft. (19 acres)
Parking Spaces	1,820	1,932
Bicycle Spaces	1,240 minimum	500 minimum
Notes: gsf = gross square feet; R&D = research and development; sq. ft. = square feet ¹ The proposed Residential Project and the Maximum Commercial Variant represent the most likely scenarios for development and are also both considered conservative for purposes of this air quality analysis based on the proposed square footage for various land uses. However, it is possible that a combination of those scenarios could be developed. ² The site area includes 17.12 acres of privately owned land, 5.94 acres of developed and undeveloped public rights-of-way, 6.2 acres of San Francisco Recreation and Parks Department property along the shoreline, 8 acres of publicly owned parcels along the shoreline, and 1.58 acres of unimproved paper streets. Source: Compiled by AECOM in 2017		

Air Quality Setting

The project site is located in the City and County of San Francisco, which is part of the San Francisco Bay Area Air Basin (SFBAAB). Air quality in the SFBAAB is regulated at the regional level by BAAQMD and at the State and federal levels by the California Air Resources Board (ARB) and U.S. Environmental Protection Agency (EPA), respectively. BAAQMD attains and maintains air quality conditions in the SFBAAB through a comprehensive program of planning, regulation, enforcement, technical innovation, and promotion of the understanding of air quality issues.

The project has the potential to generate emissions during both the construction and operational phases. In addition to emissions generated by construction equipment and vehicles, and increased vehicular traffic once the project is complete, both the Residential Project and the Maximum Commercial Variant would add new stationary emissions sources. For both scenarios, up to eight emergency generators would be added as emergency power sources for the proposed mixed-use buildings.

Criteria Air Pollutants

In accordance with the California and federal Clean Air Acts, air pollutant standards are identified for six criteria air pollutants: ozone, carbon monoxide (CO), particulate matter (PM), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and lead. These air pollutants are called “criteria air pollutants” because they are regulated by developing specific public health and welfare–based criteria as the basis for setting permissible levels.

Ozone is a secondary air pollutant produced in the atmosphere through a complex series of photochemical reactions involving reactive organic gases (ROG) and oxides of nitrogen (NO_x). Construction activities for land use development projects typically generate PM emissions. Studies

have shown that applying best management practices at construction sites substantially controls fugitive PM dust (WRAP, 2006), and individual control measures have been shown to reduce fugitive dust by anywhere from 30 to 90 percent (BAAQMD, 2009:27). Regional concentrations of CO in the SFBAAB have not exceeded State standards in the past 11 years and SO₂ concentrations have never exceeded the standards.

In general, the SFBAAB experiences low concentrations of most pollutants when compared to federal or State standards. The SFBAAB is designated as either in attainment³ or unclassified for most criteria pollutants, with the exceptions of ozone and particulate matter with an aerodynamic resistance diameter of 2.5 microns or less or 10 microns or less (PM_{2.5} and PM₁₀), which are designated as nonattainment for either the State or federal standards. By its very nature, regional air pollution is largely a cumulative impact in that no single project is large enough to result in nonattainment of air quality standards by itself. Instead, a project's individual emissions contribute to existing cumulative air quality impacts.

Toxic Air Contaminants

In addition to criteria air pollutants, EPA regulates hazardous air pollutants, also known as TACs. TACs may be emitted by stationary, area, or mobile sources. Common stationary sources of TAC emissions include gasoline stations, dry cleaners, and diesel backup generators, which are subject to the requirements of local air districts' permits. The other, often more substantial, sources of TAC emissions are motor vehicles on freeways, on high-volume roadways, or in other areas with high numbers of diesel vehicles, such as distribution centers. Off-road mobile sources are also major contributors of TAC emissions and include construction equipment, ships, and trains.

TACs collectively refer to a diverse group of air pollutants that are capable of causing chronic (i.e., long-duration) and acute (i.e., severe but short-term) adverse effects on human health, including carcinogenic effects. Human health effects of TACs include birth defects, neurological damage, cancer, and mortality. There are hundreds of different types of TACs with varying degrees of toxicity. The health risks of individual TACs vary greatly; at a given level of exposure, one TAC may pose a hazard that is many times greater than another.

TACs can be separated into carcinogens and noncarcinogens based on the nature of the effects associated with exposure to the pollutant. For regulatory purposes, carcinogens are assumed to have no safe threshold below which health impacts would not occur. Any exposure to a carcinogen poses some risk of contracting cancer. Noncarcinogens differ in that there is generally assumed to be a safe level of exposure below which no negative health impact is believed to occur. These levels are determined on a pollutant-by-pollutant basis.

Based on citywide modeling conducted in 2012,⁴ the project site had an excess cancer risk of greater than 20 in a million in the year 2014, largely because of nearby mobile sources. The project site is also projected to have an excess cancer risk of greater than 30 in a million in 2040, largely because of mobile sources from increased traffic in the area as the Hunters Point and Candlestick Point areas are redeveloped. Because this area is below the threshold of 10 micrograms per cubic meter (µg/m³) for PM_{2.5} and the 100-in-a-million excess cancer risk, it was not designated as an Air Pollutant Exposure Zone (APEZ) (SFDPH, 2016a).

³ "Attainment" status means that a region is meeting federal and/or State standards for a specified criteria pollutant.

"Nonattainment" status means that the region does not meet federal and/or State standards for a specified criteria pollutant.

"Unclassified" status means that there are not enough data to determine the region's attainment status for a specified criteria air pollutant.

⁴ In an effort to identify areas of San Francisco most adversely affected by sources of TACs, San Francisco partnered with BAAQMD to conduct a citywide health risk assessment based on an inventory and assessment of air pollution and exposures from mobile, stationary, and area sources in San Francisco. Areas with poor air quality, termed the "Air Pollutant Exposure Zone," were identified based on health-protective criteria that consider estimated cancer risk, exposures to fine PM, proximity to freeways, and locations with particularly vulnerable populations.

Air pollution does not affect every individual in the population in the same way, and some groups are more sensitive than others to adverse health effects. Land uses such as residences, schools, daycare centers, hospitals, and nursing and convalescent homes are considered most sensitive to poor air quality because the population groups associated with these uses are more susceptible to respiratory distress or, for residential receptors, their exposure time is greater than that for other land uses. Therefore, these groups are referred to as sensitive receptors. BAAQMD defines sensitive receptors as children, adults, and seniors occupying or residing in residential dwellings, schools, daycare centers, hospitals, and senior-care facilities.

The project site is adjacent to an existing residential area whose sensitive receptors were evaluated for potential air quality impacts from the proposed project. Section 3.0, "Air Dispersion Modeling," and Section 4.0, "Health Risk Analysis," provide a full description of the air quality modeling and the health risk analyses and results.

Purpose and Approach

The purpose of this air quality analysis is to assess potential impacts caused by emissions of criteria air pollutants, ozone precursors, and TACs during construction and operation of the Residential Project and the Maximum Commercial Variant. The analysis was conducted consistent with guidance and methodologies from local, regional, State, and federal agencies, including BAAQMD (2010), ARB, the Office of Environmental Health Hazard Assessment (OEHHA), and EPA. Additionally, the purpose of this AQTR is to assess the results and determine whether modeling refinements are necessary. Feasible measures to reduce project impacts (i.e., control measures) were also identified for consideration by the Planning Department's Environmental Planning Division.

Analysis Evaluation

Consistent with CEQA requirements, the analysis evaluated all of the following:

- *Short-term construction and long-term operational emissions of criteria air pollutants and precursors* associated with the proposed Residential Project and Maximum Commercial Variant.
- *Health risk and hazard impacts of construction emissions* from the Residential Project and Maximum Commercial Variant on the existing off-site receptors located within 1,000 feet of the project site and future on-site sensitive receptors. The off-site analysis specifically evaluated impacts on existing residences located at 702, 714, 718, 744, 748, 800, 820, 828, and 860 Innes Avenue; on the west side of Innes Avenue; and on Northridge Road, Cleo Rand Lane, and Griffith Street. The Hamman Hillside Cove buildings included in project Phase I would be exposed to project-generated emissions during subsequent construction phases. **Figures 1 and 2** show the locations of sensitive receptors included in the modeling for the complete Residential Project and the complete Maximum Commercial Variant, respectively. The analyses of the complete Residential Project and the complete Maximum Commercial Variant include the same off-site receptor locations, but differ in the types of future on-site receptors (e.g., residential vs. commercial).
- *Health risk and hazard impacts of operational emissions* from the Residential Project and Maximum Commercial Variant on existing off-site sensitive receptors and future on-site sensitive receptors.

Project Sources

This AQTR evaluated the following sources of air quality emissions or exposures:

- construction-related emissions associated with the Residential Project and the Maximum Commercial Variant that have the potential to affect regional air quality and local sensitive receptors; and
- operational emissions associated with the Residential Project and the Maximum Commercial Variant that have the potential to affect regional air quality and local sensitive receptors. This includes the addition of emergency generators under both the Residential Project and the Maximum Commercial Variant.

Figure 1: Sensitive Receptors Associated with the Residential Project

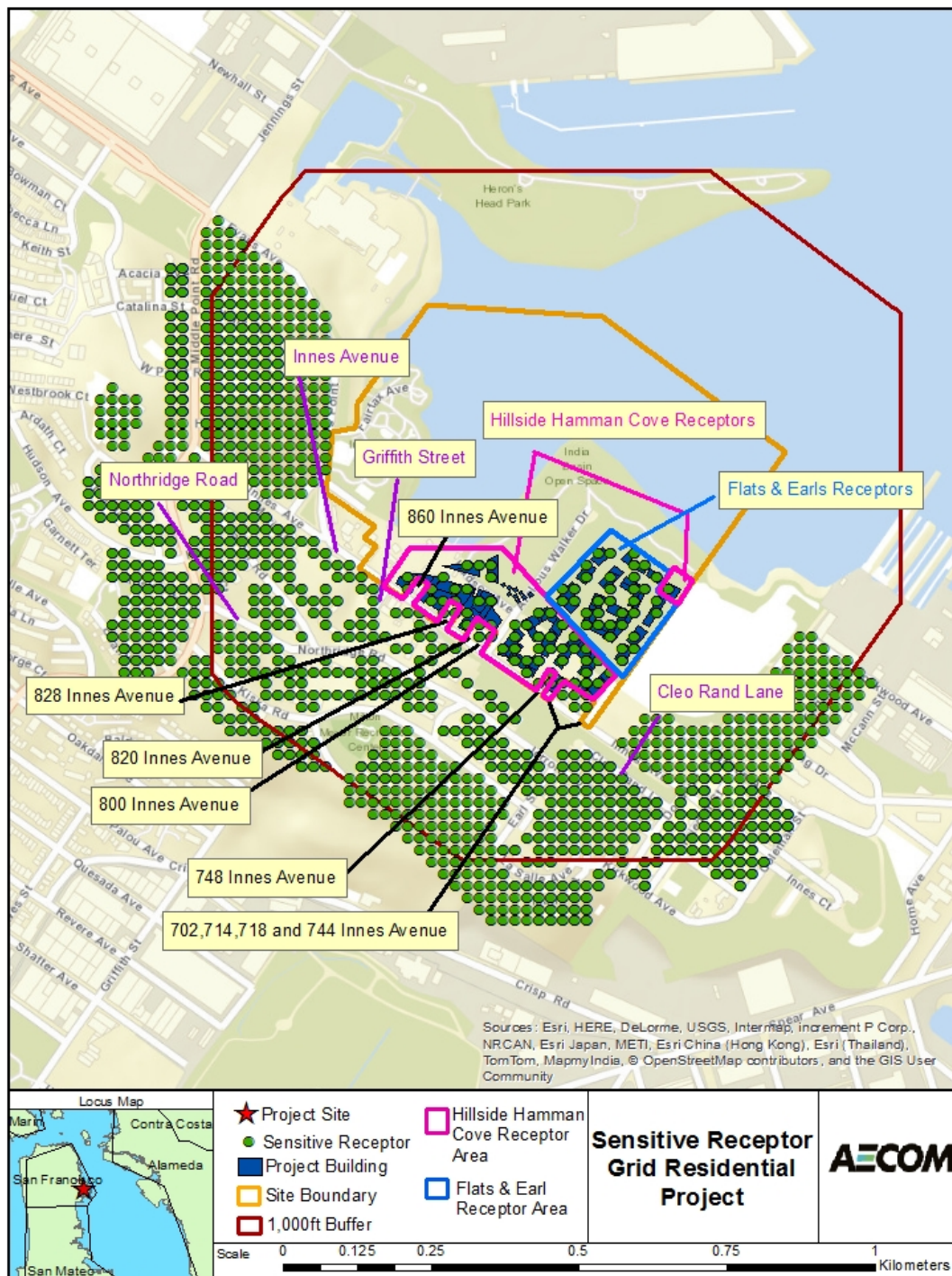
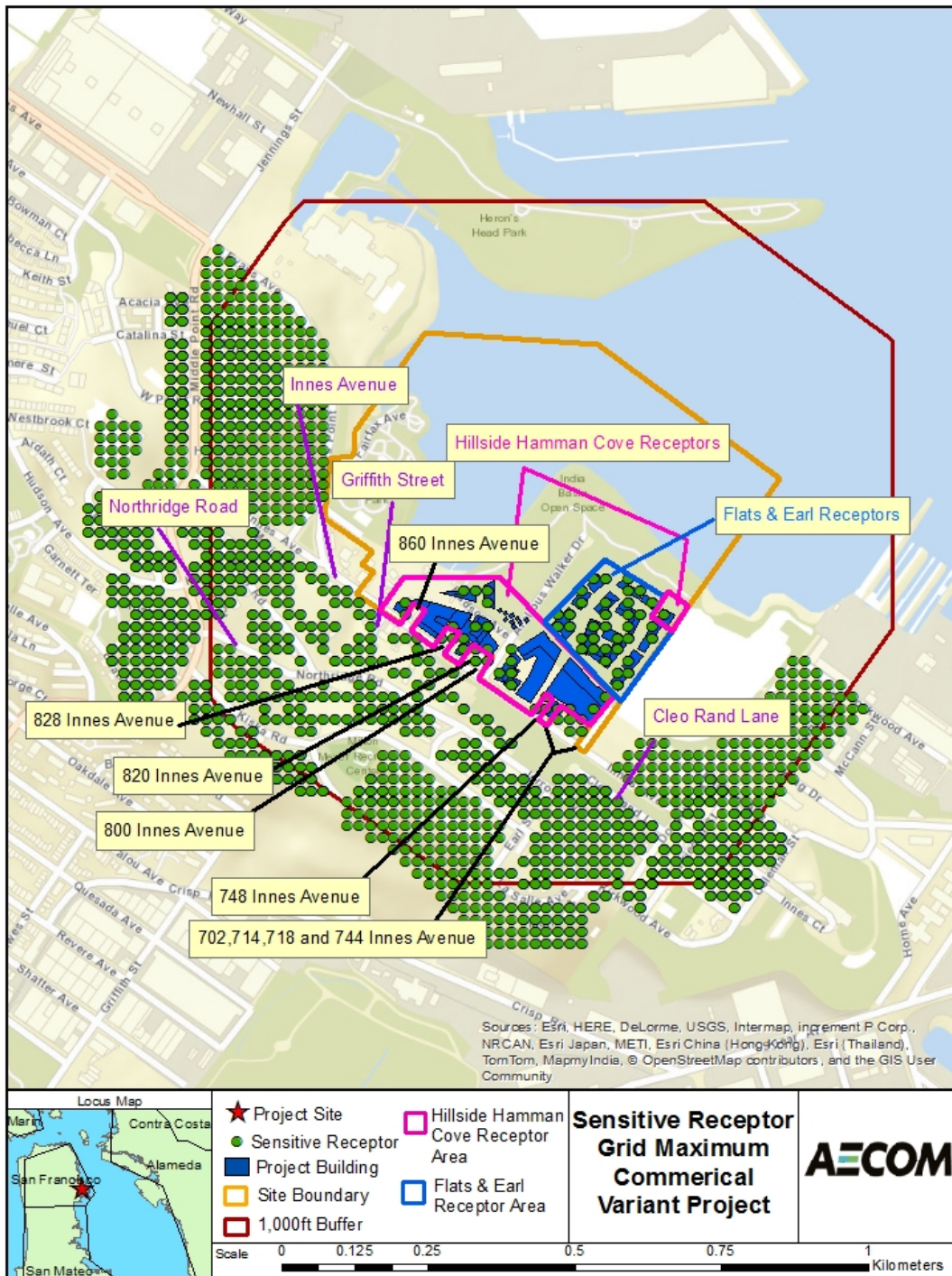


Figure 2: Sensitive Receptors Associated with the Maximum Commercial Variant



2.0 Emissions Estimates

Construction-related and operational air quality emissions associated with the Residential Project and the Maximum Commercial Variant were quantified according to guidance and methods from BAAQMD, ARB, and EPA. The process for determining the parameters and assumptions used to model these emissions, along with the modeling methods, are described in this section. Emissions were calculated for each year of construction (2018 through 2022) and full operation.

Calculation Methodologies for Construction Emission Sources

Construction under either the Residential Project or the Maximum Commercial Variant would generate emissions of criteria air pollutants, precursors, and TACs (e.g., diesel PM) from a variety of sources, including off-road construction equipment, on-road vehicles, earthmoving activities, and off-gassing from paving activities. Construction emissions are dependent on the following project information:

- schedule and duration of construction phases and subphases (e.g., site clearing, grading, excavation, building construction),
- types and sizes (site acreages and building square footages) of land uses to be developed,
- off-road construction equipment lists and activity schedules,
- volume of construction-related haul-truck traffic,
- volume of construction worker traffic,
- earthmoving activities (e.g., cut/fill, grading), and
- acres of asphalt paving.

Construction of the project is estimated to start in 2018 and take approximately 5 years to complete, with various activities occurring in a sequential manner. Total construction emissions were calculated and were converted from total tons to average pounds per day (lb/day) for each construction phase and subphase. For each month during the construction period, average lb/day for the overlapping construction phases and subphases were totaled to estimate the maximum average daily emissions for the proposed project.

Off-Road Construction Equipment

Off-road construction equipment would generate exhaust-related emissions of criteria air pollutants, precursors, and TACs. To calculate emissions, the number and types of construction equipment required for each construction phase and subphase must be identified. Other parameters needed to quantify construction equipment emissions include hours of operation per day, horsepower, and the load factor for each respective piece of equipment. Pursuant to BAAQMD's guidance, the California Emissions Estimator Model (CalEEMod) was used to estimate emissions resulting from off-road construction equipment.

CalEEMod contains emission factors from ARB's off-road equipment emissions estimator model, OFFROAD. Both EPA and the State of California have set emissions standards for new off-road equipment engines, ranging from Tier 1 to Tier 4. Tier 1 emission standards were phased in between 1996 and 2000, and Tier 4 interim and final emission standards for all new engines were phased in between 2008 and 2015. The emission factors for the engines were based on the fleet average, which includes all tier engines, for the calendar year of the analysis. Default assumptions for the parameters noted above contained in CalEEMod were used to quantify emissions. Default

assumptions typically are conservative, providing a reasonable upper boundary for potential construction emissions. The analysis performed used CalEEMod Version 2016.3.1, which was the most current version of the CalEEMod at the time of the analysis.

On-Road Vehicles

On-road construction sources include construction-worker vehicles, haul trucks, material delivery trucks, and on-site work trucks. CalEEMod was used to estimate emissions resulting from on-road vehicles (running exhaust, brake wear, tire wear, and running losses). Haul trips were estimated based on the total volume of soil imported to and exported from the project site. Default assumptions for parameters such as other vehicles, construction worker trips, trip distance, and vehicle type were obtained from CalEEMod. CalEEMod incorporates emission factors from ARB's on-road emissions inventory model, Emission FACTors (EMFAC) 2014 (EMFAC2014).

Off-Gas Emissions of Reactive Organic Gases

Asphalt paving and architectural coating activities during construction would generate off-gas ROG emissions. CalEEMod was used to estimate these off-gas ROG emissions. The data collection process determined the acres of asphalt paving required, which CalEEMod uses to determine associated ROG emissions. For architectural coatings, CalEEMod contains coating application assumptions based on the land use type and square footage of buildings to be constructed. CalEEMod assumes the total surface for painting equals 2.7 times the floor square footage for residential land uses and 2 times the square footage for nonresidential land uses.

In-Water Work

On the IBSP property and in the northwest corner of the IBOS property, a barge may be required for removal and construction of the piers in deeper waters. Air pollutant emissions associated with tugboats, workboats, and other waterborne vessels were quantified using ARB's Harbor Craft Emissions Inventory Database. Hours of operation per day, horsepower, and load factor for each respective piece of equipment were provided by RPD.

SUMMARY OF CONSTRUCTION-RELATED CRITERIA POLLUTANT EMISSIONS

Table 2 presents the sum of the average daily emissions for all properties and construction phases for the Residential Project. **Tables 3** through **6** show average daily construction emissions per construction year for the project properties in the Residential Project. **Table 7** presents the sum of the average daily emissions for all properties and construction phases for the Maximum Commercial Variant. **Tables 8** through **11** show average daily construction emissions per construction year for the Maximum Commercial Variant and the project properties. **Appendix A** contains more detailed information on the emissions estimates and results.

Table 2. Residential Project: Average Daily Construction Emissions (lb/day)

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	37.8	215.7	4.3	4.0
2019	41.2	245.0	5.8	5.4
2020	54.0	140.8	5.7	5.3
2021	50.9	109.0	4.5	4.2
2022	18.3	39.0	1.7	1.6
Maximum Average Daily Construction Emissions (lb/day)	54.0	245.0	5.8	5.4
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

**Table 3. Residential Project—India Basin Shoreline Park:
Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	3.2	31.8	1.2	1.1
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	3.2	31.8	1.2	1.1
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

Table 4. Residential Project—900 Innes: Average Daily Construction Emissions (lb/day)

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	3.4	29.4	1.5	1.4
2020	0.0	0.0	0.0	0.0
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	3.4	29.4	1.5	1.4
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

**Table 5. Residential Project—India Basin Open Space:
Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	1.9	17.1	0.9	0.9
2021	1.9	17.1	0.9	0.9
2022	1.8	14.5	0.7	0.7
Maximum Average Daily Construction Emissions (lb/day)	1.9	17.1	0.9	0.9
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

Table 6. Residential Project—700 Innes: Average Daily Construction Emissions (lb/day)

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	37.8	215.7	4.3	4.0
2019	37.8	215.7	4.3	4.0
2020	48.9	91.5	3.5	3.3
2021	48.9	91.5	3.5	3.3
2022	16.5	24.5	1.0	0.9
Maximum Average Daily Construction Emissions (lb/day)	48.9	215.7	4.3	4.0
Notes: NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

Table 7. Maximum Commercial Variant: Average Daily Construction Emissions (lb/day)

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	33.0	218.8	4.3	4.0
2019	36.4	248.2	5.8	5.4
2020	53.5	150.1	6.0	5.6
2021	50.4	118.4	4.8	4.5
2022	22.6	45.1	2.0	1.9
Maximum Average Daily Construction Emissions (lb/day)	53.5	248.2	6.0	5.6
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

**Table 8. Maximum Commercial Variant—India Basin Shoreline Park:
Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	3.2	31.8	1.2	1.1
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	3.2	31.8	1.2	1.1
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

**Table 9. Maximum Commercial Variant—900 Innes:
Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	3.4	29.4	1.5	1.4
2020	0.0	0.0	0.0	0.0
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	3.4	29.4	1.5	1.4
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

**Table 10. Maximum Commercial Variant—India Basin Open Space:
Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	1.9	17.1	0.9	0.9
2021	1.9	17.1	0.9	0.9
2022	1.8	14.5	0.7	0.7
Maximum Average Daily Construction Emissions (lb/day)	1.9	17.1	0.9	0.9
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

**Table 11. Maximum Commercial Variant—700 Innes:
Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	33.0	218.8	4.3	4.0
2019	33.0	218.8	4.3	4.0
2020	48.4	100.8	3.8	3.6
2021	48.4	100.8	3.8	3.6
2022	20.8	30.7	1.3	1.2
Maximum Average Daily Construction Emissions (lb/day)	48.4	218.8	4.3	4.0
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Source: Compiled by AECOM in 2017				

As shown in **Table 2**, the Residential Project would generate maximum average daily emissions of approximately 41.2 pounds (lb) of ROG, 245.0 lb of oxides of nitrogen (NO_x), 5.8 lb of PM₁₀, and 5.4 lb of PM_{2.5}. As shown in **Table 7**, the Maximum Commercial Variant would generate maximum average daily emissions of approximately 36.4 lb of ROG, 248.2 lb of NO_x, 4.5 lb of PM₁₀, and 4.1 lb of PM_{2.5}.

A controlled scenario was analyzed to reduce construction-related emissions. EPA estimates that implementing the federal Tier 4 final engine standards for off-road construction equipment would reduce NO_x and PM emissions more than 90 percent compared to Tier 1, 2, and 3 engines (SCAQMD, 2014).

Tables 12 through 21 summarize the controlled lb/day emissions for each project site property, with summaries of the emissions for the entire project site provided in Tables 12 and 17. **Table 12**

represents the sum of the controlled average daily emissions for all project site properties and construction phases for the Residential Project. **Tables 13 through 16** present average daily construction emissions per construction year for the project properties in the Residential Project. **Table 17** represents the sum of the controlled average daily emissions for all properties and construction phases for the Maximum Commercial Variant. **Tables 18 through 21** present average daily construction emissions per construction year for the Maximum Commercial Variant and the project properties.

Table 12. Residential Project: Controlled Average Daily Construction Emissions (lb/day)

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	31.7	145.7	0.8	0.7
2019	32.4	149.7	0.9	0.8
2020	45.2	53.6	0.5	0.5
2021	44.0	41.6	0.4	0.4
2022	15.3	12.2	0.1	0.1
Maximum Average Daily Construction Emissions (lb/day)	45.2	149.7	0.9	0.8
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 13. Residential Project—India Basin Shoreline Park:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	1.3	12.1	0.1	0.1
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	1.3	12.1	0.1	0.1
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 14. Residential Project—900 Innes:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.7	4.0	0.1	0.1
2020	0.0	0.0	0.0	0.0
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	0.7	4.0	0.1	0.1
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 15. Residential Project—India Basin Open Space:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	0.4	2.0	0.0	0.0
2021	0.4	3.4	0.0	0.0
2022	0.4	3.4	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	0.4	3.4	0.0	0.0
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 16. Residential Project—700 Innes:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	31.7	145.7	0.8	0.7
2019	31.7	145.7	0.8	0.7
2020	43.5	39.1	0.3	0.3
2021	43.5	39.1	0.3	0.3
2022	14.9	8.8	0.1	0.1
Maximum Average Daily Construction Emissions (lb/day)	43.5	145.7	0.8	0.7
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM_{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 17. Maximum Commercial Variant:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	27.0	149.3	0.8	0.7
2019	27.7	153.3	0.9	0.8
2020	40.6	57.3	0.5	0.5
2021	39.3	45.2	0.4	0.4
2022	15.3	12.3	0.1	0.1
Maximum Average Daily Construction Emissions (lb/day)	40.6	153.3	0.9	0.8
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM_{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 18. Maximum Commercial Variant—India Basin Shoreline Park:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	1.3	12.1	0.1	0.1
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	1.3	12.1	0.1	0.1
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM_{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 19. Maximum Commercial Variant—900 Innes:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.7	4.0	0.1	0.1
2020	0.0	0.0	0.0	0.0
2021	0.0	0.0	0.0	0.0
2022	0.0	0.0	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	0.7	4.0	0.1	0.1
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM_{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 20. Maximum Commercial Variant—India Basin Open Space:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0
2020	0.4	2.0	0.0	0.0
2021	0.4	3.4	0.0	0.0
2022	0.4	3.4	0.0	0.0
Maximum Average Daily Construction Emissions (lb/day)	0.4	3.4	0.0	0.0
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

**Table 21. Maximum Commercial Variant—700 Innes:
Controlled Average Daily Construction Emissions (lb/day)**

Construction Year/Phase	ROG	NOx	PM ₁₀ (exhaust)	PM _{2.5} (exhaust)
2018	27.0	149.3	0.8	0.7
2019	27.0	149.3	0.8	0.7
2020	38.8	42.8	0.4	0.3
2021	38.8	42.8	0.4	0.3
2022	14.9	8.9	0.1	0.1
Maximum Average Daily Construction Emissions (lb/day)	38.8	149.3	0.8	0.7
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Maximum average daily emissions represent the greatest emissions that would occur over the entire construction period based on the overlapping construction phases and subphases. Assumes off-road equipment would have Tier 4 Final engines. Source: Compiled by AECOM in 2017				

Calculation Methodologies for Operational Emission Sources

After construction of the Residential Project or the Maximum Commercial Variant, long-term operations would generate emissions of criteria air pollutants, precursors, and TACs (i.e., diesel PM) from a variety of stationary, area, and mobile sources.

Stationary Sources

AECOM assumes that under either project option, emergency generators would be installed and used in residential and commercial buildings. These emergency generators would generate emissions of criteria pollutants and TACs. Based on information provided by RPD and BUILD, AECOM assumes

that the Residential Project and the Maximum Commercial Variant would utilize up to eight emergency generators (stacks). There would be four locations per option, with each location containing two emergency generators. **Figures 3 and 4** show the proposed locations of the emergency generators under the proposed Residential Project and the Maximum Commercial Variant, respectively.

Table 22 details the proposed size and manufacturer of each emergency generator under each project scenario. AECOM used emission factors and methods prescribed by ARB and EPA (e.g., AP-42, Compilation of Air Pollutant Emission Factors) to estimate emissions from these sources. Each emergency generator is assumed to meet a minimum of Tier 2 emission standards (before control measures) when they are installed in 2019–2020, and to comply with BAAQMD Regulation 2, Rule 5, New Source Review for Toxic Air Contaminants. Each emergency generator is assumed to comply with BAAQMD testing limits of no more than 50 hours per year.

Table 22
Proposed Emergency Generators

Unit	Residential Project	Maximum Commercial Variant
Emergency Generator 1	500 hp	600 hp
Emergency Generator 2	500 hp	600 hp
Emergency Generator 3	300 hp	300 hp
Emergency Generator 4	300 hp	300 hp
Emergency Generator 5	500 hp	600 hp
Emergency Generator 6	500 hp	600 hp
Emergency Generator 7	300 hp	300 hp
Emergency Generator 8	300 hp	300 hp
Total	3,200 hp	3,600 hp
Note: hp = horsepower		
Source: Compiled by AECOM in 2017.		

Area Sources

CalEEMod Version 2016.3.1 was used to estimate long-term operational area-source emissions of criteria pollutants and precursors under both scenarios. Area-source emissions include consumer products, landscape maintenance equipment, and natural gas combustion. Emissions from landscape maintenance equipment and natural gas combustion were estimated using CalEEMod default values based on the size and type of land uses to be developed. Based on consultation between the Planning Department's Environmental Planning Division and BAAQMD (Wietgreffe, pers. comm., 2014), emissions from consumer products were estimated using an ROG emissions factor of 0.0000151 lb per sq. ft.-day. This emission factor is based on San Francisco ROG emissions data and land use data.

Mobile Sources

Mobile-source emissions under each project scenario were calculated using vehicle miles traveled (VMT) results from CalEEMod and then compared with the daily per capita VMT estimates from the Transportation Impact Study prepared for the project (San Francisco, 2017). The CalEEMod emissions estimates account for variation in the number of trips for weekend travel, where the

Transportation Impact Study output estimate is a weekday trip estimate. In addition, CalEEMod appropriately assigns trips and VMT to the correct proposed land uses (including the recreational and school uses) and property, whereas the Transportation Impact Study VMT estimates are based on an overall summary of residential, office, and retail land uses only. The annualized Transportation Impact Study VMT estimates are lower than the CalEEMod-estimated VMT but are within a reasonable range of using different models, therefore using the CalEEMod-estimated VMT for the emissions estimates is the conservative approach that this AQTR has utilized. As described for construction on-road vehicles, CalEEMod Version 2016.3.1 incorporates EMFAC2014 mobile-source emission factors.

Figure 3: Locations of Emergency Generators Associated with the Residential Project



Figure 4: Locations of Emergency Generators Associated with the Maximum Commercial Variant



SUMMARY OF OPERATIONAL CRITERIA POLLUTANT EMISSIONS

Tables 23 and **24** present daily operational emissions associated with the Residential Project and the Maximum Commercial Variant, respectively. **Tables 25** through **30** summarize the PM_{2.5} and TAC emissions used in the dispersion modeling analyses. **Appendix A** contains more detailed information on the emissions estimates and results.

Table 23. Residential Project: Operational Emissions (lb/day)

	ROG	NOx	PM ₁₀	PM _{2.5}
Area	63.05	0.94	3.37	3.37
Energy	0.56	4.88	0.39	0.39
Mobile	14.21	49.69	31.30	8.72
Stationary	0.97	6.69	0.15	0.15
Waste	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00
Average Daily Emissions (lb/day)	78.79	62.21	35.20	12.62
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Source: Compiled by AECOM in 2017.				

Table 24. Maximum Commercial Variant: Operational Emissions (lb/day)

	ROG	NOx	PM ₁₀	PM _{2.5}
Area	50.97	0.38	1.36	1.36
Energy	0.71	6.37	0.49	0.49
Mobile	25.30	83.20	43.23	12.15
Stationary	1.06	7.30	0.16	0.16
Waste	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00
Average Daily Emissions (lb/day)	78.04	97.25	45.24	14.15
Notes: lb/day = pounds per day; NOx = oxides of nitrogen; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; PM ₁₀ = particulate matter with aerodynamic diameter less than 10 microns; ROG = reactive organic gases Source: Compiled by AECOM in 2017.				

**Table 25. Total Operational PM_{2.5} Annual Emissions—2021 and 2022
(Residential Project)**

Sources	Tier 2 PM _{2.5} Exhaust (tpy)	Tier 4 PM _{2.5} Total (tpy)
Emergency Generator 1	0.003	0.0003
Emergency Generator 2	0.003	0.0003
Emergency Generator 3	0.002	0.0002
Emergency Generator 5	0.003	0.0003
Emergency Generator 6	0.003	0.0003
Emergency Generator 7	0.002	0.0002
Notes: PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; tpy = tons per year Six of eight generators would be operational when Phase 1 is completed. Source: Compiled by AECOM in 2017.		

**Table 26. Total Operational PM_{2.5} Annual Emissions—2021 and 2022
(Maximum Commercial Variant)**

Sources	Tier 2 PM _{2.5} Exhaust (tpy)	Tier 4 PM _{2.5} Total (tpy)
Emergency Generator 1	0.004	0.0004
Emergency Generator 2	0.004	0.0004
Emergency Generator 3	0.002	0.0002
Emergency Generator 5	0.004	0.0004
Emergency Generator 6	0.004	0.0004
Emergency Generator 7	0.002	0.0002
Notes: PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; tpy = tons per year Six of eight generators would be operational when Phase 1 is completed. Source: Compiled by AECOM in 2017.		

Table 27. Total Operational PM_{2.5} Annual Emissions—Residential Project

Sources	PM _{2.5} Brake Wear and Tire Wear (tpy)	Tier 2 PM _{2.5} Exhaust (tpy)	Tier 2 PM _{2.5} Total (tpy)	Tier 4 PM _{2.5} Exhaust (tpy)	Tier 4 PM _{2.5} Total (tpy)
Emergency Generator 1	—	0.003	0.003	0.0003	0.0003
Emergency Generator 2	—	0.003	0.003	0.0003	0.0003
Emergency Generator 3	—	0.002	0.002	0.0002	0.0002
Emergency Generator 4	—	0.002	0.002	0.0002	0.0002
Emergency Generator 5	—	0.003	0.003	0.0003	0.0003
Emergency Generator 6	—	0.003	0.003	0.0003	0.0003
Emergency Generator 7	—	0.002	0.002	0.0002	0.0002
Emergency Generator 8	—	0.002	0.002	0.0002	0.0002
Roads	0.307	0.015	0.322	0.015	0.322
Notes: PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; tpy = tons per year Source: Compiled by AECOM in 2017.					

Table 28. Total Operational PM_{2.5} Annual Emissions—Maximum Commercial Variant

Sources	PM _{2.5} Brake Wear and Tire Wear (tpy)	Tier 2 PM _{2.5} Exhaust (tpy)	Tier 2 PM _{2.5} Total (tpy)	Tier 4 PM _{2.5} Exhaust (tpy)	Tier 4 PM _{2.5} Total (tpy)
Emergency Generator 1	—	0.004	0.004	0.0004	0.0004
Emergency Generator 2	—	0.004	0.004	0.0004	0.0004
Emergency Generator 3	—	0.002	0.002	0.0002	0.0002
Emergency Generator 4	—	0.002	0.002	0.0002	0.0002
Emergency Generator 5	—	0.004	0.004	0.0004	0.0004
Emergency Generator 6	—	0.004	0.004	0.0004	0.0004
Emergency Generator 7	—	0.002	0.002	0.0002	0.0002
Emergency Generator 8	—	0.002	0.002	0.0002	0.0002
Roads	0.463	0.028	0.491	0.028	0.491
Notes: PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; tpy = tons per year Source: Compiled by AECOM in 2017.					

**Table 29. Total Operational Annual Emissions of Toxic Air Contaminants—
Residential Project**

Sources	ROG (lb/yr)	Tier 2 Engine Diesel PM (lb/yr)	Tier 4 Engine Diesel PM (lb/yr)
Emergency Generator 1	—	6.035	0.6035
Emergency Generator 2	—	6.035	0.6035
Emergency Generator 3	—	3.621	0.3621
Emergency Generator 4	—	3.621	0.3621
Emergency Generator 5	—	6.035	0.6035
Emergency Generator 6	—	6.035	0.6035
Emergency Generator 7	—	3.621	0.3621
Emergency Generator 8	—	3.621	0.3621
Roads	980.48	1.98	1.98
Notes: lb/yr = pounds per year; PM = particulate matter; ROG = reactive organic gases Source: Compiled by AECOM in 2017.			

**Table 30. Total Operational Annual Emissions of Toxic Air Contaminants—
Maximum Commercial Variant**

Sources	ROG (lb/yr)	Tier 2 Engine Diesel PM (lb/yr)	Tier 4 Engine Diesel PM (lb/yr)
Emergency Generator 1	—	7.242	0.7242
Emergency Generator 2	—	7.242	0.7242
Emergency Generator 3	—	3.621	0.3621
Emergency Generator 4	—	3.621	0.3621
Emergency Generator 5	—	7.242	0.7242
Emergency Generator 6	—	7.242	0.7242
Emergency Generator 7	—	3.621	0.3621
Emergency Generator 8	—	3.621	0.3621
Roads	1910.1	3.238	3.238
Notes: lb/yr = pounds per year; PM = particulate matter; ROG = reactive organic gases Source: Compiled by AECOM in 2017.			

3.0 Air Dispersion Modeling

Consistent with the Community Risk Reduction Plan (CRRP) health risk assessment (HRA), the air toxics analysis evaluated health risks and PM_{2.5} concentrations imposed by the Residential Project and the Maximum Commercial Variant on the surrounding community per year of construction and under full operational conditions. The American Meteorological Society/EPA Regulatory Model (AERMOD) dispersion model (Version 16216) was used to estimate pollutant concentrations at specific distances from emission sources using 1 year (2008) of hourly meteorological data from the Mission Bay station, consistent with the CRRP-HRA.

Terrain elevations were obtained from commercially available digital terrain elevations developed by the U.S. Geological Survey by using its National Elevation Dataset (NED). The NED data provide terrain elevations with 1-meter vertical resolution and 10-meter (1/3 arc-second) horizontal resolution based on a Universal Transverse Mercator (UTM) coordinate system. The U.S. Geological Survey specifies coordinates in North American Datum 83, UTM Zone 10. Lakes Environmental software was used to process the NED data and assign elevations to the receptor locations and sources.

Receptor Locations

Receptor locations for on-site and off-site receptors under the Residential Project and the Maximum Commercial Variant are shown in **Figures 1** and **2**, respectively. The receptors were assigned a flagpole height of 1.8 meters for the ground-level residences; for each floor in the multilevel residential locations, 3 meters were added to this flagpole height to represent each floor above ground level. Consistent with the CRRP-HRA, a grid of receptors with 20-meter spacing was modeled for submittal to the Planning Department's Environmental Planning Division for updating the CRRP geodatabase. This grid matches what was used for the CRRP-HRA over the proposed project site and surrounding area. Further information regarding exposure scenarios evaluated for these receptor locations is provided in **Section 4.0**, "Health Risk Analysis."

Construction Sources

Off-road construction equipment was represented by area sources. The locations of the area sources vary by construction phase. Excavation and rough and fine grading were represented by an area source of the same footprint as the project site. For construction of the project buildings, multiple area sources were located over areas of the project site where buildings are proposed to be built in 2018 through 2022. To account for potential turbulent mixing that can occur with exhaust releases by construction equipment, an initial vertical dimension of 1.4 meters for each area source was used consistent with the CRRP-HRA.

On-road emissions from construction worker vehicles, haul trucks, material delivery trucks, and on-site work trucks traveling to and from the project site were modeled as adjacent volume sources. To be consistent with the CRRP-HRA, the release height of these sources was set to 2 meters and the initial vertical dimension was set to 2.3 meters. The initial lateral dimensions vary depending on roadway width. Based on consultation with Fehr & Peers, the route modeled for the on-road traffic extended from the project site to the northwest along Innes Avenue to Hunters Point Boulevard and Evans Avenue. On-road traffic within 1,000 feet of the project site was modeled. **Figure 5** illustrates the on-road vehicle route modeled for project construction. The modeling parameters for the area and roadway sources are summarized in **Appendix B**.

Construction is anticipated to occur Monday through Saturday from 7 a.m. to 8 p.m. (4,056 hours per year); therefore, those hours were modeled in AERMOD using the EMISFACT HRDOW keywords. For the Residential Project and the Maximum Commercial Variant, this includes construction diesel PM and PM_{2.5} emissions.

Figure 5: On-Road Vehicle Route (Construction Phase)



Operational Sources

Under both the Residential Project and the Maximum Commercial Variant, operational emission sources evaluated in the dispersion modeling included on-road vehicles and emergency generators. AECOM modeled the on-road emissions from operational vehicles associated with the project site as adjacent volume sources. To be consistent with the CRRP-HRA, the release height of these sources was set to 2 meters and the initial vertical dimension was set to 2.3 meters. The initial lateral dimensions vary depending on roadway width. Project-generated on-road traffic within 1,000 feet of the project site was modeled. The source parameters are summarized in **Appendix B**. Based on consultation with Fehr & Peers, the route modeled for the on-road traffic extended from the project site west to Jennings Street, south to Kiska Road/Kirkwood Avenue, and east to Coleman Street. **Figure 6** illustrates the on-road vehicles routes modeled for project operation. AECOM used the EMFAC Gasoline Total Organic Gases Speciation to model TACs from nondiesel vehicles as shown in **Table 31**.

Table 31
Proposed EMFAC Gasoline Total Organic Gases Speciation

Toxic Compounds	EMFAC Gasoline TOG Speciation
	(% of TOG)
Acetaldehyde	0.28%
Acrolein	0.13%
Benzene	2.47%
1,3-Butadiene	0.55%
Ethylbenzene	1.05%
Formaldehyde	1.58%
Hexane	1.60%
Methanol	0.12%
Methyl Ethyl Ketone	0.02%
Naphthalene	0.05%
Propylene	3.06%
Styrene	0.12%
Toluene	5.76%
Xylenes	4.80%
Notes: EMFAC = Emission FACTors; TOG = total organic gases Source: BAAQMD, 2012c.	

Figure 6: On-Road Vehicle Routes (Operational Phase)



AECOM assumed that operational emissions under either project scenario would include the operation of up to eight emergency generators. These sources were modeled as point sources, with stack height equal to 1 meter above the nearest building height. Other stack parameters include the values presented in **Table 32**, consistent with the CRRP-HRA.

Table 32
Proposed Emergency Generator Default Stack Parameters

Stack Parameter	Default Value
Stack Height ¹	1 m above nearest building height
Stack Diameter ²	0.183 m (0.6 ft)
Stack Temperature ²	739.8°K (872°F)
Stack Velocity ²	45.33 m/sec (8,923 ft/min)
Notes: °F = degrees Fahrenheit; °K = degrees Kelvin; ft = feet; ft/min = feet per minute; m = meter; m/sec = meters per second	
¹ Source: Compiled by AECOM in 2016	
² Source: SFDPH, 2012	

For each variant, a total PM_{2.5} concentration was estimated by adding these project contributions to the CRRP background concentrations. This was evaluated using the CRRP existing (2014) and future-year (2040) background impacts.

Concurrent Nearby Construction Projects. The nearby PG&E Hunters Point Shoreline Area Cleanup is more than 95 percent complete as of November 2016, and the area is being used for small events under the NOW Hunters Point program. Future uses have yet to be determined and were not assessed as part of this analysis. The Hunters Point Shipyard Phase 1 and 2 redevelopment will include residential units at the corner of Innes Avenue and Donahue Street, as well as the Hillside area (Navy Road/Block 48), and along Donahue Street (Block 55E) toward the Bay. The portion of Block 48 located within 1,000 feet of the proposed project is scheduled to be completed in May 2017 (Phase 1A) and December 2017 (Phase 1B). Additional construction in Block 48 would be beyond 1,000 feet of the proposed project. Block 1 and a portion of Block 55E will be located within 1,000 feet of the proposed project and, as of November 2016, had yet to be built. It is anticipated that construction may overlap with the proposed project. Under Hunters Point Shipyard Phase 2, Northside Park Parcels 1 and 2, HP-01, 2, and 3 will all be built during Major Phase 1 during 2017 through 2022 and would overlap with the proposed project. Environ conducted an air quality assessment as part of an update to that environmental impact report (EIR) in 2013. Ramboll Environ provided electronic files associated with the Hunters Point Phase 1 and 2 construction modeling. AECOM added the annual PM_{2.5} values calculated in those analyses to the equivalent receptors for each overlapping construction year associated with the proposed project.

DISPERSION MODELING RESULTS

Results of the annual PM_{2.5} modeling analysis using the uncontrolled emissions are summarized in **Tables 33 through 35**. Isopleth (concentration) maps for the Existing PM_{2.5} Conditions (CRRP-HRA [2012, 2016b]), Baseline Conditions (Existing conditions plus the Hunters Point construction impacts), and the Project Conditions for the 2019 construction year (the year of greatest construction impact) are presented in **Figures 7 through 10**. For years 2018 through 2020, the maximum concentrations due to uncontrolled construction emissions are located at off-site receptors. For the years 2021 and 2022, the maximum concentrations due to uncontrolled construction emissions are located at on-site receptors in Hamman Hillside Cove that would be occupied after Phase I is complete. For the

operations scenario, the maximum modeled concentration is located at an on-site receptor. **Figures 11 and 12** show the Baseline plus Project Conditions for the 2019 construction year.

Table 33. Maximum Project Conditions (Uncontrolled) Modeled PM_{2.5} Annual Concentrations

Year	X (UTM)	Y (UTM)	Residential Project (µg/m ³)	X (UTM)	Y (UTM)	Maximum Commercial Variant (µg/m ³)
2018 ¹	555120	4176220	1.4	555120	4176220	1.3
2019 ²	555100	4176220	2.5	555100	4176220	2.2
2020 ³	555100	4176220	1.4	555100	4176220	1.1
2021 ^{4,5}	555480	4176260	1.1	555480	4176260	1.1
2022 ^{4,5}	555480	4176260	0.5	555480	4176260	0.5
Operations ⁶	555180	4176200	1.6	555180	4176200	2.4

Notes: µg/m³ = micrograms per cubic meter; UTM = Universal Transverse Mercator

- Maximum concentrations attributable primarily to grading (50%) and 700 Innes uncontrolled construction sources at an off-site receptor.
- Maximum concentrations attributable primarily to 700 Innes uncontrolled construction sources (75%) at an off-site receptor.
- Maximum concentrations attributable primarily to 700 Innes (80%) uncontrolled construction sources at an off-site receptor.
- Maximum concentrations attributable primarily to 700 Innes (90%) uncontrolled construction sources at an on-site receptor.
- Assumes six of the eight emergency generators (Tier 2) would be operating after the completion of Phase 1 construction.
- Maximum concentrations attributable to vehicle traffic at on-site receptor.

Source: Compiled by AECOM in 2017.

Table 34. Baseline Plus Project Conditions (Uncontrolled) Maximum Modeled Construction PM_{2.5} Annual Concentrations

Year	Residential Project (µg/m ³)	Maximum Commercial Variant (µg/m ³)
Existing Conditions (CRRP-HRA [2014]) ¹	8.2	8.2
Project Construction ²	2.5	2.2
Concurrent Projects ³	0.2	0.2
Total PM _{2.5}	10.8	10.6

Notes: µg/m³ = micrograms per cubic meter; CRRP = Community Risk Reduction Plan; HRA = health risk assessment; PM_{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; UTM = Universal Transverse Mercator

- Community Risk Reduction Plan health risk assessment for Year 2014 (Existing Conditions).
- Based on 2019 construction PM_{2.5} annual concentrations using uncontrolled construction equipment at an off-site receptor. Receptor location: X (UTM) = 555100, Y (UTM) = 4176220.
- Concurrent construction projects at Hunters Point and Candlestick Point areas.

Source: Compiled by AECOM in 2017.

**Table 35. Cumulative Plus Project Conditions
(Uncontrolled) Maximum Modeled PM_{2.5} Annual Concentrations**

Year	Residential Project ($\mu\text{g}/\text{m}^3$)	Maximum Commercial Variant ($\mu\text{g}/\text{m}^3$)
Cumulative Conditions (CRRP-HRA [2040]) ¹	8.3	8.3
Project Operations ²	1.6	2.4
Cumulative PM _{2.5} Total	9.9	10.7
Notes: $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter; CRRP = Community Risk Reduction Plan; HRA = health risk assessment; PM _{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; UTM = Universal Transverse Mercator ¹ . Community Risk Reduction Plan health risk assessment for Year 2040 (Cumulative Conditions). Includes Hunters Point and Candlestick Point area project traffic. ² . Maximum concentrations attributable to vehicle traffic (tire and brake wear) at an on- site receptor. Receptor location: X (UTM) = 555200, Y (UTM) = 4176160. Source: Compiled by AECOM in 2017.		

BAAQMD regulates backup emergency generators, fire pumps, and other sources of TACs through its New Source Review (Regulation 2, Rule 5) permitting process. Although emergency generators are intended to be used only during power outages, each generator must be tested monthly. However, BAAQMD limits testing to no more than 50 hours per year. It is assumed in this analysis that the backup diesel generators would meet or exceed the emission standards for Tier 4—certified engines. **Table 36** shows the results of the project-conditions PM_{2.5} modeling analysis using all control measures cited in Section 2.0. The years 2018 and 2019 include most of the haul truck trips associated with the project. The results of cumulative plus project conditions modeling did not change with the addition of control measures (Tier 4 engines for the emergency generators), as this impact is attributable to vehicle traffic (~94% from tire and brake wear and ~6% from vehicle exhaust based on EMFAC2014 emission factors). **Figures 13** and **14** show the Baseline plus Project Conditions for the 2019 construction year using control measures.

Figures 15 through 17 show the Cumulative Conditions (CRRP-HRA Year 2040) PM_{2.5} concentrations in the project area and the Cumulative plus Project Conditions.

Table 36. Maximum Project Conditions (Controlled) Modeled PM_{2.5} Annual Concentrations

Year	X (UTM)	Y (UTM)	Residential Project (µg/m ³)	X (UTM)	Y (UTM)	Maximum Commercial Variant (µg/m ³)
2018 ¹	555100	4176220	0.5	555100	4176220	0.5
2019 ²	555100	4176220	1.1	555100	4176220	1.0
2020 ³	554880	4176440	0.8	554880	4176440	0.6
2021 ^{4,5}	554880	4176440	0.3	554880	4176440	0.3
2022 ^{4,5}	554880	4176440	0.2	554880	4176440	0.2
Operations ⁶	555180	4176200	1.6	555180	4176200	2.4
Notes: µg/m³ = micrograms per cubic meter; CRRP = Community Risk Reduction Plan; HRA = health risk assessment; PM_{2.5} = particulate matter with aerodynamic diameter less than 2.5 microns; UTM = Universal Transverse Mercator 1. Maximum concentrations attributable primarily to grading (50%) and 700 Innes construction sources/haul truck trips (Tier 4 final off-road engines) at an off-site receptor. 2. Maximum concentrations attributable primarily to 700 Innes construction sources/haul truck trips (75%) (Tier 4 final off-road engines) at an off-site receptor. 3. Maximum concentrations attributable primarily to 700 Innes (80%) construction sources/haul truck trips (Tier 4 final off-road engines) at an off-site receptor. 4. Maximum concentrations attributable primarily to 700 Innes (90%) construction sources (Tier 4 final off-road engines) at an off-site receptor. 5. Assumes six of the eight emergency generators (Tier 2) would be operating after the completion of Phase 1 construction. Assumes Tier 4 diesel engines for the emergency generators. 6. Maximum concentrations attributable to vehicle traffic at on-site receptor. 7. Assumes Tier 4 diesel engines for the emergency generators. Source: Compiled by AECOM in 2017.						

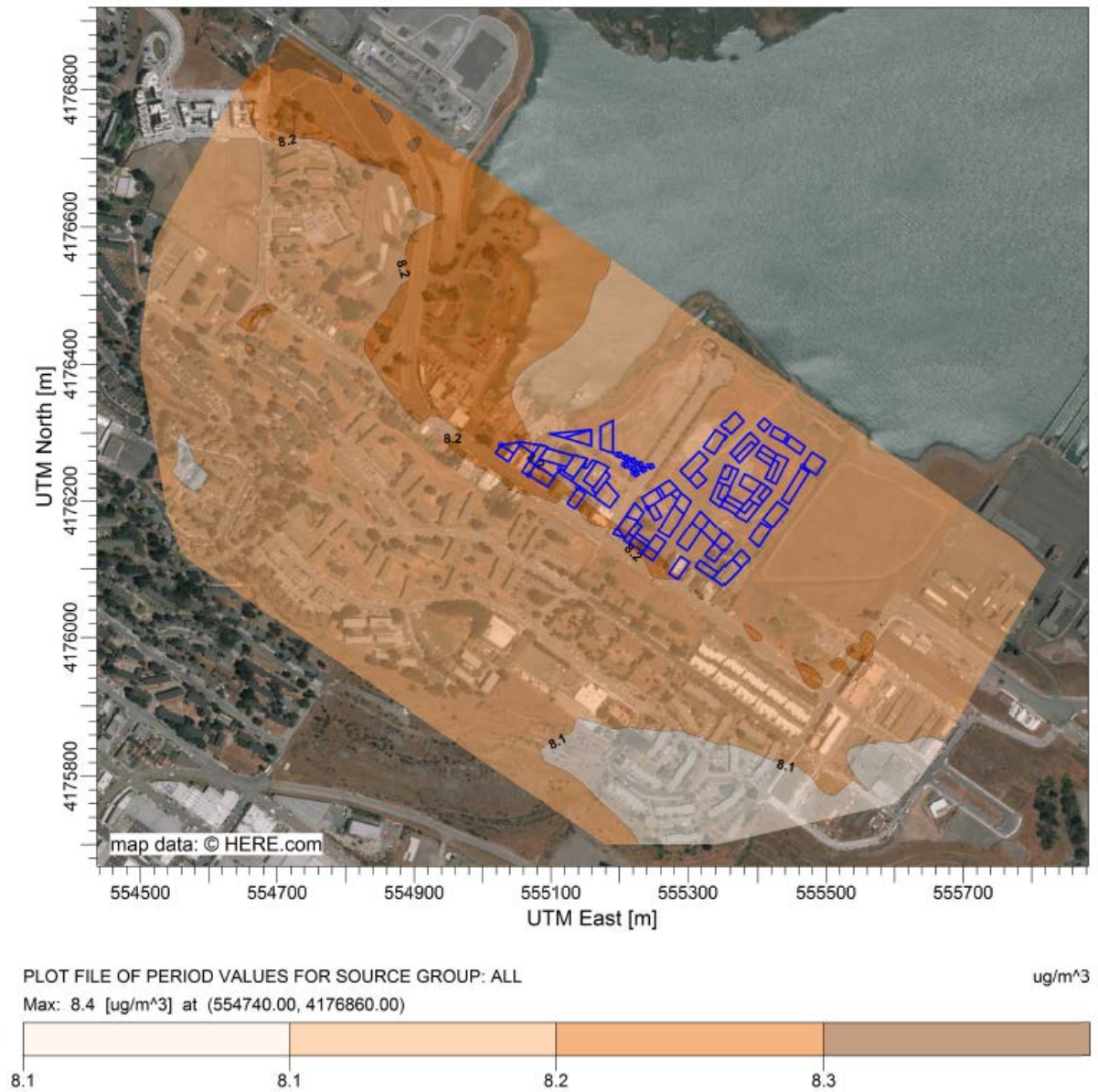
Figure 7: Existing Conditions (CRRP-HRA [2014]) PM_{2.5} Annual Concentrations

Figure 8: Baseline Conditions (CRRP-HRA [2014] plus Hunters Point) Maximum Modeled $PM_{2.5}$ Annual Concentrations

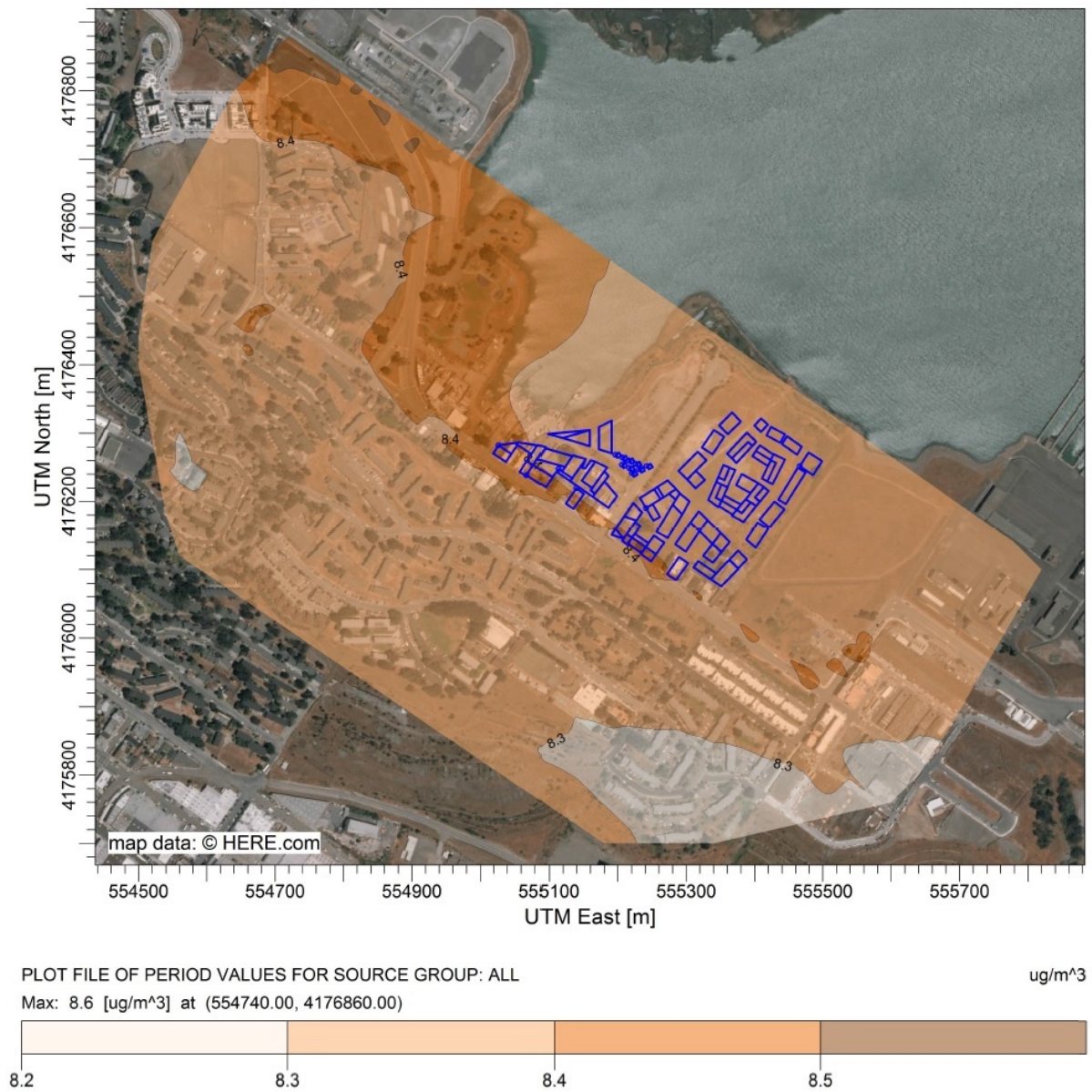


Figure 9: Residential Project Conditions (Uncontrolled) Maximum Modeled PM_{2.5} Annual Concentrations for 2019 Construction Year

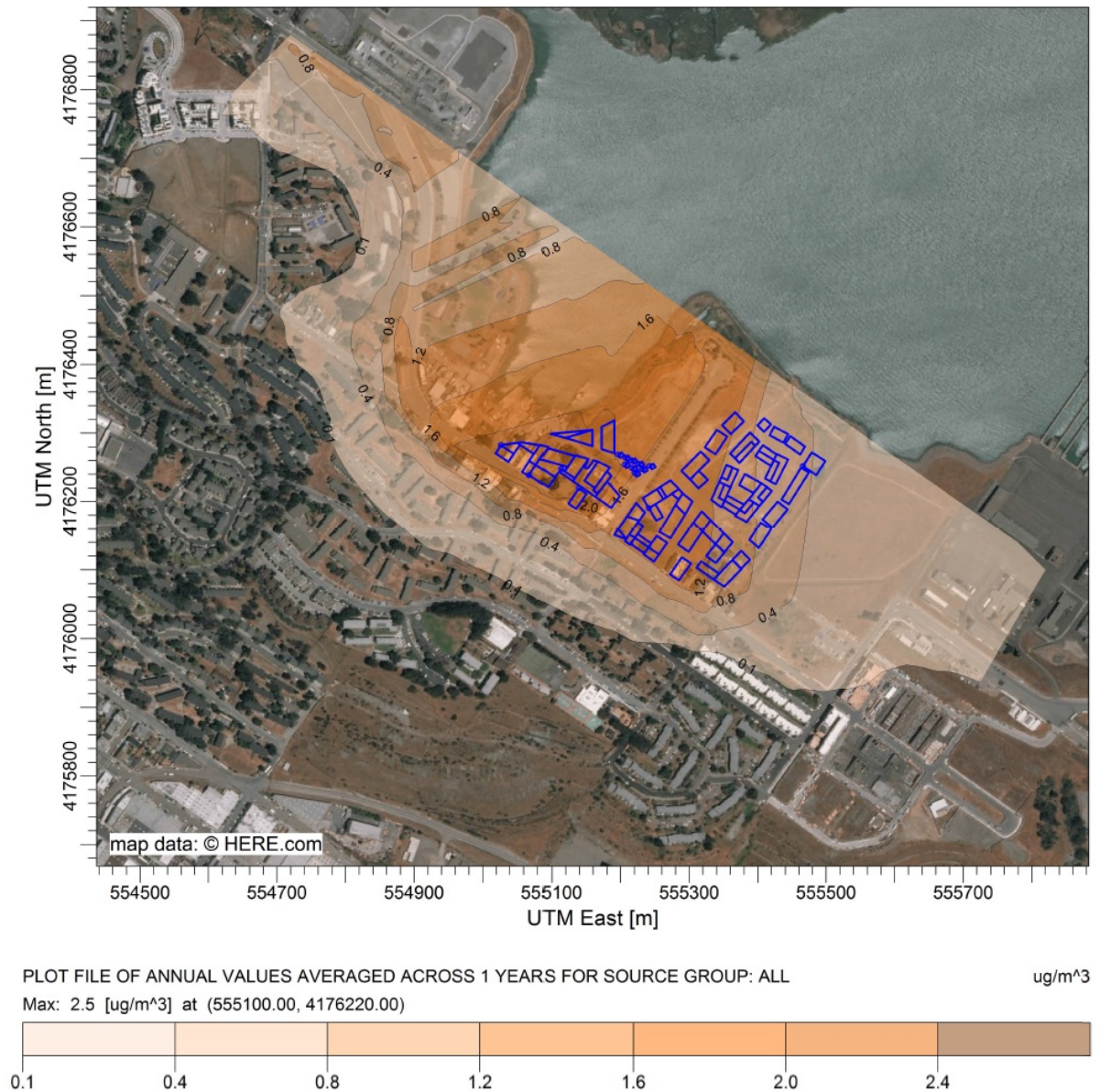


Figure 10: Maximum Commercial Variant Project Conditions (Uncontrolled) Maximum Modeled PM_{2.5} Annual Concentrations for 2019 Construction Year

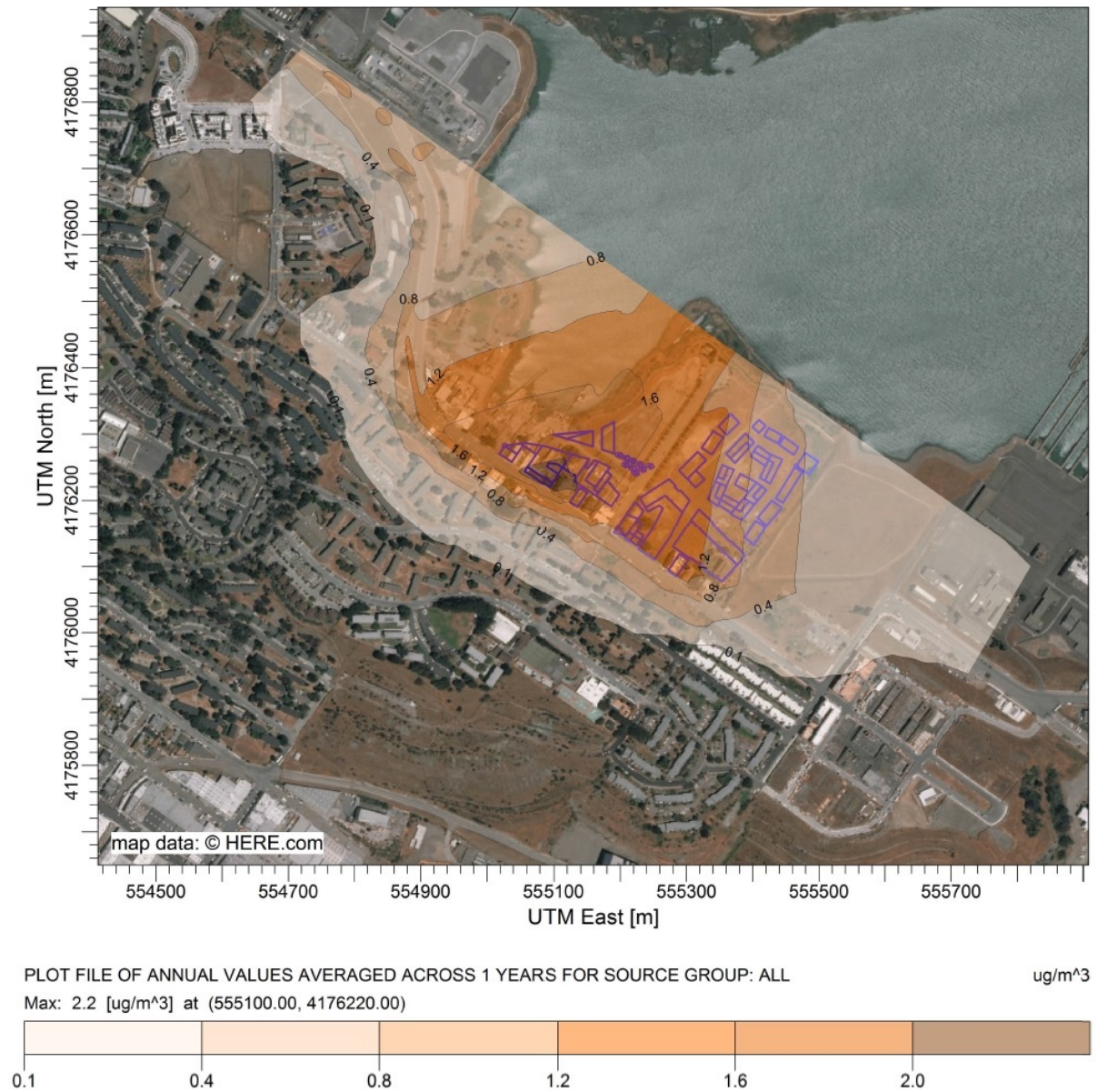


Figure 11: Baseline plus Residential Project (Uncontrolled) Maximum Modeled PM_{2.5} Annual Concentrations for 2019 Construction Year

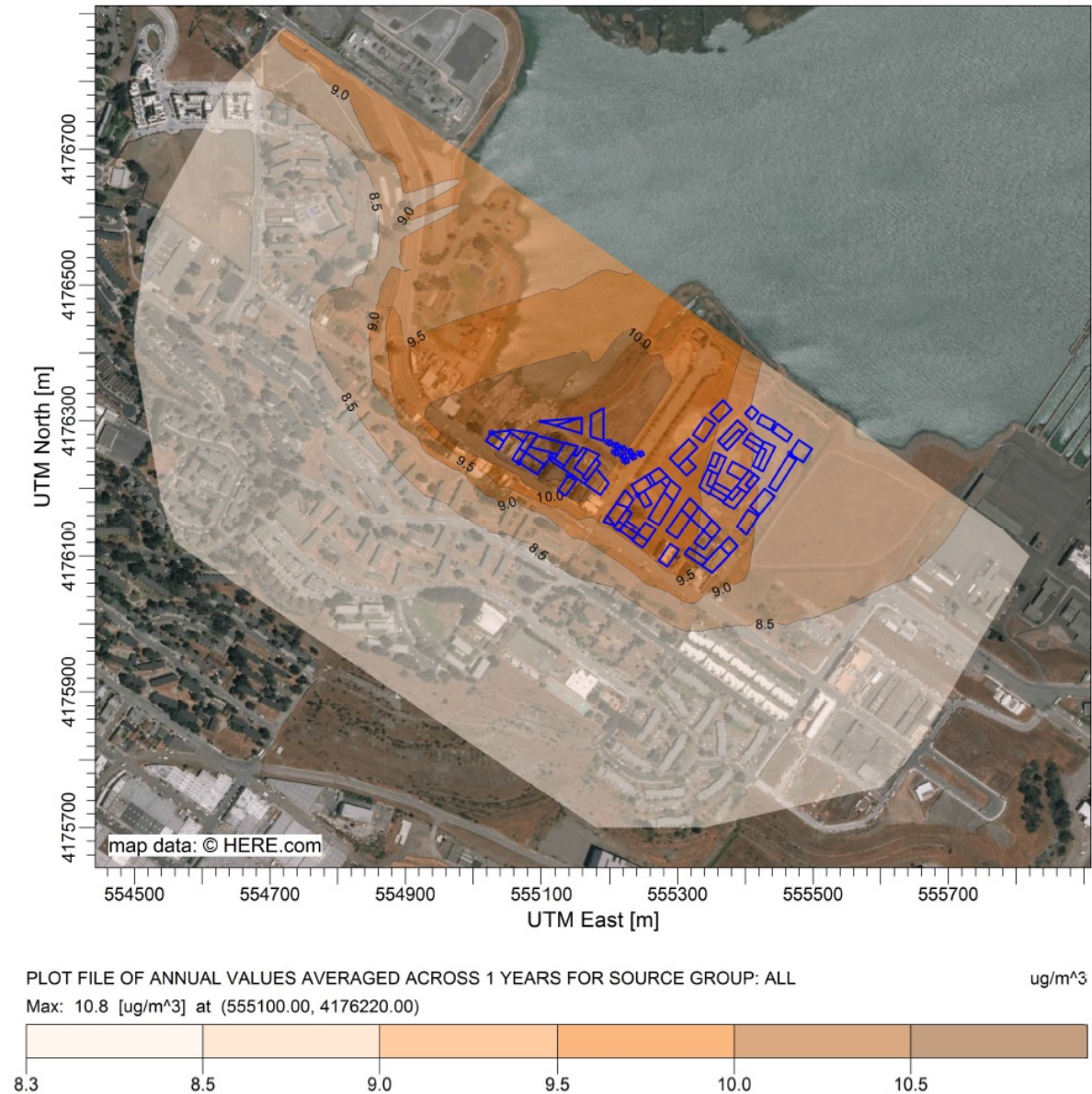


Figure 12: Baseline Plus Maximum (Uncontrolled) Commercial Variant Maximum Modeled PM_{2.5} Annual Concentrations for 2019 Construction Year

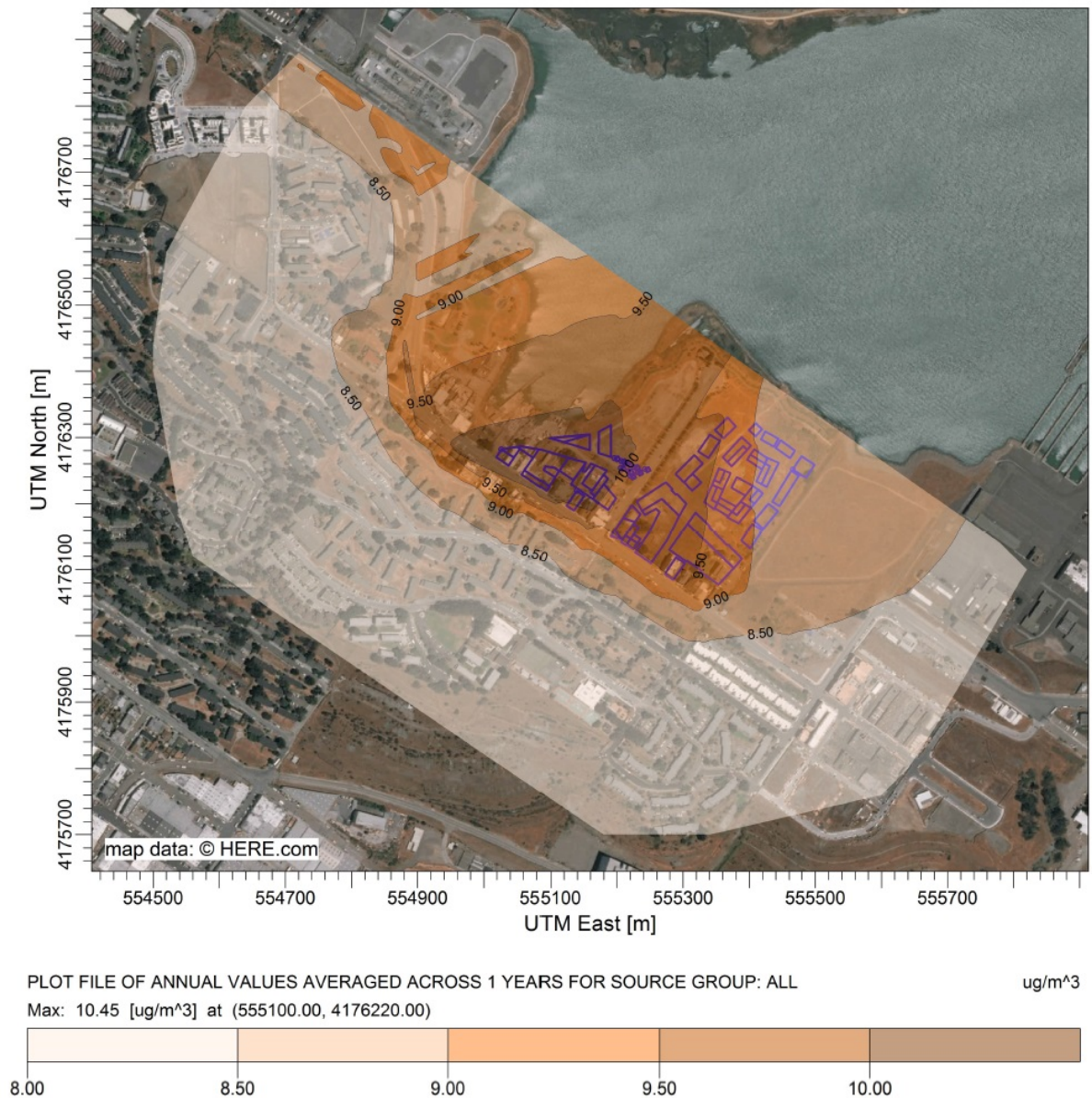


Figure 13: Baseline plus Residential Project Maximum (Controlled) Modeled PM_{2.5} Annual Concentrations for 2019 Construction Year

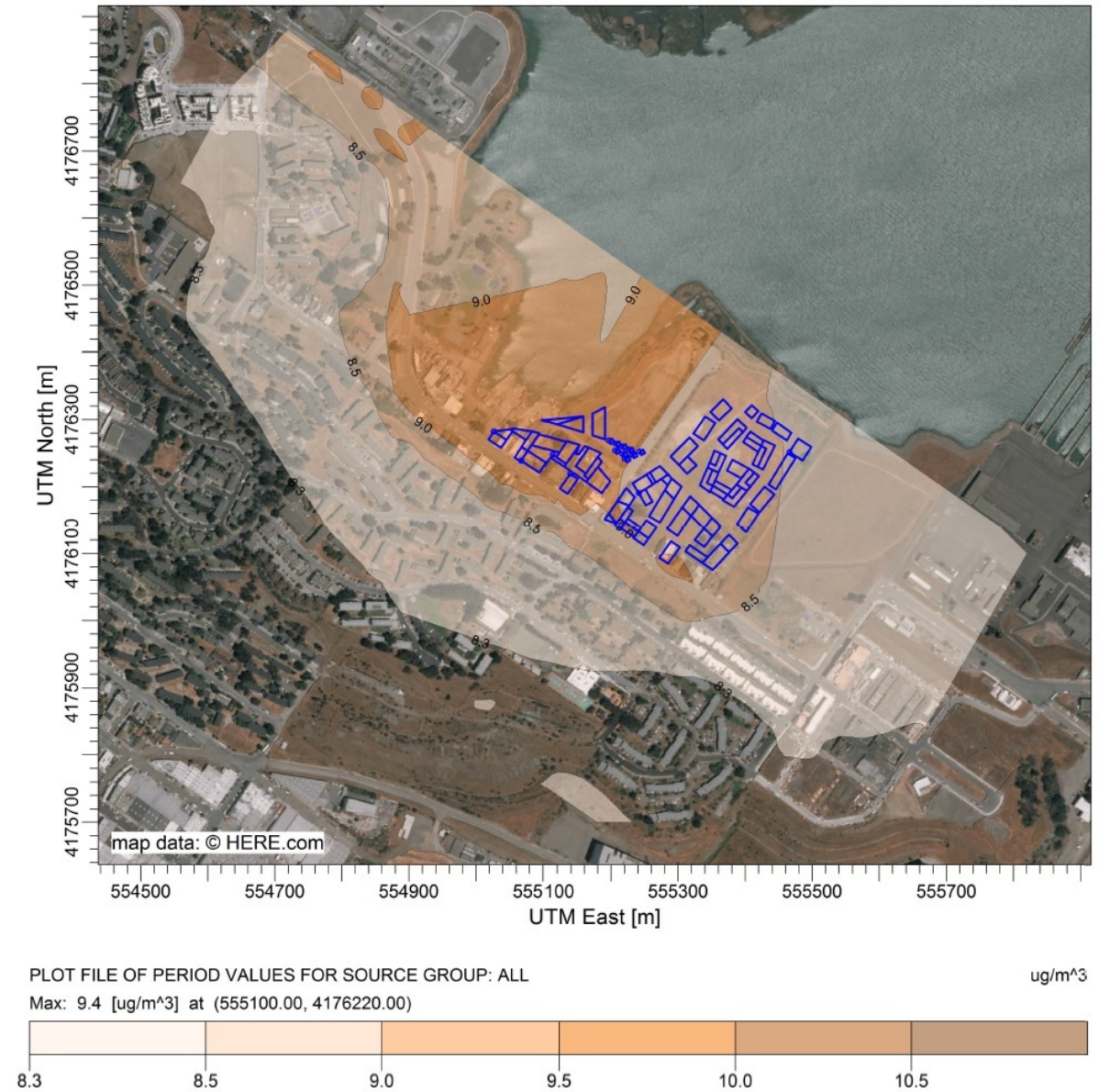


Figure 14: Baseline Plus Maximum Commercial Variant Maximum Modeled PM_{2.5} Annual Concentrations (Controlled) for 2019 Construction Year

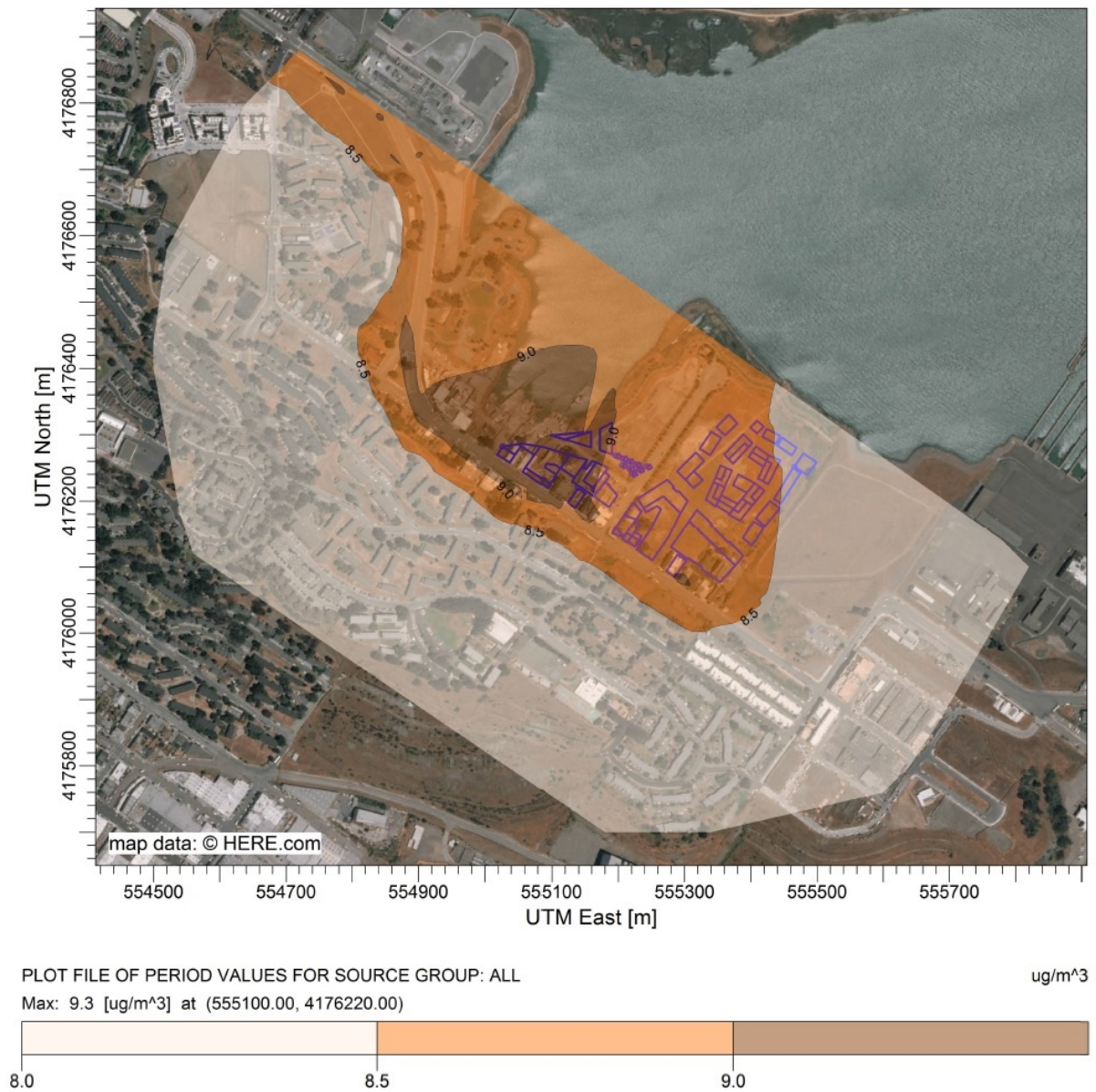


Figure 15: Cumulative Conditions (CRRP-HRA [2040]) PM_{2.5} Annual Concentrations

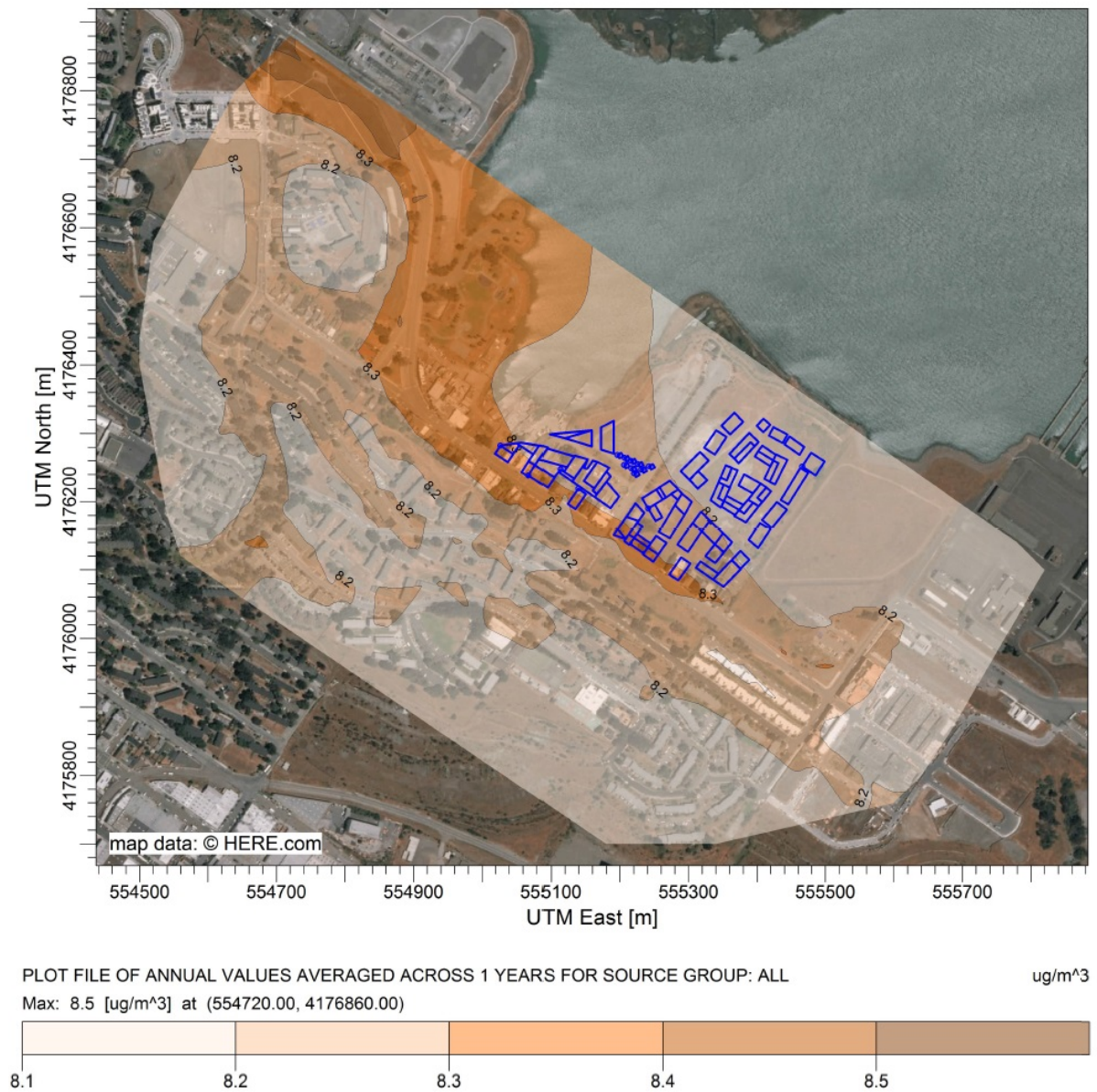


Figure 16: Cumulative Conditions (CRRP-HRA [2040]) Plus Project Conditions for Residential Project Maximum (Controlled) Modeled PM_{2.5} Annual Concentrations

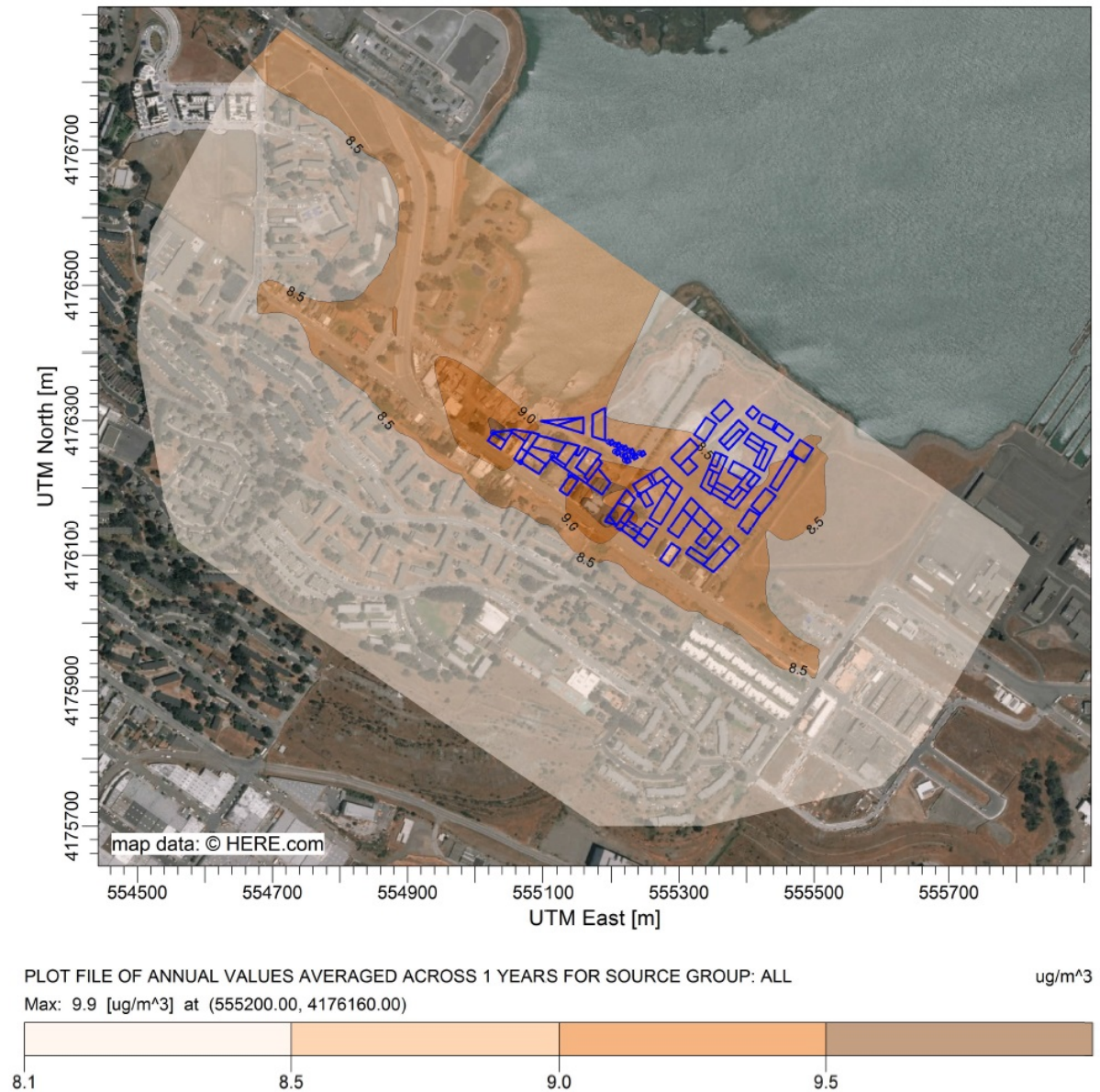
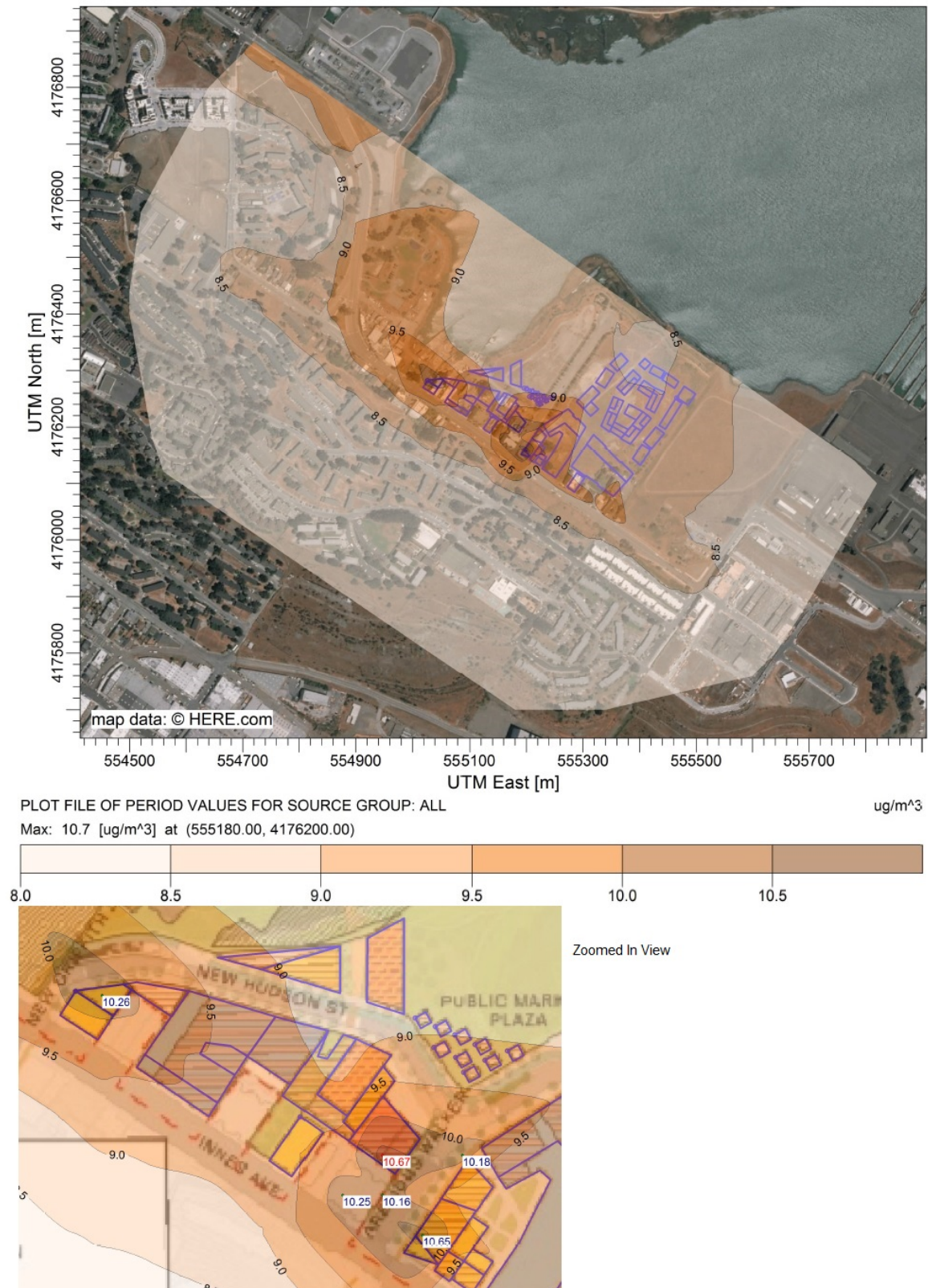


Figure 17: Cumulative Conditions (CRRP-HRA [2040]) Plus Project Conditions for Maximum Commercial Variant Maximum (Controlled) Modeled PM_{2.5} Annual Concentrations



4.0 Health Risk Analysis

Pollutant Concentrations

AERMOD was run using unit emissions. Each source was modeled assuming emissions of 1 gram per second (g/s) for point sources, 1 g/s divided by the number of volume sources in a road segment, or 1 g/s divided by the area source in square meters. The unitized AERMOD results for each source are output in $\mu\text{g}/\text{m}^3$ per g/s $[(\mu\text{g}/\text{m}^3)(\text{g}/\text{s})^{-1}]$. Maximum hourly and period-average plot files generated by AERMOD as described above were input to HARP2 with corresponding TAC emission rates for each phase of construction as well as the project operational emissions to calculate project concentration contributions. These concentrations were then used to estimate the long-term effects of TACs on nearby and future on-site residential locations.

Receptor Exposure and Health Risk Calculations

Exposure factors were used to calculate dose associated with exposure to the estimated unit concentration results obtained using AERMOD. ARB created the HARP2 software to assist in the development of emissions inventories, dispersion modeling, and risk assessment. For this project, HARP2 was used solely to estimate cancer risk via HARP2's Air Dispersion Modeling and Risk Tool (ADMRT), Version 16217; ADMRT was developed to encapsulate the exposure factors and guidance of the 2015 OEHHA Health Risk Assessment (OEHHA, 2015). AECOM evaluated the 30-year cancer risk for resident receptors through the inhalation, soil ingestion, mother's milk, and homegrown produce pathways, using the OEHHA-Derived Method. Factors that affect the dose that a receptor would receive include but are not limited to age-specific daily breathing rates as well as exposure time, frequencies, and duration. The general formula for calculating residential inhalation risk is as follows:

$$\text{RISK}_{\text{inh-res}} = \text{DOSE}_{\text{air}} \times \text{CPF} \times \text{ASF} \times \text{ED}/\text{AT} \times \text{FAH}$$

Where:

$\text{RISK}_{\text{inh-res}}$	= Residential inhalation cancer risk
DOSE_{air}	= Daily inhalation dose (milligrams per kilogram [mg/kg]-day)
CPF	= Inhalation cancer potency factor ($\text{mg}/\text{kg}\cdot\text{day}^{-1}$)
ASF	= Age sensitivity factor for a specified age group (unitless)
ED	= Exposure duration (in years) for a specified age group
AT	= Averaging time for lifetime cancer risk (years)
FAH	= Fraction of time spent at home (unitless)

The inhalation risk was calculated in HARP2 using the OEHHA 2015–recommended default values for these parameters:

CPF	= Substance-specific
ASF	= 10 for third trimester to age 2, 3 for ages 2–16, 1 for ages 16–30
ED	= 0.25 year for third trimester, 2 years for ages 0–2, 7 years for ages 2–9, 14 years for ages 2–16, 14 years for ages 16–30
AT	= 70 years
FAH	= 1.0 (no adjustment)

The daily inhalation dose is defined as:

$$\text{DOSE}_{\text{air}} = C_{\text{air}} \times \{\text{BR/BW}\} \times A \times \text{EF} \times 10^{-6}$$

Where:

DOSE_{air}	= Dose through inhalation (mg/kg-day)
C_{air}	= Concentration in air ($\mu\text{g}/\text{m}^3$)
$\{\text{BR/BW}\}$	= Daily breathing rate normalized to body weight (Liters per kilogram body weight - day)
A	= Inhalation absorption factor (unitless)
EF	= Exposure frequency (unitless), days/365 days
10^{-6}	= Micrograms to milligrams conversion, liters to cubic meters conversion

The daily inhalation dose was calculated in HARP2 using OEHHA 2015–recommended default values for these parameters:

C_{air}	= Concentration as calculated from AERMOD
$\{\text{BR/BW}\}$	= OEHHA-derived method (i.e., 95th-percentile) estimates (361 for third trimester, 1,090 for ages 0–2, 745 for ages 2–16, 335 for ages 16–30)
A	= 1
EF	= 0.96 (350 days/365 days in a year for a resident)

Although the use of AERMOD and HARP2 strays from 2012 BAAQMD guidance, these programs represent the most advanced model/tool used to assess risk in the State of California, per ARB and OEHHA. Note that the CRRP-HRA was conducted in 2012, and used the methods and recommendations from OEHHA's 2009 technical support documents and 2011 updated health risk values, which represented the most up-to-date guidance and recommendations at that time. HARP2 is based on the OEHHA 2015 guidance, which incorporates these previous OEHHA documents. Nevertheless, the OEHHA 2015 guidance does contain some recommendations and updates that were not included in the 2011 and 2009 OEHHA resources. Therefore, the risk values in the CRRP-HRA database were scaled to reflect these changes in methodology. Based on consultation with the Planning Department's Environmental Planning Division, a scaling factor of 1.3744 was used to update the background risks contained in the CRRP-HRA database.

Health Risk Standards and Limits

Health risk modeling was also used as the basis for approving a series of amendments to the San Francisco Building and Health Codes, generally referred to as the Enhanced Ventilation Required for Urban Infill Sensitive Use Developments or Health Code, Article 38 (Ordinance 224-14, effective December 8, 2014) (Article 38). The purpose of Article 38 is to protect the public health and welfare by establishing an APEZ and imposing an enhanced ventilation requirement for all urban infill sensitive-use development within the APEZ. In addition, projects in the APEZ require special consideration to determine whether project activities would add substantial emissions to areas already adversely affected by poor air quality.

The APEZ was also used as the basis for approving a series of amendments to the San Francisco Environment and Administrative Codes, generally referred to as the Clean Construction Ordinance, or Environment Code Section 25 (Ordinance 28-15, effective April 19, 2015). The purpose of the Clean Construction Ordinance is to protect the public health, safety, and welfare by requiring contractors on City and County of San Francisco public works projects to reduce diesel and other PM emissions generated by construction activities. The APEZ for San Francisco is based on the health-protective $\text{PM}_{2.5}$ standard, as supported by EPA's Particulate Matter Policy Assessment. As noted in Section 1.0, the project area is not located in an APEZ, as the area is currently below the thresholds of $10 \mu\text{g}/\text{m}^3$ of $\text{PM}_{2.5}$ and 100-in-a-million excess cancer risk.

SUMMARY OF HEALTH RISKS AND MODELING RESULTS

Health risks to both off-site and on-site receptors were calculated for both project construction scenarios. Risks to existing off-site receptors were calculated assuming exposure during each year of the entire construction period. For future on-site receptors, AECOM assumed that these receptors would be occupied after the first phase of construction, and therefore would be on-site for the remainder of the construction period.

For each scenario, a total 30-year excess cancer risk was presented by adding the construction risks to the operational risk at each receptor. Cumulative risks were estimated by adding these project contributions to the CRRP-HRA background risks, with a scaling factor applied as discussed previously. This was evaluated using the CRRP-HRA existing (2014) and future-year (2040) background impacts.

Concurrent Nearby Construction Projects. As discussed previously, the nearby PG&E Hunters Point Shoreline Area Cleanup is being used for small events under the NOW Hunters Point program. Future uses have yet to be determined and were not assessed as part of this analysis. It is anticipated that construction of the Hunters Point Shipyard Phase 1 and 2 redevelopment may overlap with the proposed project. Environ conducted an air quality assessment as part of an update to that EIR in 2013. Ramboll Environ provided electronic files associated with the Hunters Point Phase 1 and 2 modeling. AECOM added the excess cancer risk calculated in those analyses for each overlapping construction year. For Cumulative Conditions (CRRP-HRA [2040]), vehicle traffic associated with the Hunters Point and Candlestick Point redevelopment projects was included in the analysis. Therefore, only the Project Conditions were added to the Cumulative Conditions.

The excess cancer risks attributable to uncontrolled construction sources from project conditions are depicted in **Tables 37 through 39**. **Figures 18 through 23** illustrate isopleths of the maximum excess cancer risk (Existing Conditions, Baseline Conditions [Existing Conditions plus concurrent projects], Project Conditions, and Baseline Conditions plus Project Conditions) noted in **Tables 37 through 39** for each modeled scenario. Project conditions attributable to uncontrolled construction sources would create a new APEZ if control measures were not implemented. **Table 40** summarizes the Cumulative Conditions (CRRP-HRA [2040]) excess cancer risk with the Project Conditions (uncontrolled).

Table 37. Project Conditions (Uncontrolled) Maximum Modeled Excess Cancer Risk Concentrations at Existing Off-Site Residential Receptors

Year	Years of Age	Residential Project (in a million) ⁹	Maximum Commercial Variant (in a million) ⁹
Existing Conditions (CRRP-HRA [2014]) ¹	–	21.7	21.7
2018 ²	Third trimester to 1	42.2	39.0
2019 ³	1–2	79.0	69.5
2020 ⁴	2–3	10.2	8.4
2021 ^{5,6}	3–4	1.7	1.7
2022 ^{5,6}	4–5	0.69	0.7
Operations ⁷	5–30 (25 years)	4.0	6.1
Concurrent Projects ⁸	30	0.7	0.7
Total Excess Cancer Risk	30	160.2	147.8

Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator

- Community Risk Reduction Plan health risk assessment for Year 2014 (Existing Conditions).
- Maximum concentrations attributable primarily to grading (50%) and 700 Innes construction sources.
- Maximum concentrations attributable primarily to 700 Innes construction sources (75%).
- Maximum concentrations attributable primarily to 700 Innes (80%) construction sources.
- Maximum concentrations attributable primarily to 700 Innes construction sources.
- Assumes six of the eight emergency generators would be operating after the completion of Phase 1 construction.
- Maximum concentrations attributable primarily to 700 Innes sources (traffic).
- Hunters Point and Candlestick Point area construction excess cancer risk. Provided by Ramboll Environ.
- Receptor location: X (UTM) = 555120, Y (UTM) = 4176220.

Source: Compiled by AECOM in 2017.

Table 38. Project Conditions (Uncontrolled) Maximum Modeled Excess Cancer Risk Concentrations at On-Site (Hillside–Hamman Cove) Residential Receptors

Year	Years of Age	Residential Project (in a million) ⁵	Maximum Commercial Variant (in a million) ⁵
Existing Conditions (CRRP-HRA [2014]) ¹	–	7.4	7.4
2021 ^{2,3}	Third trimester to 1	60.3	60.3
2022 ^{2,3}	1–2	39.0	39.1
Operations ³	2–30 (28 years)	4.8	6.6
Concurrent Projects ⁴	30	1.5	1.5
Total Excess Cancer Risk	30	113.0	114.9

Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator

- Community Risk Reduction Plan health risk assessment for Year 2014 (Existing Conditions).
- Maximum concentrations attributable primarily to 700 Innes construction sources at Flats and Earl.
- Assumes six of the eight emergency generators would be operating after the completion of Phase 1 construction.
- Hunters Point and Candlestick Point area construction excess cancer risk. Provided by Ramboll Environ.
- Receptor location: X (UTM) = 555480, Y (UTM) = 4176260.

Source: Compiled by AECOM in 2017

Table 39. Project Conditions (Uncontrolled) Maximum Modeled Excess Cancer Risk Concentrations at On-Site (Flats and Earl) Residential Receptors

Year	Years of Age	Residential Project (in a million) ⁴	Maximum Commercial Variant (in a million) ⁴
Existing Conditions (CRRP-HRA [2014]) ¹	—	12.3	12.3
Operations ²	30	17.7	19.3
Concurrent Projects ³	30	0.6	0.6
Total Excess Cancer Risk	30	30.6	32.2
Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator			
1. Community Risk Reduction Plan health risk assessment for Year 2014 (Existing Conditions).			
2. Maximum concentrations attributable primarily to 700 Innes sources (traffic).			
3. Hunters Point and Candlestick Point area construction excess cancer risk. Provided by Ramboll Environ.			
4. Receptor location: X (UTM) = 555300, Y (UTM) = 4176260.			
Source: Compiled by AECOM in 2017.			

Table 40. Project Conditions Excess Cancer Risk Attributable to Operations in Addition to Cumulative Conditions (CRRP-HRA [2040]) Cancer Risk

Year	Residential Project (in a million) ³	Maximum Commercial Variant (in a million) ⁴
Cumulative Conditions (CRRP-HRA [2040]) ¹	48.4	26.0
Project Operations ²	4.3	29.7
Cumulative Excess Cancer Risk	52.7	55.7
Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator		
1. Community Risk Reduction Plan health risk assessment for Year 2040 (Cumulative Conditions).		
2. Maximum concentrations attributable primarily to 700 Innes sources (specifically traffic).		
3. Receptor location: X (UTM) = 554720, Y (UTM) = 4176860.		
4. Receptor location: X (UTM) = 555200, Y (UTM) = 4176160.		
Source: Compiled by AECOM in 2017.		

Tables 41 through 43 summarize the excess cancer risk attributable to Existing Conditions, Baseline Conditions (Existing Conditions plus concurrent projects), Project Conditions, and Baseline Conditions plus Project Conditions using control measures (Tier 4 final off-road equipment and Tier 4 diesel engines for emergency generators). **Figures 24 and 25** show the Baseline Conditions plus Project Conditions using control measures. **Table 44** summarizes the Cumulative Conditions (CRRP-HRA [2040]) excess cancer risk with Project Conditions (controlled) and these results are shown in **Figures 26 through 28** (Cumulative Conditions and Cumulative Conditions plus Project Conditions). The Project Conditions excess cancer risk when added to the CRRP-HRA cancer risk would not create a new APEZ.

Table 41. Project Conditions Maximum Modeled Excess Cancer Risk Concentrations (Controlled) at Existing Off-Site Residential Receptors

Year	Years of Age	Residential Project (in a million) ⁹	Maximum Commercial Variant (in a million) ⁹
Existing Conditions (CRRP-HRA [2014]) ¹	–	46.0	46.0
2018 ²	Third trimester to 1	3.4	3.4
2019 ³	1–2	4.3	4.7
2020 ⁴	2–3	0.4	0.4
2021 ^{5,6}	3–4	0.1	0.1
2022 ^{5,6}	4–5	< 0.1	< 0.1
Operations ⁷	5–30 (25 years)	1.6	2.5
Concurrent Projects ⁸	30	0.7	0.7
Total Excess Cancer Risk	30	56.4	57.7
Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator 1. Community Risk Reduction Plan health risk assessment for Year 2014 (Existing Conditions). 2. Maximum concentrations attributable primarily to grading (50%) and 700 Innes construction sources. 3. Maximum concentrations attributable primarily to 700 Innes construction sources (75%). 4. Maximum concentrations attributable primarily to 700 Innes (80%) construction sources. 5. Maximum concentrations attributable primarily to 700 Innes construction sources. 6. Assumes six of the eight emergency generators (Tier 4) would be operating after the completion of Phase 1 construction. 7. Maximum concentrations attributable primarily to 700 Innes sources (traffic). 8. Hunters Point and Candlestick Point area construction excess cancer risk. Provided by Ramboll Environ. 9. Receptor location: X (UTM) = 554740, Y (UTM) = 4176860. Source: Compiled by AECOM in 2017.			

Table 42. Project Conditions Maximum Modeled Excess Cancer Risk Concentrations (Controlled) at On-Site (Hillside–Hamman Cove) Residential Receptors

Year	Years of Age	Residential Project (in a million) ⁶	Maximum Commercial Variant (in a million) ⁶
Existing Conditions (CRRP-HRA [2014]) ¹	–	29.2	29.2
2021 ^{2,3}	Third trimester to 1	0.8	0.8
2022 ^{2,3}	1–2	0.1	0.1
Operations ⁴	2–30 (28 years)	5.2	8.6
Concurrent Projects ³	30	0.7	0.7
Total Excess Cancer Risk	30	36.0	39.4
Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator 1. Community Risk Reduction Plan health risk assessment for Year 2014 (Existing Conditions). 2. Maximum concentrations attributable primarily to 700 Innes construction sources (Tier 4 final off-road equipment) at Flats and Earl. 3. Assumes six of the eight emergency generators (Tier 4) would be operating after the completion of Phase 1 construction. 4. Maximum concentrations attributable primarily to 700 Innes sources (traffic). 5. Hunters Point and Candlestick Point area construction excess cancer risk. Provided by Ramboll Environ. 6. Receptor location: X (UTM) = 555040, Y (UTM) = 4176260. Source: Compiled by AECOM in 2017.			

Table 43. Project Conditions Maximum Modeled Excess Cancer Risk (Controlled) at On-Site (Flats and Earl) Residential Receptors

Year	Years of Age	Residential Project (in a million) ⁴	Maximum Commercial Variant (in a million) ⁴
Existing Conditions (CRRP-HRA [2014]) ¹	–	12.6	12.6
Operations ²	30	5.5	10.2
Concurrent Projects ³	30	0.6	0.6
Total Excess Cancer Risk	30	18.7	23.4
Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator 1. Community Risk Reduction Plan health risk assessment for Year 2014 (Existing Conditions). 2. Maximum concentrations attributable primarily to 700 Innes sources (traffic). 3. Hunters Point and Candlestick Point area construction excess cancer risk. Provided by Ramboll Environ. 4. Receptor location: X (UTM) = 555300, Y (UTM) = 4176240. Source: Compiled by AECOM in 2017.			

Table 44. Project Conditions Excess Cancer Risk (Controlled) in Addition to Cumulative Conditions (CRRP-HRA [2040] Cancer Risk)

Year	Residential Project (in a million)³	Maximum Commercial Variant (in a million)³
Cumulative Conditions (CRRP-HRA [2040]) ¹	48.4	48.4
Project Operations ²	4.1	6.5
Cumulative Excess Cancer Risk	52.5	54.9
Notes: CRRP = Community Risk Reduction Plan; HRA = health risk assessment; UTM = Universal Transverse Mercator 1. Community Risk Reduction Plan health risk assessment for Year 2040 (Cumulative Conditions). 2. Maximum concentrations attributable primarily to 700 Innes sources (traffic). Tier 4 engines used for emergency generators. 3. Receptor location: X (UTM) = 554720, Y (UTM) = 4176860. Source: Compiled by AECOM in 2017.		

Figure 18: Existing Conditions (CRRP-HRA [2014]) Excess Cancer Risk

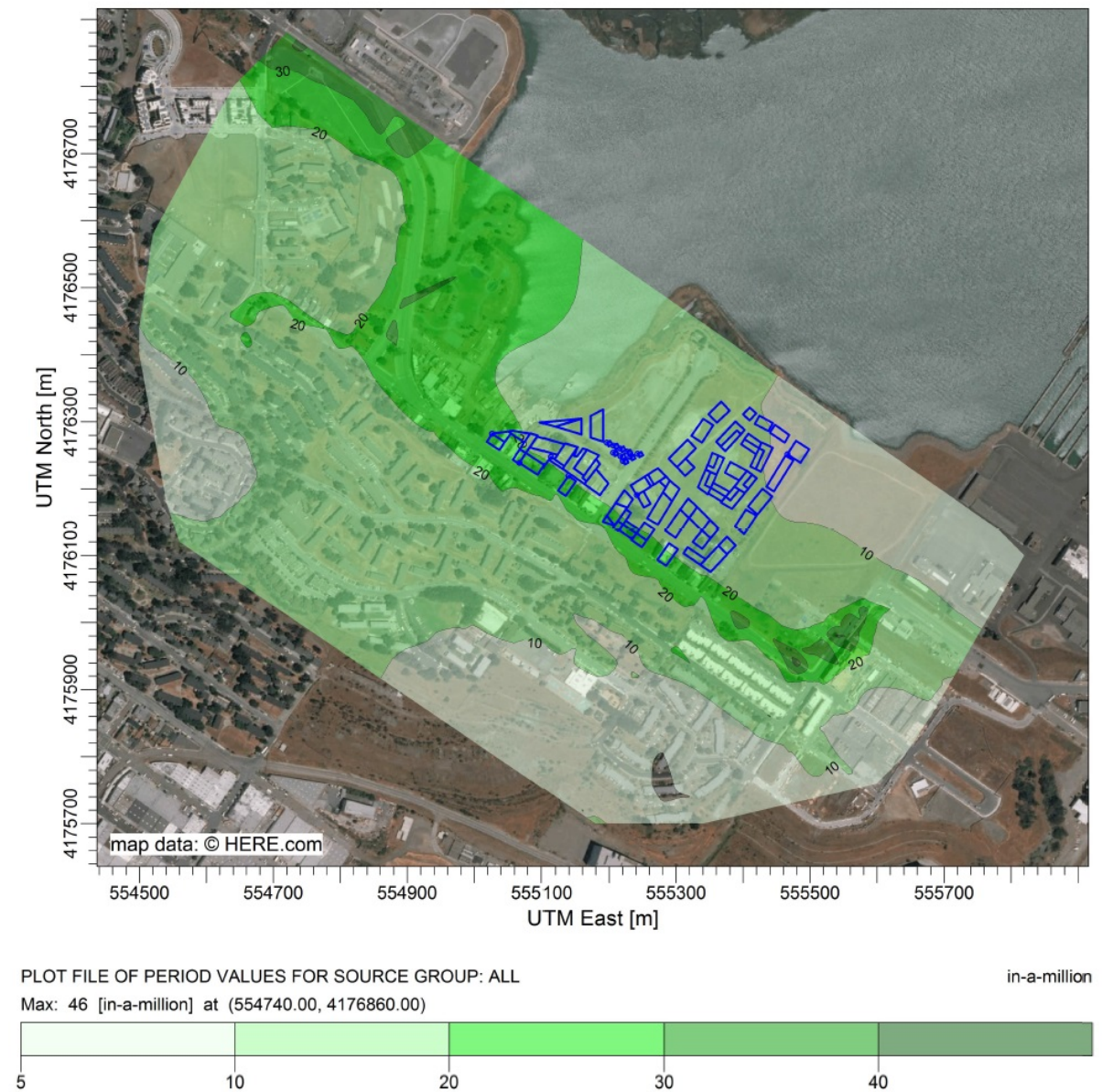


Figure 19: Baseline Conditions (Existing Conditions (CRRP-HRA [2014] plus Hunters Point) Excess Cancer Risk

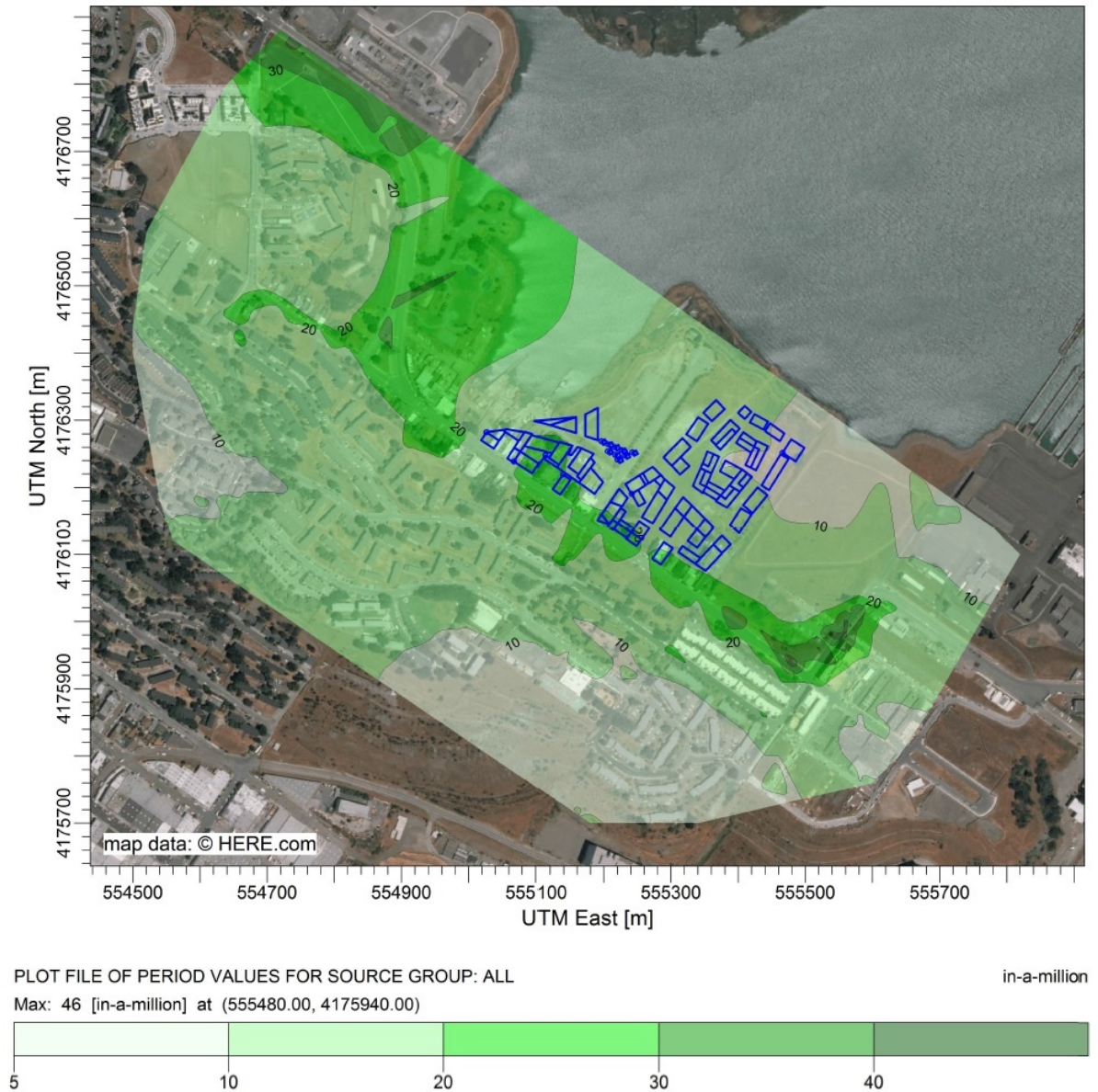


Figure 20: Residential Project Conditions (Uncontrolled) Excess Cancer Risk

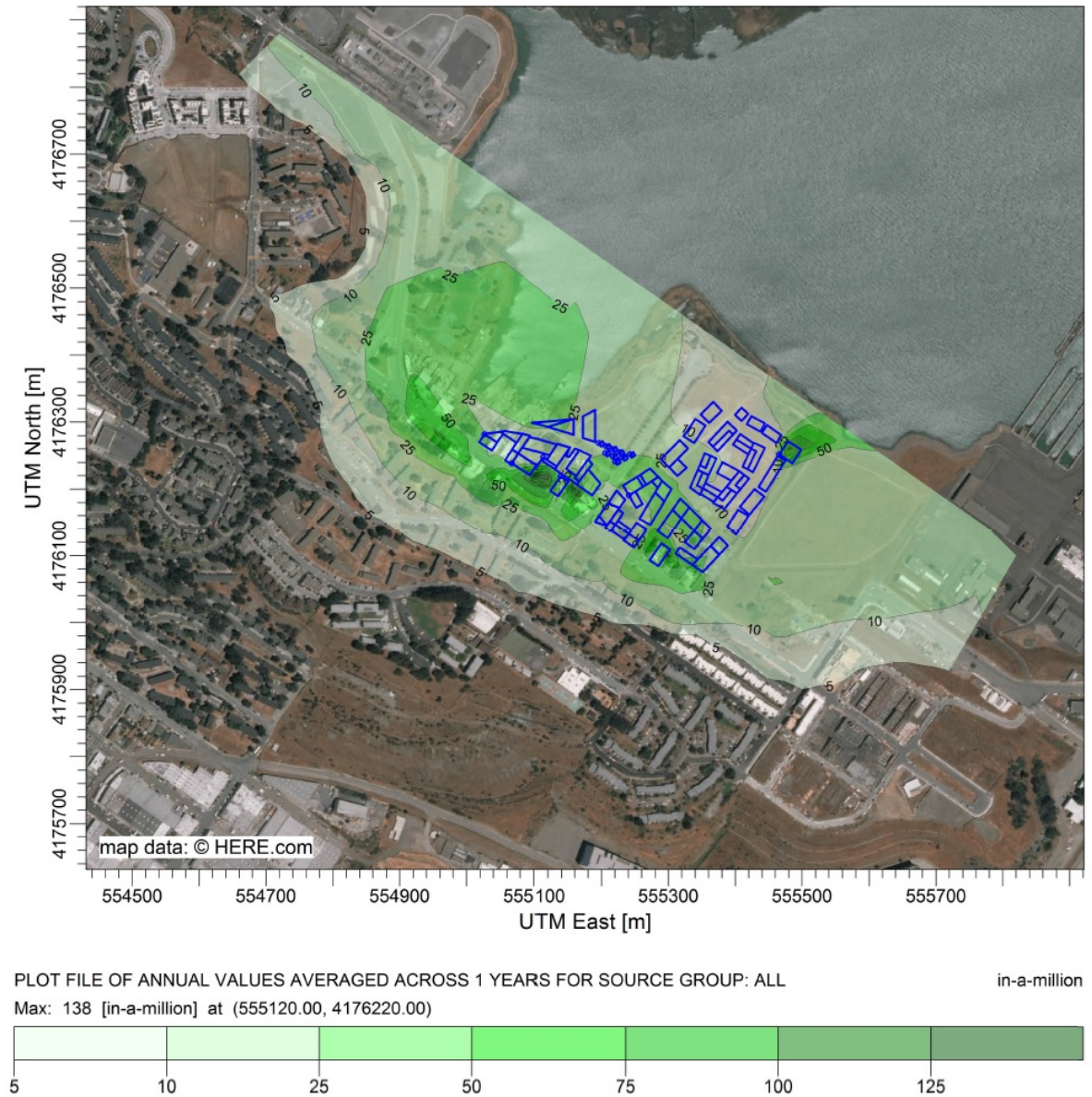


Figure 21: Maximum Commercial Variant Project Conditions (Uncontrolled) Excess Cancer Risk

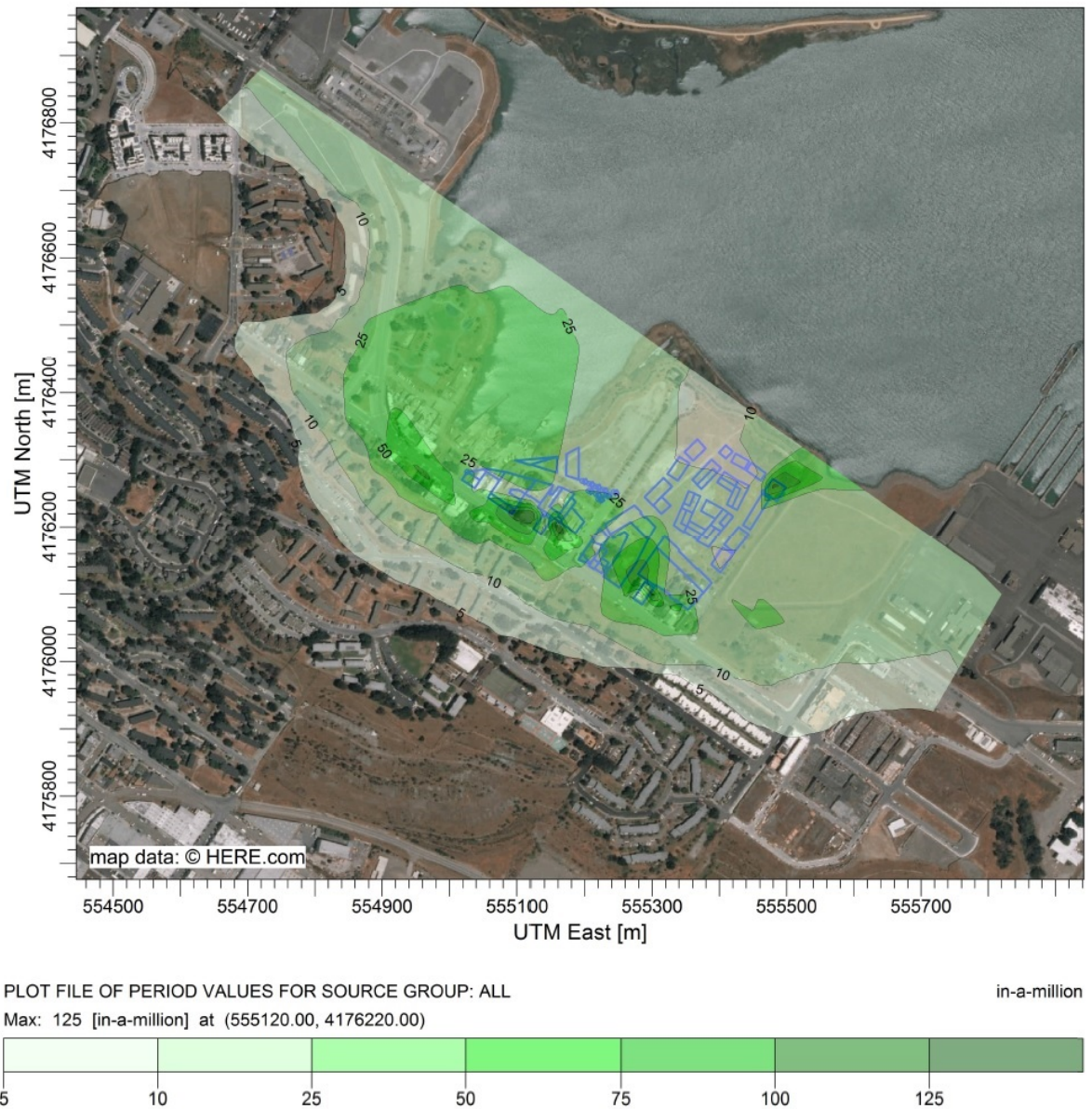


Figure 22: Baseline Conditions plus Residential Project Conditions (Uncontrolled) Excess Cancer Risk

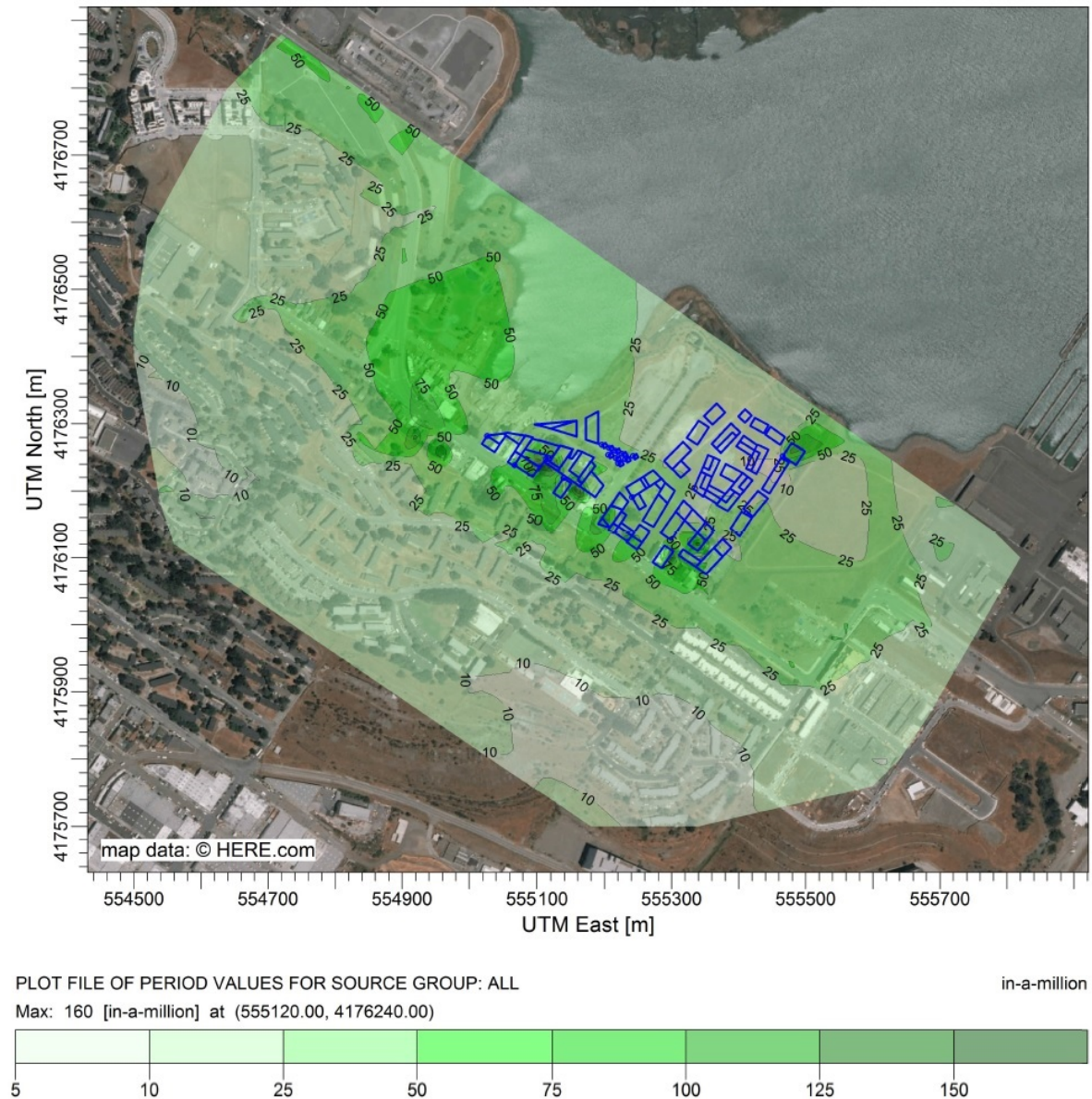


Figure 23: Baseline Conditions plus Maximum Commercial Variant Project Conditions (Uncontrolled) Excess Cancer Risk



Figure 24: Baseline Conditions plus Residential Project Conditions (Controlled) Excess Cancer Risk

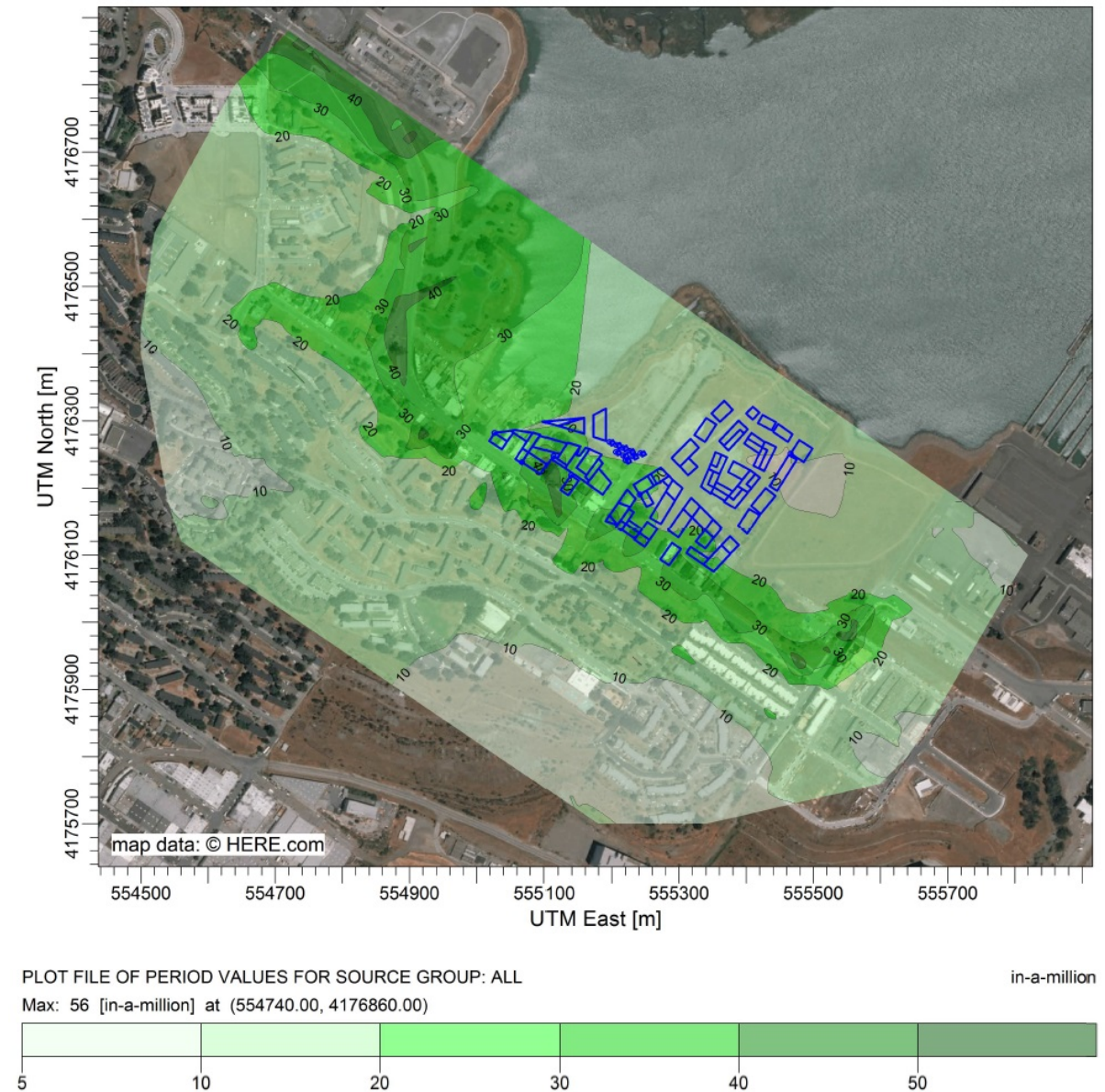


Figure 25: Baseline Conditions plus Maximum Commercial Variant Project Conditions (Controlled) Excess Cancer Risk

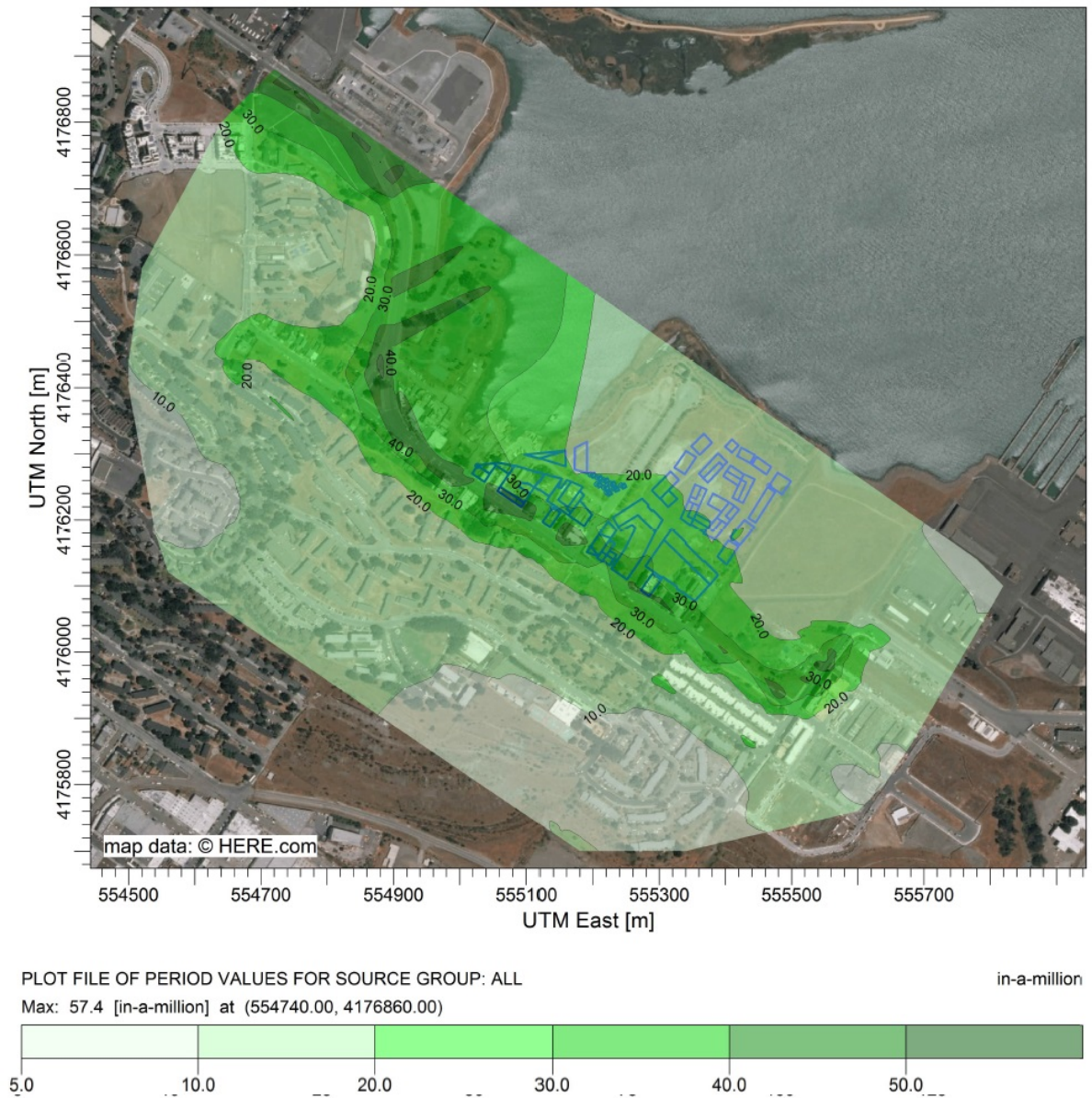


Figure 26: Cumulative Conditions (CRRP-HRA [2040]) Excess Cancer Risk

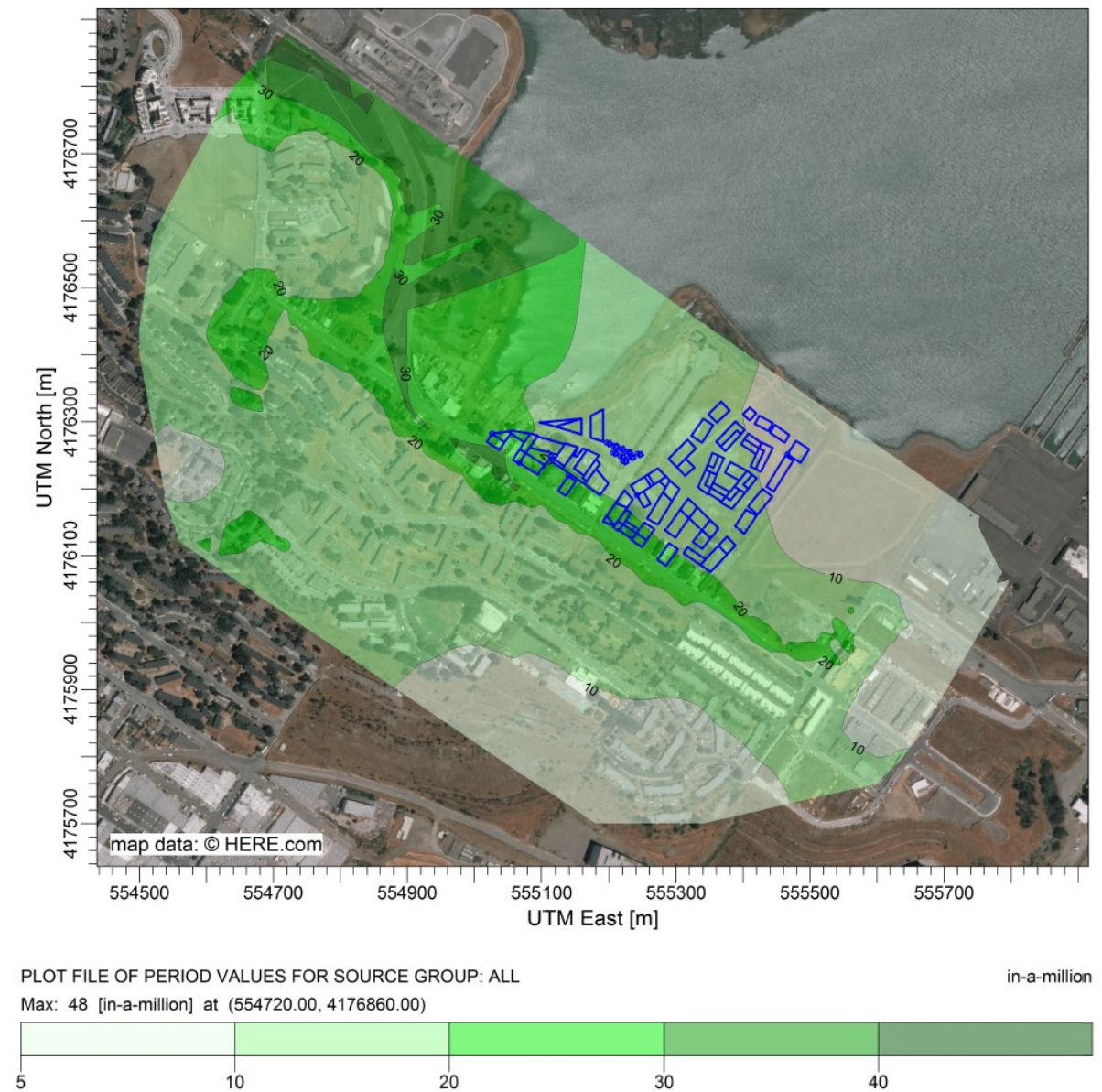


Figure 27: Cumulative Conditions plus Residential Project Conditions (Uncontrolled) Excess Cancer Risk

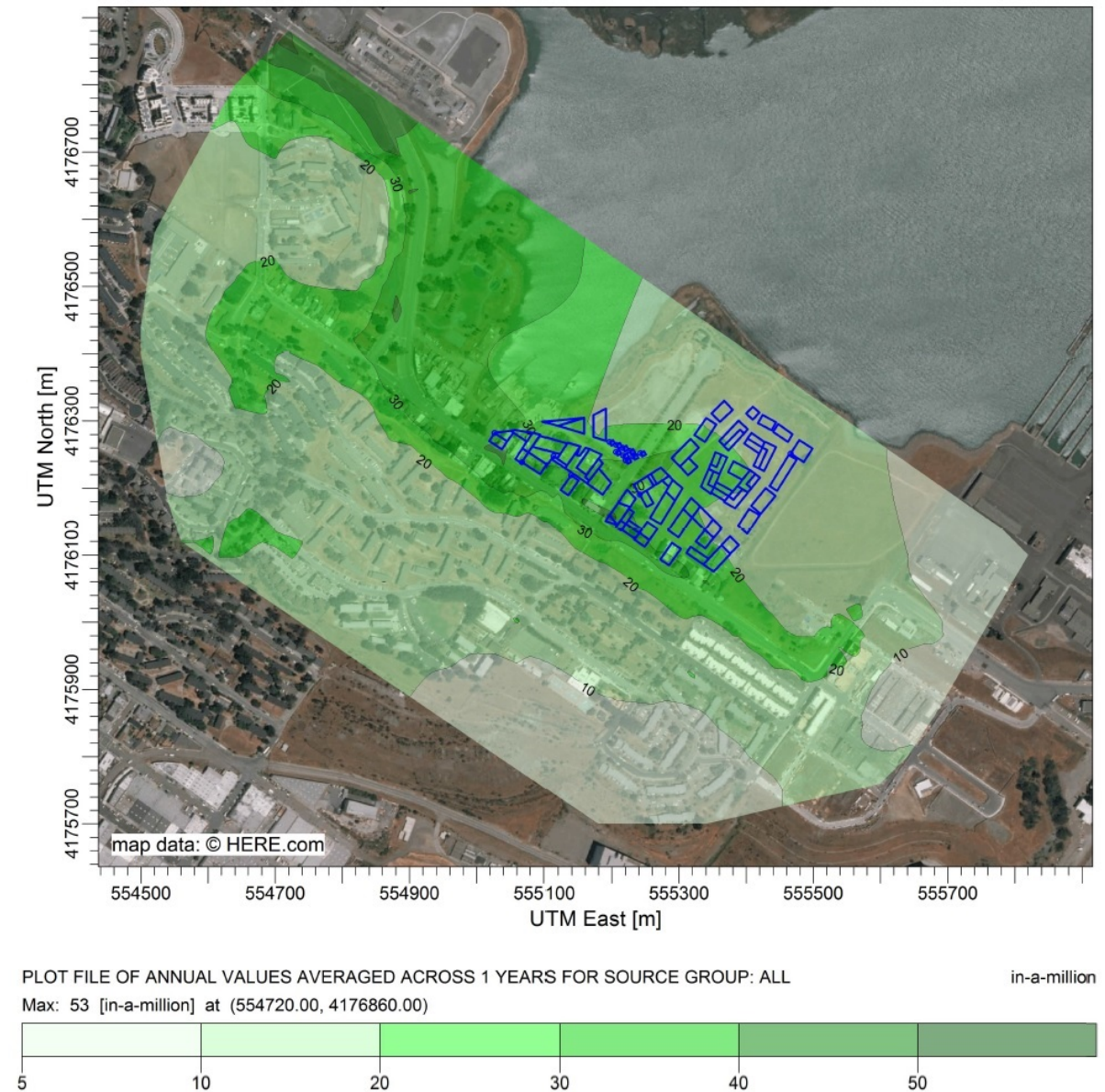
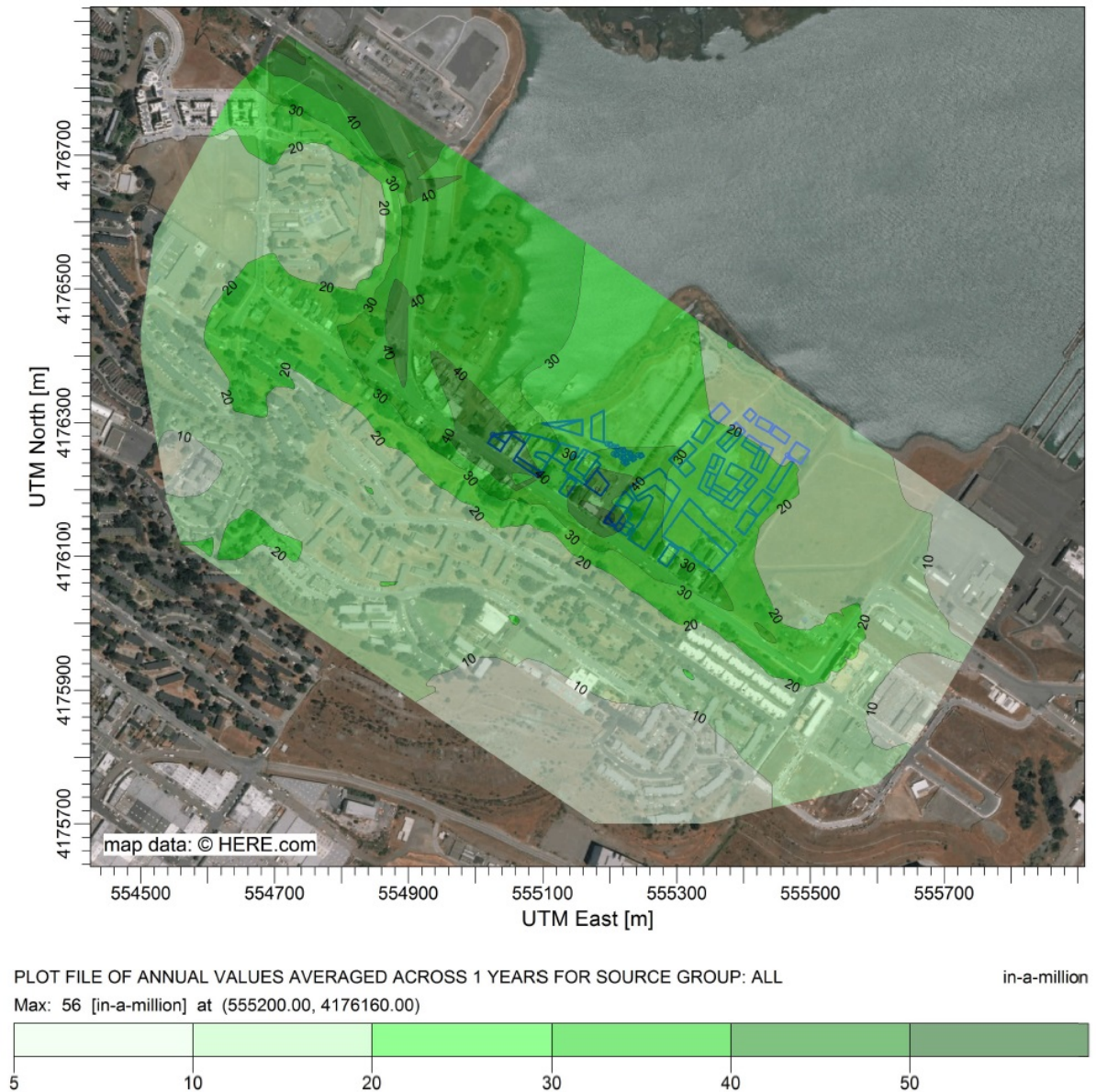


Figure 28: Cumulative Conditions plus Maximum Commercial Variant Project Conditions (Uncontrolled) Excess Cancer Risk



5.0 Uncertainties

In accordance with risk assessment guidance, the following discussion summarizes the main uncertainties associated with the emissions estimation, air dispersion modeling, and risk estimation components of the HRA methodology.

Emissions Estimates

Uncertainties exist in estimating emissions from construction equipment. Where project-specific data were not available, CalEEMod default values or conservative input assumptions were used. Uncertainties also exist in estimating operational TAC emissions from potential stationary sources associated with research and development, laboratory, and clinical care uses. The specific uses of these spaces, types of processes, and potential types and quantities of emissions have not been determined at this time.

Air Dispersion Modeling

In addition to the uncertainty associated with emission estimates, uncertainty exists regarding the pollutant concentrations estimated by the air dispersion model. The limitations of the air dispersion model provide a source of uncertainty in the estimation of exposure concentrations. According to EPA, errors attributable to the limitation of the algorithms implemented in the air dispersion model in the highest estimated concentrations of +/- 10 percent to 40 percent are typical (EPA, 2016). AECOM's methodologies use conservative assumptions and techniques to produce conservative results; thus, predicted exposure concentrations are likely to be at or above actual exposure concentrations.

The source parameters used to model emission sources add uncertainty. For all emission sources, AECOM uses source parameters that are either recommended as defaults or expected to produce more conservative results. Discrepancies might exist between the actual emissions characteristics of a source and its representation in the model; exposure concentrations used in this assessment represent approximate exposure concentrations.

Health Risk Analysis

Numerous assumptions must be made to estimate human exposure to pollutants. These assumptions include parameters such as breathing rates, exposure time and frequency, exposure duration, and human activity patterns. While a mean value derived from scientifically defensible studies is the best estimate of central tendency, most exposure variables used in this HRA are high-end estimates. For example, it is assumed that residential receptors would be exposed to project emissions during the entire construction duration and to cumulative emissions sources 13 hours per day for 350 days per year. This assumption is highly conservative because most residents do not remain in their homes for this period of time. The combination of several high-end estimates used as exposure parameters may substantially overestimate chemical intake. The excess lifetime cancer risks calculated in this assessment are therefore likely to be higher than may be required to be protective of public health.

The OEHHA Cancer Potency Factor (CPF) for diesel PM is used to estimate cancer risks associated with exposure to diesel PM from the project and off-site emissions. However, the CPF derived by OEHHA for diesel PM is highly uncertain in the estimation of both response and dose. In the past, because of inadequate animal test data and epidemiology data on diesel exhaust, the International Agency for Research on Cancer (IARC), a branch of the World Health Organization, had classified diesel PM as Probably Carcinogenic to Humans (Group 2); EPA had also concluded that the existing data did not provide an adequate basis for quantitative risk assessment (EPA, 2002). However, based on two recent scientific studies (Benbrahim-Tallaa et al., 2012; Attfield et al, 2012), IARC recently reclassified diesel PM as Carcinogenic to Humans (Group 1) (IARC, 2012), which means that the agency has determined that there is "sufficient evidence of carcinogenicity" of a substance in

humans and represents the strongest weight-of-evidence rating in IARC's carcinogen classification scheme. This determination by IARC may provide additional impetus for EPA to identify a quantitative dose/response relationship between exposure to diesel PM and cancer.

OEHHA notes that the conservative assumptions used in a risk assessment are intended to avoid underestimation of actual risks posed by a site, and are designed to err on the side of health protection (OEHHA, 2015). The estimated risks in this HRA are based primarily on a series of conservative assumptions related to predicted environmental concentrations, exposure, and chemical toxicity. The use of conservative assumptions tends to produce upper-bound estimates of risk. Although it is difficult to quantify the uncertainties associated with all the assumptions made in this risk assessment, the use of conservative assumptions is likely to result in substantial overestimates of exposure, and hence, risk.

6.0 References

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**APPENDIX A – Construction and Operation Emission Calculations
(See CD for CalEEMod Output - Tables 18-27)**

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Table 1

Land Uses by Property - Residential Project				
Property	Construction Phase	Land Use	Lot Acreage	Floor Surface Area
India Basin Shoreline Park	RPD Shoreline Park	General Office Building	0.14	6,100
		Other Asphalt Surfaces	0.21	0
		Other Non-Asphalt Surfaces	0.21	0
		City Park	9.58	0
900 Innes	RPD 900 Innes	General Office Building	0.19	8,400
		City Park	3.71	0
India Basin Open Space	Shoreline Wetlands OS	City Park	5.13	0
	Beach and Pier OS	City Park	2.34	
700 Innes	Grading and Excavation	User Defined Industrial	37.8	0
	Hamman Hillside Cove	General Office Building	3	174,930
		Elementary School	0.5	50,000
		Enclosed Parking with Elevator	0	552,860
		Other Asphalt Surfaces	1.35	0
		Other Non-Asphalt Surfaces	1.35	0
		City Park	1.74	0
		Condo/Townhouse High Rise	4	996,800
		Regional Shopping Center	0	43,560
	Big Green	City Park	3.74	0
	Flats and Earl Construction	Enclosed Parking with Elevator	0	117,040
		Other Asphalt Surfaces	0.86	0
		Other Non-Asphalt Surfaces	0.86	0
		City Park	0.97	0
		Condo/Townhouse High Rise	3.1	570,819
		Regional Shopping Center	0	28,240

Table 2

Land Uses by Property - COMMERCIAL VARIANT				
Property	Construction Phase	Land Use	Lot Acreage	Floor Surface Area
India Basin Shoreline Park	RPD Shoreline Park	General Office Building	0.14	6,100
		Other Asphalt Surfaces	0.21	0
		Other Non-Asphalt Surfaces	0.21	0
		City Park	9.58	0
900 Innes	RPD 900 Innes	General Office Building	0.19	8,400
		City Park	3.71	0
India Basin Open Space	Shoreline Wetlands OS	City Park	5.13	0
	Beach and Pier	City Park	2.34	
700 Innes	Grading and Excavation	User Defined Industrial	37.8	0
	Hamman Hillside Cove	General Office Building	4.8	860,000
		Elementary School	0.5	50,000
		Enclosed Parking with Elevator	0	593,950
		Other Asphalt Surfaces	1.35	0
		Other Non-Asphalt Surfaces	1.35	0
		City Park	1.74	0
		Condo/Townhouse High Rise	1.7	263,885
		Regional Shopping Center	0	83,160
	Big Green	City Park	3.74	0
	Flats and Earl Construction	Enclosed Parking with Elevator	2.83	123,415
		Other Asphalt Surfaces	0.86	0
		Other Non-Asphalt Surfaces	0.86	0
		City Park	0.97	0
		Condo/Townhouse High Rise	3.1	570,819
		Regional Shopping Center	0.5	28,420

Table 3. India Basin Construction Schedule

Property		700 Innes			India Basin Open Space	900 Innes	India Basin Shoreline Park	700 Innes	India Basin Open Space
Year	Month	BUILD Grading and Excavation	BUILD Hamman, Hillside Cove	BUILD Big Green	BUILD Shoreline Wetlands	RPD 900 Innes	RPD India Basin Shoreline Park	BUILD Flats and Earls Construction	BUILD Beach
2018	1								
	2								
	3								
	4								
	5								
	6	1							
	7	2							
	8	3							
	9	4							
	10	5							
	11	6	1						
	12	7	2						
2019	1	8	3			1			
	2	9	4			2			
	3		5			3			
	4		6			4			
	5		7			5			
	6		8			6			
	7		9			7			
	8		10			8			
	9		11			9			
	10		12			10			
	11		13			11			
	12		14			12			
2020	1		15				1		
	2		16				2		
	3		17				3		
	4		18				4		
	5		19				5		
	6		20				6		
	7		21	1			7		
	8		22	2			8		
	9		23	3			9		
	10		24	4	1		10		
	11		25	5	2		11	1	
	12		26	6	3		12	2	
2021	1		27	7	4			3	
	2			8	5			4	
	3			9	6			5	
	4			10	7			6	
	5				8			7	
	6				9			8	
	7				10			9	
	8				11			10	
	9				12			11	
	10							12	
	11							13	1
	12							14	2
2022	1							15	3
	2							16	4
	3							17	5
	4							18	6
	5							19	7
	6							20	8
	7							21	9
	8							22	10
	9							23	11
	10							24	12
	11								
	12								

Table 4
BUILD Grading and Excavation

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2018/06/01	2018/08/30	6	78
Grading	Grading	2018/08/31	2019/02/28	6	156

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	Offroad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	144	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	20	0	68198						

Table 5
BUILD Hamman, Hillside Cove

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2018/11/01	2019/01/04	6	56
Building Construction	Building Construction	2019/01/05	2020/11/19	6	587
Architectural Coating	Architectural Coating	2019/01/05	2021/01/30	6	649
Paving	Paving	2020/11/20	2020/12/26	6	32

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	Offroad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	20	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	896	220	0						
Paving	15	0	0						
Architectural Coating	179	0	0						

Table 6
BUILD Hamman, Hillside Cove - Commercial Variant

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2018/11/01	2019/01/05	6	57
Building Construction	Building Construction	2019/01/06	2020/11/03	6	572
Architectural Coating	Architectural Coating	2019/01/06	2021/01/30	6	648
Paving	Paving	2020/11/04	2020/12/01	6	24

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	20	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	613	266	0						
Paving	15	0	0						
Architectural Coating	123	0	0						

Table 7
BUILD Big Green

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2020/07/01	2020/07/08	6	7
Building Construction	Building Construction	2020/07/09	2021/03/19	6	218
Paving	Paving	2021/03/20	2021/04/09	6	18
Architectural Coating	Architectural Coating	2021/04/10	2021/04/30	6	18

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Cement and Mortar Mixers	2	6	9	0.56
	Pavers	1	8	130	0.42
	Paving Equipment	2	6	132	0.36
	Rollers	2	6	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	0	0						
Paving	20	0	0						
Architectural Coating	5	0	0						

Table 8
BUILD Shoreline Wetlands

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2020/10/01	2020/10/26	6	22
Building Construction	Building Construction	2020/10/27	2021/08/12	6	249
Paving	Paving	2021/08/13	2021/09/07	6	22
Architectural Coating	Architectural Coating	2021/09/08	2021/09/30	6	20

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	0	0						
Paving	15	0	0						
Architectural Coating	5	0	0						

Table 9
RPD 900 Innes

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2019/01/01	2019/05/31	6	130
Grading	Grading	2019/06/01	2019/06/06	6	5
Building Construction	Building Construction	2019/06/07	2019/12/03	6	154
Paving	Paving	2019/12/04	2019/12/17	6	12
Architectural Coating	Architectural Coating	2019/12/18	2019/12/31	6	12

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Architectural Coating	Air Compressors	1	6	78	0.48
	Cranes	1	7	231	0.29
Building Construction	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
	Concrete/Industrial Saws	1	8	81	0.73
Demolition	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
	Excavators	1	8	158	0.38
Grading	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
	Cement and Mortar Mixers	2	6	9	0.56
Paving	Pavers	1	8	130	0.42
	Paving Equipment	2	6	132	0.36
	Rollers	2	6	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37

Construction Trips Data									
Subphase Name	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
Architectural Coating	5	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	1	0						
Demolition	15	0	28						
Grading	15	0	477						
Paving	20	0	0						

Table 10
RPD India Basin Shoreline Park

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/01/01	2020/01/18	6	16
Grading	Grading	2020/01/19	2020/02/15	6	24
Building Construction	Building Construction	2020/02/16	2020/11/23	6	241
Paving	Paving	2020/11/24	2020/12/11	6	16
Architectural Coating	Architectural Coating	2020/12/12	2020/12/31	6	17

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	20	0	6863						
Building Construction	23	1	0						
Paving	15	0	0						
Architectural Coating	5	0	0						

Table 11
BUILD Flats and Earl

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/11/01	2020/12/01	6	26
Grading	Grading	2020/12/02	2021/01/18	6	41
Building Construction	Building Construction	2021/01/19	2022/07/26	6	475
Architectural Coating	Architectural Coating	2021/01/19	2022/10/31	6	558
Paving	Paving	2022/07/27	2022/09/12	6	41

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
	Cranes	1	7	231	0.29
Building Construction	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
	Pavers	2	8	130	0.42
Paving	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	15	0	0						
Building Construction	378	71	0						
Paving	15	0	0						
Architectural Coating	76	0	0						

Table 12
BUILD Flats and Earl - Commercial Variant

Schedule						
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days	
Demolition	Demolition	2020/11/01	2020/12/01	6	26	
Grading	Grading	2020/12/02	2021/01/18	6	41	
Building Construction	Building Construction	2021/01/19	6/22/27/26	6	475	
Architectural Coating	Architectural Coating	2021/01/19	2022/10/31	6	558	
Paving	Paving	2022/07/27	2022/09/12	6	41	

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	15	0	0						
Building Construction	381	72	0						
Paving	15	0	0						
Architectural Coating	76	0	0						

Table 13
BUILD Beach Pier OS

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2021/11/01	2021/11/26	6	23
Building Construction	Building Construction	2021/11/27	2022/10/03	6	266
Paving	Paving	2022/10/04	2022/10/17	6	12
Architectural Coating	Architectural Coating	2022/10/18	2022/10/31	6	12

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	2	7	97	0.37
Building Construction	Cranes	1	8	231	0.29
	Forklifts	2	7	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	1	6	97	0.37
	Welders	3	8	46	0.45
	Cement and Mortar Mixers	1	8	9	0.56
Paving	Pavers	1	8	130	0.42
	Paving Equipment	1	8	132	0.36
	Rollers	2	8	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37
	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	10	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	20	0	0						
Paving	15	0	0						
Architectural Coating	4	0	0						

Table 14

Total Construction Emissions - Residential Variant

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	37.80	215.65	4.34	4.04	13.98
2019	41.17	245.02	5.81	5.40	15.43
2020	54.02	140.84	5.69	5.29	10.24
2021	50.86	109.07	4.45	4.18	8.70
2022	18.34	39.02	1.68	1.59	3.17
Maximum Average Daily	54.02	245.02	5.81	5.40	15.43

700 Innes

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	37.80	215.65	4.34	4.04	13.98
2019	37.80	215.65	4.34	4.04	13.98
2020	48.87	91.45	3.50	3.30	7.54
2021	48.87	91.45	3.50	3.30	7.54
2022	16.51	24.54	0.99	0.93	2.22
Maximum Average Daily	48.87	215.65	4.34	4.04	13.98

900 Innes

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	0.00	0.00	0.00	0.00	0.00
2019	3.37	29.37	1.48	1.36	1.46
2020	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00
Maximum Average Daily	3.37	29.37	1.48	1.36	1.46

India Basin Shoreline Park

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00
2020	3.16	31.77	1.24	1.11	1.54
2021	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00
Maximum Average Daily	3.16	31.77	1.24	1.11	1.54

India Basin Open Space

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00
2020	1.88	17.09	0.94	0.88	1.16
2021	1.88	17.09	0.94	0.88	1.16
2022	1.82	14.48	0.70	0.67	0.95
Maximum Average Daily	1.88	17.09	0.94	0.88	1.16

[illegible]

Table 16

Total Construction Emissions - Commercial Variant

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	33.04	218.82	4.31	4.02	13.39
2019	36.41	248.19	5.79	5.38	14.84
2020	53.51	150.14	5.99	5.57	10.18
2021	50.35	118.37	4.75	4.46	8.64
2022	22.59	45.14	2.01	1.90	3.70
Maximum Average Daily	53.51	248.19	5.99	5.57	14.84

700 Innes

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	33.04	218.82	4.31	4.02	13.39
2019	33.04	218.82	4.31	4.02	13.39
2020	48.36	100.75	3.81	3.58	7.49
2021	48.36	100.75	3.81	3.58	7.49
2022	20.76	30.67	1.31	1.24	2.75
Maximum Average Daily	48.36	218.82	4.31	4.02	13.39

900 Innes

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	0.00	0.00	0.00	0.00	0.00
2019	3.37	29.37	1.48	1.36	1.46
2020	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00
Maximum Average Daily	3.37	29.37	1.48	1.36	1.46

India Basin Shoreline Park

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00
2020	3.16	31.77	1.24	1.11	1.54
2021	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00
Maximum Average Daily	3.16	31.77	1.24	1.11	1.54

India Basin Open Space

	ROG	NOx	PM10 (exhaust)	PM2.5 (exhaust)	PM2.5 (TOTAL)
2018	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00
2020	1.88	17.09	0.94	0.88	1.16
2021	1.88	17.09	0.94	0.88	1.16
2022	1.82	14.48	0.70	0.67	0.95
Maximum Average Daily	1.88	17.09	0.94	0.88	1.16

[illegible]

Table 28. RPD Shoreline Park - Over/Near Water

						Emission Factors (g/bhp-hr)											Emissions (lbs/duration)										
ITEM DESCRIPTION	Equipment Type	Size (HP)	Daily Eq hrs	Construction Duration	Load Factor	ROG	CO	NOx	PM10	PM 2.5	CO2	CH4	ROG	CO	NOx	PM10	PM 2.5	CO2	CH4								
				Hrs																							
Floating Pier square, L=80'																											
	Truck - Semi	380.00	2.00	11.25	0.38	0.08	2.6	1.29	0.008	0.008	474.5787	0.1535	0.286513	9.3116722	4.620022	0.0286513	0.0286513	1699.662	0.5497468								
	Crane, 100 ton	205.00	8.00	11.25	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.1179584	3.833649	1.9020797	0.0117958	0.0117958	697.35372	0.2255955								
Install Concrete Piles																											
	Crane, 100 ton	205.00	8.00	22.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.2306743	7.4969135	3.7196225	0.0230674	0.0230674	1363.7139	0.4411645								
	Pile, Hammer, D46	120.00	8.00	22.00	0.42	0.06	3.7	2.15	0.008	0.008	472.2162	0.1527	0.1466693	9.044604	5.2566482	0.0195559	0.0195559	1154.3266	0.3732732								
	Push Boat	380.00	8.00	22.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		9.2890527	42.309342	41.059696	1.1222971		0.4713.3649	0								
	Barge	0.00	8.00	22.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Small Generator, 3500 w	6.00	8.00	22.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.1391146	0.763623	0.9725103	0.0456537	0.0456537	122.38189	0.0124902								
Furnish and Install Wood Stringers (4x12 @ 2' OC)																											
	Crane, 100 ton	205.00	8.00	27.60	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.2893913	9.4052188	4.6664355	0.0289391	0.0289391	1710.8411	0.553461								
	Push Boat	380.00	8.00	27.60	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		11.653539	53.078993	51.511255	1.4079727		0.5913.1305	0								
	Barge	0.00		27.60		0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Small Generator, 3500 w	6.00	8.00	27.60	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.1745256	0.9579998	1.2200583	0.0572747	0.0572747	153.53364	0.0156695								
Furnish and Wood Decking (3x12)																											
	Crane, 100 ton	205.00	8.00	41.40	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.434087	14.107828	6.9996532	0.0434087	0.0434087	2566.2617	0.8301914								
	Pile, Hammer, D46	120.00	8.00	41.40	0.42	0.06	3.7	2.15	0.008	0.008	472.2162	0.1527	0.2760049	17.0203	9.8901744	0.0368006	0.0368006	2172.2328	0.7024324								
	Push Boat	380.00	8.00	41.40	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		17.480308	79.618489	77.266883	2.1119591		0.8869.6957	0								
	Barge	0.00		41.40		0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Small Generator, 3500 w	6.00	8.00	41.40	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.2617884	1.4369996	1.8300875	0.085912	0.085912	230.30047	0.0235042								
Furnish and Install Floats (13- EA, L=12' x 4')																											
	Crane, 100 ton	205.00	8.00	39.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.4089226	13.289983	6.5938762	0.0408923	0.0408923	2417.4929	0.7820644								
	Push Boat	380.00	8.00	39.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		16.466957	75.002925	72.787643	1.9895267		0.8355.5105	0								
	Barge	0.00		39.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Small Generator, 3500 w	6.00	8.00	39.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.2466123	1.3536953	1.7239955	0.0809316	0.0809316	216.94971	0.0221417								
Furnish and Install Pile Collars																											
	Crane, 100 ton	205.00	8.00	45.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.4718337	15.334596	7.6083187	0.0471834	0.0471834	2789.4149	0.902382								
	Push Boat	380.00	8.00	45.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		19.000335	86.541836	83.985742	2.2956077		0.9640.9736	0								
	Barge	0.00		45.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Small Generator, 3500 w	6.00	8.00	45.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.2845526	1.5619561	1.9892256	0.0933826	0.0933826	250.32659	0.0255481								
Furnish and Install Hand Rail																											
	Crane, 100 ton	205.00	8.00	8.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.0838815	2.7261504	1.35259	0.0083882	0.0083882	495.89598	0.1604235								
	Push Boat	380.00	8.00	8.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		3.3778374	15.385215	14.930799	0.408108		0.1713.9509	0								
	Barge	0.00		8.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Small Generator, 3500 w	6.00	8.00	8.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.0505871	0.2776811	0.3536401	0.0166014	0.0166014	44.502506	0.0045419								
	Port Welding Machine, 300 amp	26.00	8.00	8.00	0.45	0.12	4.1	4.55	0.128	0.128	568.299	0.084	0.0247623	0.8460467	0.9389054	0.0264132	0.0264132	117.27012	0.0173336								
Gangway (1-EA, 80' x 6')																											
	Crane, 100 ton	205.00	8.00	4.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.0419408	1.3630752	0.676295	0.0041941	0.0041941	247.94799	0.0802117								
	Push Boat	380.00	8.00	4.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		1.6889187	7.6926077	7.4653993	0.204054		0.856.97543	0								
	Barge	0.00		4.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	Small Generator, 3500 w	6.00	8.00	4.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.0252936	0.1388405	0.17682	0.0083007	0.0083007	22.251253	0.0022709								

Table 28. RPD Shoreline Park - Over/Near Water

						Emission Factors (g/bhp-hr)								Emissions (lbs/duration)											
ITEM DESCRIPTION		Equipment Type	Size (HP)	Daily Eq hrs	Construction Duration	Load Factor	ROG	CO	NOx	PM10	PM2.5	CO2	CH4	ROG	CO	NOx	PM10	PM2.5	CO2	CH4					
Floating Dock square, L=80'																									
		Truck - Semi	380.00	2.00	2.00	0.38	0.08	2.6	1.29	0.008	0.008	474.5787	0.1535	0.0509356	1.6554084	0.8213372	0.0050936	0.0050936	302.16214	0.0977328					
		Crane, 100 ton	205.00	8.00	2.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.0209704	0.6815376	0.3381475	0.002097	0.002097	123.97399	0.0401059					
Install Concrete Piles																									
		Crane, 100 ton	205.00	8.00	22.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.2306743	7.4969135	3.7196225	0.0230674	0.0230674	1363.7139	0.4411645					
		Pile, Hammer, D46	120.00	8.00	22.00	0.42	0.06	3.7	2.15	0.008	0.008	472.2162	0.1527	0.1466693	9.044604	5.2556482	0.0195559	0.0195559	1154.3266	0.3732732					
		Push Boat	380.00	8.00	22.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		9.2890527	42.309342	41.059696	1.1222971		0	4713.3649					
		Barge	0.00	8.00	22.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Small Generator, 3500 w	6.00	8.00	22.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.1391146	0.763623	0.9725103	0.0456537	0.0456537	122.38189	0.0124902					
Furnish and Wood Decking (3x12)																									
		Crane, 100 ton	205.00	8.00	93.15	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.9766958	31.742613	15.74922	0.0976696	0.0976696	5774.0888	1.8679307					
		Pile, Hammer, D46	120.00	8.00	93.15	0.42	0.06	3.7	2.15	0.008	0.008	472.2162	0.1527	0.621011	38.295675	22.252892	0.0828015	0.0828015	4887.5239	1.5804729					
		Push Boat	380.00	8.00	93.15	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		39.330694	179.1416	173.85049	4.751908		0	19956.815					
		Barge	0.00		93.15		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Small Generator, 3500 w	6.00	8.00	93.15	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.589024	3.2332492	4.1176969	0.193302	0.193302	518.17605	0.0528845					
Furnish and Install Float , 1 ea, 90 x 120																									
		Crane, 100 ton	205.00	8.00	8.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.0838815	2.7261504	1.35259	0.0083882	0.0083882	495.89598	0.1604235					
		Push Boat	380.00	8.00	8.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		3.3778374	15.385215	14.930799	0.408108		0	1713.9509					
		Barge	0.00		8.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Small Generator, 3500 w	6.00	8.00	8.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.0505871	0.2776811	0.3536401	0.0166014	0.0166014	44.502506	0.0045419					
Furnish and Install Pile Collars																									
		Crane, 100 ton	205.00	8.00	8.00	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.0838815	2.7261504	1.35259	0.0083882	0.0083882	495.89598	0.1604235					
		Push Boat	380.00	8.00	8.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		3.3778374	15.385215	14.930799	0.408108		0	1713.9509					
		Barge	0.00		8.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Small Generator, 3500 w	6.00	8.00	8.00	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.0505871	0.2776811	0.3536401	0.0166014	0.0166014	44.502506	0.0045419					
Furnish and Install Hand Rail																									
		Crane, 100 ton	205.00	8.00	9.12	0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.095625	3.1078114	1.5419526	0.0095625	0.0095625	565.32142	0.1828827					
		Push Boat	380.00	8.00	9.12	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		3.8507346	17.539145	17.02111	0.4652432		0	1953.904					
		Barge	0.00		9.12		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Small Generator, 3500 w	6.00	8.00	9.12	0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.0576693	0.3165564	0.4031497	0.0189255	0.0189255	50.732856	0.0051777					
		Port Welding Machine, 300 amp	26.00	8.00	9.12	0.45	0.12	4.1	4.55	0.128	0.128	568.299	0.084	0.0282291	0.9644932	1.0703522	0.030111	0.030111	133.68793	0.0197603					

Table 29. 900 Innes - Over/Near Water

ITEM DESCRIPTION	EQUIPMENT TYPE	HP	DAILY EQ HRS	NSTRUCTION DURAT	Load Factor	Emission Factors (g/bhp-hr)				PM10	PM 2.5	CO2	CH4	Emissions (lbs/duration)				PM10	PM 2.5	CO2	CH4
						ROG	CO	NOx						ROG	CO	NOx					
Marsh Planting																					
Marsh Plants																					
	Case 580 tractor loader bh	80.00	8.00	36.60	0.37	0.11	3.7	2.14	0.008	0.008	485.8548	0.1537	0.2627242	8.8370871	5.1111801	0.0191072	0.0191072	1160.4165	0.3670974		
	Flatbed Truck	200.00	8.00	36.60	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.4905907	15.941197	7.9107744	0.0490591	0.0490591	2944.5883	0.931509		
Furnish and Install DG (Assume 6 Inches Thick) (Includes Redwood Hea																					
	Case 580 tractor loader bh	80.00	8.00	9.40	0.37	0.11	3.7	2.14	0.008	0.008	485.8548	0.1537	0.0674756	2.2696344	1.3127075	0.0049073	0.0049073	298.03048	0.0942816		
	Flatbed Truck	200.00	8.00	9.40	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.1259987	4.0949576	2.031729	0.0125999	0.0125999	756.26039	0.23924		
Gravel Beach (T=1')																					
Gravel	End Dump Truck, 10 cy	400.00	8.00	1.65	0.38	0.08	2.6	1.29	0.008	0.008	485.3832	0.1536	0.0442336	1.4375915	0.7132665	0.0044234	0.0044234	268.37798	0.0849285		
Gravel	Cat 14 H Grader	259.00	8.00	1.65	0.41	0.08	2.6	1.29	0.008	0.008	482.5879	0.1527	0.0309024	1.0043279	0.4983011	0.0030902	0.0030902	186.41404	0.058985		
Retaining Wall (H=10', L=570')																					
	Forklift, 6T	135.00	8.00	162.86	0.2	0.06	3.7	2.15	0.008	0.008	482.5975	0.1527	0.5816429	35.86798	20.842204	0.0775524	0.0775524	4678.3236	1.4802812		
	Flatbed Truck	200.00	8.00	162.86	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	2.1829561	70.946074	35.200167	0.2182956	0.2182956	13102.384	4.1448879		
	Small Generator, 3500 w	6.00	8.00	162.86	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	1.0553157	5.6782997	7.3601094	0.3570857	0.3570857	905.94386	0.0940538		
	Concrete Truck 8 CY	235.00		32.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.5039948	16.37983	8.1269158	0.0503995	0.0503995	3025.0416	0.9569601		
Water Feature																					
	Forklift, 6T	135.00	8.00	29.31	0.2	0.06	3.7	2.15	0.008	0.008	482.5975	0.1527	0.1046957	6.4562363	3.7515968	0.0139594	0.0139594	842.09824	0.2664506		
	Flatbed Truck	200.00	8.00	29.31	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.3929321	12.770293	6.3360301	0.0392932	0.0392932	2358.4291	0.7460798		
	Small Generator, 3500 w	6.00	8.00	29.31	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.1899568	1.0220939	1.3248197	0.0642754	0.0642754	163.0699	0.0169297		
	Concrete Truck 8 CY	235.00		3.80	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.0598494	1.9451049	0.9650713	0.0059849	0.0059849	359.22368	0.113639		
	Case 580 tractor loader bh	80.00	8.00	4.10	0.37	0.11	3.7	2.14	0.008	0.008	485.8548	0.1537	0.0294596	0.9909127	0.5731225	0.0021425	0.0021425	130.11884	0.041163		
Concrete Steps																					
	Forklift, 6T	135.00	8.00	84.86	0.2	0.06	3.7	2.15	0.008	0.008	482.5975	0.1527	0.3030666	18.689105	10.859885	0.0404089	0.0404089	2437.6528	0.7713044		
	Flatbed Truck	200.00	8.00	84.86	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	1.137435	36.966638	18.34114	0.1137435	0.1137435	6827.0315	2.1597048		
	Small Generator, 3500 w	6.00	8.00	84.86	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.549875	2.958693	3.8350044	0.1860604	0.1860604	472.04443	0.049007		
	Concrete Truck 8 CY	235.00		3.80	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.0598494	1.9451049	0.9650713	0.0059849	0.0059849	359.22368	0.113639		
	Case 580 tractor loader bh	80.00	8.00	11.88	0.37	0.11	3.7	2.14	0.008	0.008	485.8548	0.1537	0.0852777	2.8684315	1.6590388	0.006202	0.006202	376.65979	0.1191562		
Floating Pier																					
Furnish and Deliver Concrete Prestressed Piles - 24 Ea																					
	Truck - Semi	380.00	2.00	6.00	0.38	0.08	2.6	1.29	0.008	0.008	485.3832	0.1536	0.1528069	4.9662252	2.4640117	0.0152807	0.0152807	927.12395	0.2933893		
	Crane, 100 ton	205.00	8.00	6.00	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.0629112	2.0446128	1.0144425	0.0062911	0.0062911	380.18914	0.1203176		
Install Concrete Piles																					
	Crane, 100 ton	205.00	8.00	22.00	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.2306743	7.4969135	3.7196225	0.0230674	0.0230674	1394.0268	0.4411645		
	Pile, Hammer, D46	120.00	8.00	22.00	0.42	0.06	3.7	2.15	0.008	0.008	482.2177	0.1526	0.1466693	9.044604	5.2556482	0.0195559	0.0195559	1178.7752	0.3730288		
	Push Boat	380.00	8.00	22.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135			214.24386		9.2890527	42.309342	41.059696	1.1222971		4713.3649		
	Barge	0.00	8.00	22.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	22.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.1425602	0.7670686	0.9942604	0.0482379	0.0482379	122.38189	0.0127055		
Furnish and Install Wood Stringers (4x12 @ 2' OC)																					
	Crane, 100 ton	205.00	8.00	5.01	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.0525308	1.7072517	0.8470595	0.0052531	0.0052531	317.45793	0.1004652		
	Push Boat	380.00	8.00	5.01	0.45	0.4222297	1.9231519	1.8663498	0.0510135			214.24386		2.1153706	9.6349911	9.3504126	0.2555777		1073.3617		
	Barge	0.00		5.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	5.01	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.0324648	0.1746824	0.2264202	0.0109851	0.0109851	27.869694	0.028934		
Furnish and Wood Decking (3x12)																					
	Crane, 100 ton	205.00	8.00	7.52	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.0787962	2.5608775	1.2705892	0.0078796	0.0078796	476.1869	0.1506978		
	Pile, Hammer, D46	120.00	8.00	7.52	0.42	0.06	3.7	2.15	0.008	0.008	482.2177	0.1526	0.0501009	3.0895545	1.7952817	0.0066801	0.0066801	402.65888	0.1274232		
	Push Boat	380.00	8.00	7.52	0.45	0.4222297	1.9231519	1.8663498	0.0510135			214.24386		3.173056	14.452487	14.025619	0.3833665		1610.0426		
	Barge	0.00		7.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	7.52	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.0486973	0.2620236	0.3396303	0.0164776	0.0164776	41.804541	0.0043401		

ITEM DESCRIPTION	EQUIPMENT TYPE	HP	DAILY EQ HRS	NSTRUCTION DURATI	Load Factor	Emission Factors (g/bhp-hr)				PM10	PM 2.5	CO2	CH4	Emissions (lbs/duration)				PM10	PM 2.5	CO2	CH4
						ROG	CO	NOx						ROG	CO	NOx					
Furnish and Install Floats (19- EA, L=6' x 4')																					
	Crane, 100 ton	205.00	8.00	57.00	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.597656	19.423821	9.6372037	0.0597656	0.0597656	3611.7968	1.1430172		
	Push Boat	380.00	8.00	57.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		24.067091	109.61966	106.38194	2.9077698		12211.9			
	Barge	0.00		57.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	57.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.3693605	1.9874049	2.5760383	0.12498	0.12498	317.08035	0.0329188		
Furnish and Install Pile Collars																					
	Crane, 100 ton	205.00	8.00	22.00	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.2306743	7.4969135	3.7196225	0.0230674	0.0230674	1394.0268	0.4411645		
	Push Boat	380.00	8.00	22.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		9.2890527	42.309342	41.059696	1.1222971		4713.3649			
	Barge	0.00		22.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	22.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.1425602	0.7670686	0.9942604	0.0482379	0.0482379	122.38189	0.0127055		
Furnish and Install Hand Rail																					
	Crane, 100 ton	205.00	8.00	5.08	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.0532648	1.7311055	0.8588946	0.0053265	0.0053265	321.89347	0.1018689		
	Push Boat	380.00	8.00	5.08	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		2.1449267	9.7696117	9.4810571	0.2591486		1088.3588			
	Barge	0.00		5.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	5.08	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.0329184	0.1771231	0.2295838	0.0111386	0.0111386	28.259091	0.0029338		
	Port Welding Machine, 300 amp	26.00	8.00	5.08	0.45	0.12	4.1	4.55	0.128	0.128	568.299	0.095	0.0157241	0.5372396	0.596205	0.0167724	0.0167724	74.466524	0.0124482		
Gangway (2-EA, 80' x 6')																					
	Crane, 100 ton	205.00	8.00	8.00	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.0838815	2.7261504	1.35259	0.0083882	0.0083882	506.91885	0.1604235		
	Push Boat	380.00	8.00	8.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		3.3778374	15.385215	14.930799	0.408108		1713.9509			
	Barge	0.00		8.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	8.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.0518401	0.278934	0.3615492	0.0175411	0.0175411	44.502506	0.0046202		
Existing Boat Yard Concrete Removal																					
Remove Concrete Pad																					
	Portable Air Compressor, 450 CFM	150.00	8.00	74.00	0.48	0.06	3.7	2.15	0.008	0.008	568.299	0.101	0.7047743	43.461084	25.254414	0.0939699	0.0939699	6675.3758	1.1863701		
	Cat 330 DL Excavator	268.00	8	74.00	0.38	0.08	2.6	1.29	0.008	0.008	481.2361	0.1523	1.3291522	43.197446	21.432579	0.1329152	0.1329152	7995.4502	2.5303735		
	On Highway Water Tanker	225.00		74.00																	
	Cat H160 DS Hyd Impact Brkrs			74.00																	
Remove Boat Ramp Rail																					
	Forklift, 6T	135.00	8.00	14.00	0.2	0.06	3.7	2.15	0.008	0.008	482.5975	0.1527	0.0500009	3.0833877	1.7916983	0.0066668	0.0066668	402.17168	0.1272522		
	Flatbed Truck	200.00	8.00	14.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.1876576	6.098873	3.0259793	0.0187658	0.0187658	1126.3453	0.3563149		
Marine Utilities																					
Electrical																					
	Flatbed Truck	200.00	8.00	30.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.4021235	13.069014	6.4842413	0.0402123	0.0402123	2413.597	0.763532		
	Case 580 tractor loader bh	80.00	8.00	30.00	0.37	0.11	3.7	2.14	0.008	0.008	485.8548	0.1537	0.2153477	7.243514	4.1894919	0.0156617	0.0156617	951.16109	0.3008995		
Water																					
	Flatbed Truck	200.00	8.00	30.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.4021235	13.069014	6.4842413	0.0402123	0.0402123	2413.597	0.763532		
	Case 580 tractor loader bh	80.00	8.00	30.00	0.37	0.11	3.7	2.14	0.008	0.008	485.8548	0.1537	0.2153477	7.243514	4.1894919	0.0156617	0.0156617	951.16109	0.3008995		
Storm Water Outfalls (24" diameter, 1 EA)																					
	Cat 330 L excavator	268.00	8.00	40.00	0.38	0.08	2.6	1.29	0.008	0.008	481.2361	0.1523	0.7184606	23.349971	11.585178	0.0718461	0.0718461	4321.865	1.3677694		
	Flatbed Truck	200.00	8.00	40.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.5361647	17.425351	8.6456551	0.0536165	0.0536165	3218.1293	1.0180426		
	Small Generator, 3500 w	6.00	8.00	40.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.2592003	1.39446701	1.8077462	0.0877053	0.0877053	222.51253	0.0231009		
	Hand Held Vib Plate Comp, 25"	11.00	8.00	20.00	0.43	0.12	4.1	4.55	0.128	0.128	568.299	0.059	0.0250269	0.8550856	0.9489365	0.0266954	0.0266954	118.523	0.0123049		

ITEM DESCRIPTION	EQUIPMENT TYPE	HP	DAILY EQ HRS	NSTRUCTION DURAT	Load Factor	Emission Factors (g/bhp-hr)				PM10	PM 2.5	CO2	CH4	Emissions (lbs/duration)				PM10	PM 2.5	CO2	CH4
						ROG	CO	NOx						ROG	CO	NOx					
Improvements to Existing Features to Remain																					
Concrete Retaining Wall Resurfacing/Repair																					
	Small Generator, 3500 w	6.00	8.00	18.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.1166402	0.6276015	0.8134858	0.0394674	0.0394674	100.13064	0.0103954		
Concrete Deck																					
	Forklift, 6T	135.00	8.00	331.71	0.2	0.06	3.7	2.15	0.008	0.008	482.5975	0.1527	1.1847148	73.057411	42.452279	0.157962	0.157962	9529.0065	3.0150991		
	Flatbed Truck	200.00	8.00	331.71	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	4.4463369	144.50595	71.697183	0.4446337	0.4446337	26687.487	8.4424822		
	Small Generator, 3500 w	6.00	8.00	331.71	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	2.1495114	11.5658	14.991381	0.7273271	0.7273271	1845.2646	0.1915728		
	Concrete Truck 8 CY	235.00		21.50	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.3386215	11.005199	5.4602716	0.0338621	0.0338621	2032.4498	0.6429576		
New retaining wall (H= 5', L=160')																					
	Forklift, 6T	135.00	8.00	22.86	0.2	0.06	3.7	2.15	0.008	0.008	482.5975	0.1527	0.0816341	5.0341024	2.9252217	0.0108845	0.0108845	656.60682	0.2077588		
	Flatbed Truck	200.00	8.00	22.86	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.3063798	9.9573437	4.9403744	0.030638	0.030638	1838.931	0.5817387		
	Small Generator, 3500 w	6.00	8.00	22.86	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.1481145	0.7969543	1.0329978	0.0501173	0.0501173	127.15002	0.0132005		
	Concrete Truck 8 CY	235.00		3.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.0472495	1.5356091	0.7618984	0.004725	0.004725	283.59765	0.089715		
Switchback Bike Ramp																					
Furnish and Install Concrete Deck																					
	Forklift, 6T	135.00	8.00	108.00	0.2	0.06	3.7	2.15	0.008	0.008	482.5975	0.1527	0.3857211	23.786134	13.821672	0.0514295	0.0514295	3102.4672	0.9816602		
	Flatbed Truck	200.00	8.00	108.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	1.4476446	47.048449	23.343269	0.1447645	0.1447645	8688.9491	2.7487151		
	Small Generator, 3500 w	6.00	8.00	108.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.6998409	3.7656093	4.8809147	0.2368042	0.2368042	600.78382	0.0623725		
	Concrete Truck 8 CY	235.00		7.00	0.38	0.08	2.6	1.29	0.008	0.008	480.1703	0.1519	0.1102489	3.5830879	1.7777628	0.0110249	0.0110249	661.72784	0.209335		
	Case 580 tractor loader bh	80.00	8.00	15.12	0.37	0.11	3.7	2.14	0.008	0.008	485.8548	0.1537	0.1085352	3.6507311	2.1115039	0.0078935	0.0078935	479.38519	0.1516533		
Furnish and deliver concrete piles (Dia. = 16", L = 80', 18 EA																					
	Truck - Semi	380.00	2.00	4.50	0.38	0.08	2.6	1.29	0.008	0.008	485.3832	0.1536	0.1146052	3.7246689	1.8480088	0.0114605	0.0114605	695.34296	0.220042		
	Crane, 100 ton	205.00	8.00	4.50	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.0471834	1.5334596	0.7608319	0.0047183	0.0047183	285.14186	0.0902382		
Install Concrete Piles																					
	Crane, 100 ton	205.00	8.00	22.00	0.29	0.08	2.6	1.29	0.008	0.008	483.4616	0.153	0.2306743	7.4969135	3.7196225	0.0230674	0.0230674	1394.0268	0.4411645		
	Pile, Hammer, D46	120.00	8.00	22.00	0.42	0.06	3.7	2.15	0.008	0.008	482.2177	0.1526	0.1466693	9.044604	5.2556482	0.0195559	0.0195559	1178.7752	0.3730288		
	Push Boat	380.00	8.00	22.00	0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		9.2890527	42.309342	41.059696	1.1222971		4713.3649			
	Barge	0.00	8.00	22.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	22.00	0.74	0.662	3.562	4.617	0.224	0.224	568.299	0.059	0.1425602	0.7670686	0.9942604	0.0482379	0.0482379	122.38189	0.0127055		

Table 30. 700 Innes - Over/Near Water

ITEM DESCRIPTION	Equipment Type	Size (HP)	Daily Eq hrs	Action D Hrs	Emission Factors (g/bhp-hr)								Emissions (lbs/duration)							
					Load Factor	ROG	CO	NOx	PM10	PM2.5	CO2	CH4	ROG	CO	NOx	PM10	PM2.5	CO2	CH4	
Boardwalk																				
Furnish and Deliver Concrete Prestressed Piles - 104 Ea																				
	Truck - Semi	380.00	2.00	2.00		0.38	0.08	2.6	1.29	0.008	0.008	474.5787	0.1535	0.050935643	1.6554084	0.8213372	0.0050936	0.0050936	302.16214	0.0977328
	Crane, 100 ton	205.00	8.00	2.00		0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.020970387	0.6815376	0.3381475	0.002097	0.002097	123.97399	0.0401059
Install Concrete Piles																				
	Crane, 100 ton	205.00	8.00	32.00		0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.3355262	10.904601	5.41036	0.0335526	0.0335526	1983.5839	0.6416939
	Pile, Hammer, D46	120.00	8.00	32.00		0.42	0.06	3.7	2.15	0.008	0.008	472.2162	0.1527	0.213337096	13.155788	7.6445793	0.0284449	0.0284449	1679.0205	0.5429429
	Push Boat	380.00	8.00	32.00		0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		13.51134941	61.540861	59.723194	1.6324322		6855.8035	0
	Barge	0.00	8.00	32.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	32.00		0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.202348542	1.1107244	1.4145604	0.0664054	0.0664054	178.01002	0.0181675
Furnish and Install Wood Stringers (4x12 @ 2' OC)																				
	Crane, 100 ton	205.00	8.00	17.50		0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.18349089	5.9634539	2.9587906	0.0183491	0.0183491	1084.7725	0.3509263
	Push Boat	380.00	8.00	17.50		0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		7.389019207	33.655159	32.661122	0.8927363		3749.2675	0
	Barge	0.00		17.50		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	17.50		0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.110659359	0.6074274	0.7735877	0.0363155	0.0363155	97.349231	0.0099354
Furnish and Wood Decking (3x12)																				
	Crane, 100 ton	205.00	8.00	24.09		0.29	0.08	2.6	1.29	0.008	0.008	472.9488	0.153	0.252588317	8.2091203	4.0729866	0.0252588	0.0252588	1493.2668	0.4830752
	Pile, Hammer, D46	120.00	8.00	24.09		0.42	0.06	3.7	2.15	0.008	0.008	472.2162	0.1527	0.160602833	9.9038413	5.7549348	0.0214137	0.0214137	1263.9877	0.4087342
	Push Boat	380.00	8.00	24.09		0.45	0.4222297	1.9231519	1.8663498	0.0510135		214.24386		10.17151273	46.32873	44.960367	1.2289153		5161.1345	0
	Barge	0.00		24.09		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Small Generator, 3500 w	6.00	8.00	24.09		0.74	0.646	3.546	4.516	0.212	0.212	568.299	0.058	0.152330512	0.8361672	1.0648987	0.0499908	0.0499908	134.00817	0.0136767

Table 31. Operational Emissions - Residential Project

BUILD Hamman, Hillside Cove

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	7.55	0.11	8.45	0.01		0.39	0.39		0.39	0.39
Energy	0.07	0.64	0.36	0.00		0.05	0.05		0.05	0.05
Mobile	1.78	6.33	16.03	0.05	4.15	0.06	4.21	1.12	0.05	1.17
Stationary	0.08	0.56	0.21			0.01	0.01		0.01	0.01
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	9.48	7.63	25.05	0.06	4.15	0.51	4.66	1.12	0.51	1.63

RPD 900 Innes

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.03	0.09	0.22	0.00	0.05	0.00	0.05	0.01	0.00	0.02
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.06	0.09	0.23	0.00	0.05	0.00	0.05	0.01	0.00	0.02

RPD India Basin Shoreline Park

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.03	0.10	0.22	0.00	0.04	0.00	0.04	0.01	0.00	0.01
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.06	0.10	0.22	0.00	0.04	0.00	0.04	0.01	0.00	0.01

BUILD Big Green

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.01	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stationary	0.05	0.33	0.13			0.01	0.01		0.01	0.01
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.06	0.35	0.16	0.00	0.00	0.01	0.01	0.00	0.01	0.01

BUILD Shoreline Wetlands

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.01	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BUILD Flats and Earl Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	3.89	0.06	4.71	0.00	0.00	0.22	0.22	0.00	0.22	0.22
Energy	0.03	0.24	0.11	0.00	0.00	0.02	0.02	0.00	0.02	0.02
Mobile	0.74	2.50	6.05	0.02	1.39	0.02	1.41	0.37	0.02	0.39
Stationary	0.05	0.33	0.13			0.01	0.01		0.01	0.01
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4.70	3.13	10.99	0.02	1.39	0.27	1.65	0.37	0.27	0.64

BUILD Beach

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	tons/yr									
Area	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Area	63.05	0.94	72.15	0.05	0.00	3.37	3.37	0.00	3.37	3.37
Energy	0.56	4.88	2.62	0.03	0.00	0.39	0.39	0.00	0.39	0.39
Mobile	14.21	49.69	124.00	0.37	30.87	0.43	31.30	8.32	0.41	8.72
Stationary	0.97	6.69	2.52	0.00	0.00	0.15	0.15	0.00	0.15	0.15
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Operational Emissions - All Properties	14.38	11.35	36.74	0.08	5.63	0.79	6.42	1.52	0.79	2.30
Average Daily	78.79	62.21	201.29	0.44	30.87	4.33	35.20	8.32	4.31	12.62

Table 32. Operational Emissions - Commercial Variant

BUILD Hamman, Hillside Cove

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Category	tons/yr									
Area	5.51	0.01	0.61	0.00		0.03	0.03		0.03	0.03
Energy	0.10	0.91	0.75	0.01		0.07	0.07		0.07	0.07
Mobile	3.85	12.64	31.68	0.08	6.27	0.12	6.39	1.69	0.11	1.80
Stationary	0.10	0.67	0.25			0.01	0.01		0.01	0.01
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	9.56	14.22	33.29	0.09	6.27	0.23	6.50	1.69	0.22	1.91

RPD 900 Innes

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Category	tons/yr									
Area	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.03	0.09	0.22	0.00	0.05	0.00	0.05	0.01	0.00	0.02
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.06	0.09	0.23	0.00	0.05	0.00	0.05	0.01	0.00	0.02

RPD India Basin Shoreline Park

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Category	tons/yr									
Area	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.03	0.10	0.22	0.00	0.04	0.00	0.04	0.01	0.00	0.01
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.06	0.10	0.22	0.00	0.04	0.00	0.04	0.01	0.00	0.01

BUILD Big Green

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Category	tons/yr									
Area	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.01	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stationary	0.05	0.33	0.13	0.00	0.00	0.01	0.01	0.00	0.01	0.01
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.06	0.35	0.16	0.00	0.00	0.01	0.01	0.00	0.01	0.01

BUILD Shoreline Wetlands

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Category	tons/yr									
Area	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.01	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00

BUILD Flats and Earl Construction

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Category	tons/yr									
Area	3.73	0.06	4.71	0.00		0.22	0.22		0.22	0.22
Energy	0.03	0.24	0.11	0.00		0.02	0.02		0.02	0.02
Mobile	0.69	2.30	5.67	0.02	1.39	0.02	1.40	0.37	0.02	0.39
Stationary	0.05	0.33	0.13	0.00	0.00	0.01	0.01	0.00	0.01	0.01
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	4.49	2.94	10.61	0.02	1.39	0.27	1.65	0.37	0.26	0.64

BUILD Beach

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Category	tons/yr									
Area	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste						0.00	0.00		0.00	0.00
Water						0.00	0.00		0.00	0.00
Total	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	ROG	NOx	CO	SO2	PM10	PM10	Total	PM2.5	PM2.5	Total
Area	50.97	0.38	29.15	0.02	0.00	1.36	1.36	0.00	1.36	1.36
Energy	0.71	6.37	4.75	0.04	0.00	0.49	0.49	0.00	0.49	0.49
Mobile	25.30	83.20	207.69	0.54	42.48	0.75	43.23	11.45	0.70	12.15
Stationary	1.06	7.30	2.75	0.00	0.00	0.16	0.16	0.00	0.16	0.16
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total Operational Emissions - All Properties	14.24215	17.74866	44.59385	0.10918	7.75334	0.502438	8.255688	2.08898	0.494028	2.583028
Average Daily	78.04	97.25	244.35	0.60	42.48	2.75	45.24	11.45	2.71	14.15

Table 33. Trip Generation - Residential Project

	Size	Size	Daily Person Trips	PM Peak Hour as % of Daily	PM Peak Hour Auto Trips	Daily Auto Trips	PM Peak Hour Auto Trips (TI)	Daily Auto Trips (TI)
Residential	198 studio units	198	1,485	17%	790	4566	695	4017
	236 1-bedroom units	236	1,770	17%				
	805 2+ bedroom units	805	8,050	17%				
Commercial	174,930 sf General Office	174,930	3,166	9%	125	1471	109	1282
Retail	15,000 sf Restaurant	15,000	3,000	14%	779	8400	694	7484
	20,000 sf Café	20,000	4,000	14%				
	25,000 sf Supermarket	25,000	7,425	7%				
	40,400 sf General Retail	40,400	6,060	9%				
Educational	450 students	450	1,890	16%	208	1279	190	1168
	95 staff	95	190	25%				
Open Space	5.4 acres	5	131	26%	19	73	19	73
Open Space	5.6 acres of Shoreline Pk	6	137	26%	20	77		
	1.8 acres of 900 Innes Ave	2	44	26%	7	27		
	6.2 acres of Open Space	6	152	26%	21	81		

Table 34. Trip Generation - Maximum Commercial Variant

	Size	Size	Daily Person Trips	PM Peak Hour as % of Daily	PM Peak Hour Auto Trips	Daily Auto Trips	PM Peak Hour Auto Trips (TI)	Daily Auto Trips (TI)
Residential	50 studio units	50	375	17%	332	1919	294	1699
	125 1-bedroom units	125	938	17%				
	324 2+ bedroom units	324	3,240	17%				
Commercial	85,000 sf Clinical Use	85,000	3,681	15%	1048	10277	923	9051
	100,000 sf Administrative	100,000	3,640	16%				
	400,000 sf General Office & 275,000 sf	675,000	12,218	9%				
Retail	25,000 sf Restaurant	25,000	5,000	14%	1079	11423	965	10216
	20,000 sf Café	20,000	4,000	14%				
	25,000 sf Supermarket	25,000	7,425	7%				
	70,000 sf General Retail	70,000	10,500	9%				
Educational	450 students	450	1,890	16%	208	1279	190	1168
	95 staff	95	190	25%				
Open Space	5.4 acres	5	131	26%	19	73	58	224
Open Space	5.6 acres of Shoreline Pk	6	137	26%	20	77		
	1.8 acres of 900 Innes Ave	2	44	26%	7	27		
	6.2 acres of Open Space	6	152	26%	21	81		

Table 35
Proposed Residential Project
Average Trip Distance

		Miles			Trip %			Trip Purpose %				Average Trip Distance	Average Trip Distance	Average Trip Distance	Weighted Average Trip Distance	Annual VMT	Percentage of Total VMT
	Land Use	H-Wor C-W	H-S or C-C	H-O or C-NW	H-Wor C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by							
900 Innes	City Park	0.16	0.16	0.16	33	48	19	66	28	6		0.0528	0.0768	0.0304	0.16	2242.076	0.00014885
900 Innes	General Office Building	6.62	6.62	6.62	33	48	19	77	19	4		2.1846	3.1776	1.2578	6.62	139265.4	0.009245716
Big Green	City Park	0.16	0.16	0.16	33	48	19	66	28	6		0.0528	0.0768	0.0304	0.16	2260.206	0.000150053
Shoreline Park	City Park	0.16	0.16	0.16	33	48	19	66	28	6		0.0528	0.0768	0.0304	0.16	5789.512	0.000384361
Shoreline Park	General Office Building	6.62	6.62	6.62	33	48	19	77	19	4		2.1846	3.1776	1.2578	6.62	101133.2	0.006714151
Shoreline Park	Other Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Shoreline Park	Other Non-Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Shoreline Wetlands	City Park	0.16	0.16	0.16	33	48	19	66	28	6		0.0528	0.0768	0.0304	0.16	3100.229	0.000205822
Flats Earl	City Park	0.16	0.16	0.16	33	48	19	66	28	6		0.0528	0.0768	0.0304	0.16	586.2032	3.89175E-05
Flats Earl	Condo/Townhouse High Rise	6.7	6.7	6.7	31	15	54	86	11	3		2.077	1.005	3.618	6.7	3547913	0.235542986
Flats Earl	Enclosed Parking with Elevator	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Flats Earl	Other Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Flats Earl	Other Non-Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Flats Earl	Regional Shopping Center	0.28	0.28	0.28	16.3	64.7	19	54	35	11		0.04564	0.18116	0.0532	0.28	160575.8	0.010660496
Beach and Pier	City Park	0.16	0.16	0.16	33	48	19	66	28	6		0.0528	0.0768	0.0304	0.16	1414.14	9.38836E-05
Hamman Hillside	City Park	0.16	0.16	0.16	33	48	19	66	28	6		0.0528	0.0768	0.0304	0.16	1051.54	6.98109E-05
Hamman Hillside	Condo/Townhouse High Rise	6.7	6.7	6.7	31	15	54	86	11	3		2.077	1.005	3.618	6.7	6360673	0.422279768
Hamman Hillside	Elementary School	9.5	1.14	7.3	65	30	5	63	25	12		6.175	0.342	0.365	6.882	1588805	0.10547942
Hamman Hillside	Enclosed Parking with Elevator	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Hamman Hillside	General Office Building	6.62	6.62	6.62	33	48	19	77	19	4		2.1846	3.1776	1.2578	6.62	2900202	0.192542027
Hamman Hillside	Other Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Hamman Hillside	Other Non-Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0		0	0	0	0	0	0
Hamman Hillside	Regional Shopping Center	0.28	0.28	0.28	16.3	64.7	19	54	35	11		0.04564	0.18116	0.0532	0.28	247687.1	0.016443739

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Weighted Average Trip Distance	6.52
Project One-Way Trip Distance	1.32
Percentage	20.24%

Note: Project one-way trip distance based on maximum travel distance along modeled roadways.

Table 36
Maximum Commercial Variant
Average Trip Distance

		Miles			Trip %			Trip Purpose %							Weighted Average Trip Distance	Annual VMT	Percentage of Total VMT
	Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C- NW	Primary	Diverted	Pass-by	Average Trip Distance	Average Trip Distance	Average Trip Distance				
900 Innes	City Park	0.16	0.16	0.16	33	48	19	66	28	6	0.0528	0.0768	0.0304	0.16	2242.076113	0.000108164	
900 Innes	General Office Building	6.62	6.62	6.62	33	48	19	77	19	4	2.1846	3.1776	1.2578	6.62	139265.4199	0.006718555	
Big Green	City Park	0.16	0.16	0.16	33	48	19	66	28	6	0.0528	0.0768	0.0304	0.16	2260.206108	0.000109039	
Shoreline Park	City Park	0.16	0.16	0.16	33	48	19	66	28	6	0.0528	0.0768	0.0304	0.16	5789.511903	0.000279302	
Shoreline Park	General Office Building	6.62	6.62	6.62	33	48	19	77	19	4	2.1846	3.1776	1.2578	6.62	101133.2216	0.004878951	
Shoreline Park	Other Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Shoreline Park	Other Non-Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Shoreline Wetlands	City Park	0.16	0.16	0.16	33	48	19	66	28	6	0.0528	0.0768	0.0304	0.16	3100.229234	0.000149564	
Flats Earl	City Park	0.55	0.55	0.55	33	48	19	66	28	6	0.1815	0.264	0.1045	0.55	1945.258952	9.38448E-05	
Flats Earl	Condo/Townhouse High Rise	6.42	6.42	6.42	31	15	54	86	11	3	1.9902	0.963	3.4668	6.42	3547129.786	0.1711235	
Flats Earl	Enclosed Parking with Elevator	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Flats Earl	Other Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Flats Earl	Other Non-Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Flats Earl	Regional Shopping Center	0.28	0.28	0.28	16.3	64.7	19	54	35	11	0.04564	0.18116	0.0532	0.28	157582.0363	0.0076022	
Beach and Pier	City Park	0.16	0.16	0.16	33	48	19	66	28	6	0.0528	0.0768	0.0304	0.16	1414.139651	6.82221E-05	
Hamman Hillside	City Park	0.55	0.55	0.55	33	48	19	66	28	6	0.1815	0.264	0.1045	0.55	3489.433584	0.00016834	
Hamman Hillside	Condo/Townhouse High Rise	6.42	6.42	6.42	31	15	54	86	11	3	1.9902	0.963	3.4668	6.42	447385.7388	0.021583144	
Hamman Hillside	Elementary School	9.5	1.14	7.3	65	30	5	63	25	12	6.175	0.342	0.365	6.882	1588804.624	0.076648396	
Hamman Hillside	Enclosed Parking with Elevator	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Hamman Hillside	General Office Building	4.66	4.66	4.66	33	48	19	77	19	4	1.5378	2.2368	0.8854	4.66	14265834.62	0.688223917	
Hamman Hillside	Other Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Hamman Hillside	Other Non-Asphalt Surfaces	9.5	7.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	
Hamman Hillside	Regional Shopping Center	0.28	0.28	0.28	16.3	64.7	19	54	35	11	0.04564	0.18116	0.0532	0.28	461102.1162	0.022244861	

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Weighted Average Trip Distance	5.06
Project One-Way Trip Distance	1.32
Percentage	26.10%

Note: Project one-way trip distance based on maximum travel distance along modeled roadways.

Table 37
Proposed Project Traffic - Trip Distribution

	Direction												
	SR	SS	SL	WR	WS	WL	NR	NS	NL	ER	ES	EL	Total
1. Third Street/Evans Avenue	0	0	245	183	74	113	133	0	0	0	79	0	827
2. Jennings Street/Evans Avenue	0	12	311	243	370	0	0	0	0	0	456	0	1,392
3. Hunters Point Blvd/Hawes Street	0	797	0	0	0	0	0	622	0	0	0	0	1,419
4. Hunters Point Blvd/Innes Avenue	0	797	0	0	0	0	0	622	110	141	0	0	1,670
5. New Griffith St/Innes Avenue	150	0	4	6	582	0	0	0	0	0	748	190	1,680
6. Aurelius Walker Drive/Innes Avenue	260	0	7	13	328	0	0	0	0	0	306	446	1,360
7. Earl Street/Innes Avenue	322	0	7	8	19	0	0	0	0	0	11	302	669

	2. Jennings Street/Evans Avenue	Point Blvd/Hawes Street	4. Hunters Point Blvd/Innes Avenue	Griffith St/Innes Avenue	Walker Drive/Innes Avenue	7. Earl Street/Innes Avenue	Maximum	Percentage
Total Volumes								
Jennings Street	12						12	0.21%
Evans Avenue/Hunters Point Blvd	1137	1419	1419				1419	25.33%
Hawes Street		0					0	0.00%
Innes Avenue			1670	1680	1360	669	1680	29.99%
New Griffith Street				350			350	6.25%
Aurelius Walker Drive					726		726	12.96%
Earl Street						631	631	11.26%
Roadways SW of Innes Avenue	153						153	2.73%
Roadways SE of Innes Avenue						631	631	11.26%
							5602	

100.00%

Variant Traffic

	2. Jennings Street/Evans Avenue	3. Hunters Point Blvd/Hawes Street	4. Hunters Point Blvd/Innes Avenue	5. New Griffith St/Innes Avenue	6. Aurelius Walker Drive/Innes Avenue	7. Earl Street/Innes Avenue	Maximum	Percentage
Total Volumes								
Jennings Street	38						38	0.51%
Evans Avenue/Hunters Point Blvd	1601	1881	1881				1881	25.02%
Hawes Street		0					0	0.00%
Innes Avenue			2213	2224	1814	894	2224	29.58%
New Griffith Street				445			445	5.92%
Aurelius Walker Drive					963		963	12.81%
Earl Street						845	845	11.24%
Roadways SW of Innes Avenue	277						277	3.68%
Roadways SE of Innes Avenue						845	845	11.24%
							7518	

100.00%

Table 38. Fleet Mix

Vehicle Type	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fuel Type	Gas	Gas	Gas	Gas	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Gas	Diesel	Gas
Percentage	0.607015	0.041018	0.19103	0.08757	0.01539	0.00487	0.02715	0.00873	0.00428	0.00462	0.00695	0.00093	0.00046

Note: Conservatively assumes all buses are diesel.

	Percentage
Gas	93.40%
Diesel	6.60%
Total	100.00%

Table 39**Vehicle Emissions by Roadway Segment**

Sum of CalEEMod Output for Operations

Proposed Project Traffic

Phase at All Properties

	Percentage from Table 37	ROG (tpy)	Fugitive PM2.5 (tpy)	Exhaust PM2.5 (tpy)	Total PM2.5 (tpy)	# Volumes (550 Total)	ROG (tpy)	Fug PM2.5 (tpy)	Exh PM2.5 (tpy)	Total PM2.5 (tpy)
Total Volumes										
Jennings Street	0.21%	0.524859	0.307196	0.015021	0.322211	8	0.00112	0.00066	0.00003	0.00069
Evans Avenue/Hunters Point Blvd	25.33%					46	0.13295	0.07781	0.00380	0.08162
Hawes Street	0.00%					4	0.00000	0.00000	0.00000	0.00000
Innes Avenue	29.99%					74	0.15740	0.09213	0.00450	0.09663
New Griffith Street	6.25%					3	0.03279	0.01919	0.00094	0.02013
Aurelious Walker Drive	12.96%					6	0.06802	0.03981	0.00195	0.04176
Earl Street	11.26%					39	0.05912	0.03460	0.00169	0.03629
Roadways SW of Innes Avenue	2.73%					327	0.01433	0.00839	0.00041	0.00880
Roadways SE of Innes Avenue	11.26%					43	0.05912	0.03460	0.00169	0.03629

Sum of CalEEMod Output for Operations

Commercial Variant Traffic

Phase at All Properties

	Percentage from Table 37	ROG (tpy)	Fugitive PM2.5 (tpy)	Exhaust PM2.5 (tpy)	Total PM2.5 (tpy)	# Volumes (550 Total)	ROG (tpy)	Fug PM2.5 (tpy)	Exh PM2.5 (tpy)	Total PM2.5 (tpy)
Total Volumes										
Jennings Street	0.51%	1.205009	0.545255	0.03336	0.578633	8	0.00609	0.00276	0.00017	0.00292
Evans Avenue/Hunters Point Blvd	25.02%					46	0.30149	0.13642	0.00835	0.14477
Hawes Street	0.00%					4	0.00000	0.00000	0.00000	0.00000
Innes Avenue	29.58%					74	0.35647	0.16130	0.00987	0.17117
New Griffith Street	5.92%					3	0.07133	0.03227	0.00197	0.03425
Aurelious Walker Drive	12.81%					6	0.15435	0.06984	0.00427	0.07412
Earl Street	11.24%					39	0.13544	0.06128	0.00375	0.06504
Roadways SW of Innes Avenue	3.68%					327	0.04440	0.02009	0.00123	0.02132
Roadways SE of Innes Avenue	11.24%					43	0.13544	0.06128	0.00375	0.06504

Table 40**Comparison of Fehr & Peers VMT with CalEEMod VMT****Max Residential**

Land Use	Proposed Land Use		Density		Population		Existing VMT		Daily VMT	Daily Auto Trips by Land Use	Average Vehicle Trip Length
Source:	Project Description		Density		column B*D or B/D		SF-CHAMP		column F*H	Travel Demand Memo	column J/K
Residential	1,239	Households	2.74	residents/HH	3,398	Residents	9.0	VMT/resident	30,583	4,566	6.70
Office	174,930	gsf	3.64	employee/ksf	637	Employees	15.3	VMT/employee	9,742	1,471	6.62
Retail	100,400	gsf	2.86	employee/ksf	287	Employees	8.1	VMT/employee	2,326	8,400	0.28
School					95	Employees	15.3	VMT/employee	1,454	1,279	1.14
Open Space	19	acres	-	-	5	Employees	8.1	VMT/employee	41	259	0.16

Total: **44,105**

Annualization Factor from SFCTA: **317**

Annual VMT: **13,981,261**

CalEEMod VMT from Table 35: **15,062,698**

Max Commercial

Land Use	Proposed Land Use		Density		Population		Existing VMT		Daily VMT	Daily Auto Trips by Land Use	Average Vehicle Trip Length
Source:	Project Description		Density		column B*D or B/D		SF-CHAMP		column F*H	Travel Demand Memo	column J/K
Residential	499	Households	2.74	residents/HH	1369	Residents	9.0	VMT/resident	12,317	1,919	6.42
Office	860,000	gsf	3.64	employee/ksf	3130	Employees	15.3	VMT/employee	47,895	10,277	4.66
Retail	140,000	gsf	2.86	employee/ksf	400	Employees	8.1	VMT/employee	3,243	11,423	0.28
School					95	Employees	15.3	VMT/employee	1,454	1,279	1.14
Open Space	19	acres	-	-	5	Employees	8.1	VMT/employee	41	259	0.16

Total: **64,950**

Annualization Factor from SFCTA: **317**

Annual VMT: **20,589,032**

CalEEMod VMT from Table 36: **20,728,478**

APPENDIX B – Model Inputs

PM2.5 and Diesel PM Calculations for Modeling

4056	hrs/yr

2018 Proposed Project

												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Grading	GRADE	-	118641.4	1.28E-01	7.73E-03	1.35E-01	6.29E-02	3.81E-03	6.67E-02	6.68E-08	4.05E-09	7.09E-08	15.4600
Building Construction	Phase1C1	-	6818.2	1.66E-02	1.01E-03	1.76E-02	8.19E-03	4.96E-04	8.70E-03	1.51E-07	9.16E-09	1.61E-07	2.0116
Building Construction	Phase1C2	-	2266.4	5.52E-03	3.34E-04	5.86E-03	2.72E-03	1.65E-04	2.89E-03	1.51E-07	9.16E-09	1.61E-07	0.6687
Building Construction	Phase1C3	-	514	1.25E-03	7.58E-05	1.33E-03	6.17E-04	3.74E-05	6.56E-04	1.51E-07	9.16E-09	1.61E-07	0.1516
Building Construction	Phase1C4	-	2464.8	6.00E-03	3.64E-04	6.38E-03	2.96E-03	1.79E-04	3.14E-03	1.51E-07	9.16E-09	1.61E-07	0.7272
Building Construction	Phase1C5	-	2343.5	5.71E-03	3.46E-04	6.06E-03	2.82E-03	1.70E-04	2.99E-03	1.51E-07	9.16E-09	1.61E-07	0.6914
Building Construction	Phase1C6	-	1413.5	3.44E-03	2.09E-04	3.66E-03	1.70E-03	1.03E-04	1.80E-03	1.51E-07	9.16E-09	1.61E-07	0.4170
Building Construction	Phase1C7	-	766.3	1.87E-03	1.13E-04	1.98E-03	9.21E-04	5.57E-05	9.78E-04	1.51E-07	9.16E-09	1.61E-07	0.2261
Building Construction	Phase1C8	-	734.6	1.79E-03	1.08E-04	1.90E-03	8.82E-04	5.34E-05	9.37E-04	1.51E-07	9.16E-09	1.61E-07	0.2167
Building Construction	Phase1C9	-	575.2	1.40E-03	8.49E-05	1.49E-03	6.91E-04	4.18E-05	7.34E-04	1.51E-07	9.16E-09	1.61E-07	0.1697
Road	Trucks	88	-	1.14E-01	3.43E-02	1.48E-01	5.63E-02	1.69E-02	7.32E-02	8.05E-05	2.42E-05	1.05E-04	68.6200
Road	Worker Vehicles	88	-	3.63E-03	1.20E-04	3.75E-03	1.79E-03	5.92E-05	1.85E-03	2.56E-06	8.47E-08	2.65E-06	15.40
Road	SUM											1.07E-04	

Speciate

2019 Proposed Project

												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Paving	GRADE	-	118641.4	1.27E-01	2.59E-03	1.29E-01	6.24E-02	1.28E-03	6.37E-02	6.62E-08	1.36E-09	6.76E-08	5.1800
Building Construction	Phase1C1	-	6818.2	1.66E-02	2.71E-03	1.93E-02	8.19E-03	1.34E-03	9.53E-03	1.51E-07	2.47E-08	1.76E-07	5.4175
Building Construction	Phase1C2	-	2266.4	5.52E-03	9.00E-04	6.42E-03	2.72E-03	4.44E-04	3.17E-03	1.51E-07	2.47E-08	1.76E-07	1.8008
Building Construction	Phase1C3	-	514	1.25E-03	2.04E-04	1.46E-03	6.17E-04	1.01E-04	7.18E-04	1.51E-07	2.47E-08	1.76E-07	0.4084
Building Construction	Phase1C4	-	2464.8	6.00E-03	9.79E-04	6.98E-03	2.96E-03	4.83E-04	3.44E-03	1.51E-07	2.47E-08	1.76E-07	1.9585
Building Construction	Phase1C5	-	2343.5	5.71E-03	9.31E-04	6.64E-03	2.82E-03	4.59E-04	3.27E-03	1.51E-07	2.47E-08	1.76E-07	1.8621
Building Construction	Phase1C6	-	1413.5	3.44E-03	5.62E-04	4.01E-03	1.70E-03	2.77E-04	1.97E-03	1.51E-07	2.47E-08	1.76E-07	1.1231
Building Construction	Phase1C7	-	766.3	1.87E-03	3.04E-04	2.17E-03	9.21E-04	1.50E-04	1.07E-03	1.51E-07	2.47E-08	1.76E-07	0.6089
Building Construction	Phase1C8	-	734.6	1.79E-03	2.92E-04	2.08E-03	8.82E-04	1.44E-04	1.03E-03	1.51E-07	2.47E-08	1.76E-07	0.5837
Building Construction	Phase1C9	-	575.2	1.40E-03	2.29E-04	1.63E-03	6.91E-04	1.13E-04	8.04E-04	1.51E-07	2.47E-08	1.76E-07	0.4570
900 Innes	RPD1	-	9243	4.10E-03	9.38E-03	1.35E-02	2.02E-03	4.62E-03	6.65E-03	2.76E-08	6.30E-08	9.06E-08	18.7523
900 Innes Offshore	PILE	-	31729	0.00E+00	2.79E-04	2.79E-04	0.00E+00	1.38E-04	1.38E-04	0.00E+00	5.47E-10	5.47E-10	0.5590
Road	Trucks	88	-	1.52E-01	4.31E-02	1.95E-01	7.48E-02	2.13E-02	9.61E-02	1.07E-04	3.04E-05	1.38E-04	86.2200
Road	Worker Vehicles	88	-	2.85E-01	9.54E-03	2.95E-01	1.41E-01	4.70E-03	1.45E-01	2.02E-04	6.74E-06	2.08E-04	1111.42
Road	SUM											3.46E-04	

Speciate

2020 Residential Project												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6818.2	0.00E+00	2.62E-03	2.62E-03	0.00E+00	1.29E-03	1.29E-03	0.00E+00	2.39E-08	2.39E-08	5.2499
Building Construction	Phase1C2	-	2266.4	0.00E+00	8.73E-04	8.73E-04	0.00E+00	4.30E-04	4.30E-04	0.00E+00	2.39E-08	2.39E-08	1.7451
Building Construction	Phase1C3	-	514	0.00E+00	1.98E-04	1.98E-04	0.00E+00	9.76E-05	9.76E-05	0.00E+00	2.39E-08	2.39E-08	0.3958
Building Construction	Phase1C4	-	2464.8	0.00E+00	9.49E-04	9.49E-04	0.00E+00	4.68E-04	4.68E-04	0.00E+00	2.39E-08	2.39E-08	1.8979
Building Construction	Phase1C5	-	2343.5	0.00E+00	9.02E-04	9.02E-04	0.00E+00	4.45E-04	4.45E-04	0.00E+00	2.39E-08	2.39E-08	1.8045
Building Construction	Phase1C6	-	1413.5	0.00E+00	5.44E-04	5.44E-04	0.00E+00	2.68E-04	2.68E-04	0.00E+00	2.39E-08	2.39E-08	1.0884
Building Construction	Phase1C7	-	766.3	0.00E+00	2.95E-04	2.95E-04	0.00E+00	1.45E-04	1.45E-04	0.00E+00	2.39E-08	2.39E-08	0.5900
Building Construction	Phase1C8	-	734.6	0.00E+00	2.83E-04	2.83E-04	0.00E+00	1.39E-04	1.39E-04	0.00E+00	2.39E-08	2.39E-08	0.5656
Building Construction	Phase1C9	-	575.2	0.00E+00	2.21E-04	2.21E-04	0.00E+00	1.09E-04	1.09E-04	0.00E+00	2.39E-08	2.39E-08	0.4429
Big Green	BIGGRN	-	23683.5	5.32E-03	3.25E-03	8.57E-03	2.62E-03	1.60E-03	4.23E-03	1.40E-08	8.53E-09	2.25E-08	6.5000
Shoreline Wetlands/IBOS	SHORE	-	21869.2	1.66E-02	1.73E-03	1.84E-02	8.19E-03	8.51E-04	9.07E-03	4.72E-08	4.90E-09	5.21E-08	3.4517
Shoreline Park	RPD2	-	29685.8	2.04E-02	6.96E-03	2.73E-02	1.01E-02	3.43E-03	1.35E-02	4.27E-08	1.46E-08	5.73E-08	13.9200
Shoreline Park Offshore	PILE	-	31729	0.00E+00	1.27E-03	1.27E-03	0.00E+00	6.26E-04	6.26E-04	0.00E+00	2.48E-09	2.48E-09	2.5374
Building Construction	Phase2C1	-	1298.9	3.72E-03	1.73E-04	3.89E-03	1.83E-03	8.51E-05	1.92E-03	1.78E-07	8.26E-09	1.86E-07	0.3453
Building Construction	Phase2C2	-	828.5	2.37E-03	1.10E-04	2.48E-03	1.17E-03	5.43E-05	1.22E-03	1.78E-07	8.26E-09	1.86E-07	0.2202
Building Construction	Phase2C3	-	3116.8	8.92E-03	4.14E-04	9.33E-03	4.40E-03	2.04E-04	4.60E-03	1.78E-07	8.26E-09	1.86E-07	0.8285
Building Construction	Phase2C4	-	1038.9	2.97E-03	1.38E-04	3.11E-03	1.47E-03	6.81E-05	1.53E-03	1.78E-07	8.26E-09	1.86E-07	0.2761
Building Construction	Phase2C5	-	1217.5	3.49E-03	1.62E-04	3.64E-03	1.72E-03	7.98E-05	1.80E-03	1.78E-07	8.26E-09	1.86E-07	0.3236
Building Construction	Phase2C6	-	1086.4	3.11E-03	1.44E-04	3.25E-03	1.53E-03	7.12E-05	1.60E-03	1.78E-07	8.26E-09	1.86E-07	0.2888
Building Construction	Phase2C7	-	2172.6	6.22E-03	2.89E-04	6.50E-03	3.07E-03	1.42E-04	3.21E-03	1.78E-07	8.26E-09	1.86E-07	0.5775
Road	Trucks	88	-	6.24E-02	1.96E-02	8.21E-02	3.08E-02	9.67E-03	4.05E-02	4.40E-05	1.39E-05	5.79E-05	39.2400
Road	Worker Vehicles	88	-	2.68E-01	8.91E-03	2.77E-01	1.32E-01	4.39E-03	1.37E-01	1.89E-04	6.29E-06	1.95E-04	967.48
Road	SUM											2.53E-04	

Speciate

2021 Residential Project												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6818.2	0.00E+00	1.90E-05	1.90E-05	0.00E+00	9.39E-06	9.39E-06	0.00E+00	1.74E-10	1.74E-10	0.0381
Building Construction	Phase1C2	-	2266.4	0.00E+00	6.33E-06	6.33E-06	0.00E+00	3.12E-06	3.12E-06	0.00E+00	1.74E-10	1.74E-10	0.0127
Building Construction	Phase1C3	-	514	0.00E+00	1.44E-06	1.44E-06	0.00E+00	7.08E-07	7.08E-07	0.00E+00	1.74E-10	1.74E-10	0.0029
Building Construction	Phase1C4	-	2464.8	0.00E+00	6.89E-06	6.89E-06	0.00E+00	3.40E-06	3.40E-06	0.00E+00	1.74E-10	1.74E-10	0.0138
Building Construction	Phase1C5	-	2343.5	0.00E+00	6.55E-06	6.55E-06	0.00E+00	3.23E-06	3.23E-06	0.00E+00	1.74E-10	1.74E-10	0.0131
Building Construction	Phase1C6	-	1413.5	0.00E+00	3.95E-06	3.95E-06	0.00E+00	1.95E-06	1.95E-06	0.00E+00	1.74E-10	1.74E-10	0.0079
Building Construction	Phase1C7	-	766.3	0.00E+00	2.14E-06	2.14E-06	0.00E+00	1.06E-06	1.06E-06	0.00E+00	1.74E-10	1.74E-10	0.0043
Building Construction	Phase1C8	-	734.6	0.00E+00	2.05E-06	2.05E-06	0.00E+00	1.01E-06	1.01E-06	0.00E+00	1.74E-10	1.74E-10	0.0041
Building Construction	Phase1C9	-	575.2	0.00E+00	1.61E-06	1.61E-06	0.00E+00	7.92E-07	7.92E-07	0.00E+00	1.74E-10	1.74E-10	0.0032
Big Green	BIGGRN	-	23683.5	0.00E+00	1.67E-03	1.67E-03	0.00E+00	8.23E-04	8.23E-04	0.00E+00	4.38E-09	4.38E-09	3.3400
Shoreline Wetlands/IBOS	SHORE	-	21869.2	0.00E+00	4.48E-03	4.48E-03	0.00E+00	2.21E-03	2.21E-03	0.00E+00	1.27E-08	1.27E-08	8.9552
Building Construction	Phase2C1	-	1298.9	3.72E-03	8.49E-04	4.57E-03	1.83E-03	4.18E-04	2.25E-03	1.78E-07	4.06E-08	2.18E-07	1.6973
Building Construction	Phase2C2	-	828.5	2.37E-03	5.41E-04	2.92E-03	1.17E-03	2.67E-04	1.44E-03	1.78E-07	4.06E-08	2.18E-07	1.0826
Building Construction	Phase2C3	-	3116.8	8.92E-03	2.04E-03	1.10E-02	4.40E-03	1.00E-03	5.41E-03	1.78E-07	4.06E-08	2.18E-07	4.0728
Building Construction	Phase2C4	-	1038.9	2.97E-03	6.79E-04	3.66E-03	1.47E-03	3.35E-04	1.80E-03	1.78E-07	4.06E-08	2.18E-07	1.3576
Building Construction	Phase2C5	-	1217.5	3.49E-03	7.95E-04	4.29E-03	1.72E-03	3.92E-04	2.11E-03	1.78E-07	4.06E-08	2.18E-07	1.5910
Building Construction	Phase2C6	-	1086.4	3.11E-03	7.10E-04	3.82E-03	1.53E-03	3.50E-04	1.89E-03	1.78E-07	4.06E-08	2.18E-07	1.4196
Building Construction	Phase2C7	-	2172.6	6.22E-03	1.42E-03	7.65E-03	3.07E-03	7.00E-04	3.77E-03	1.78E-07	4.06E-08	2.18E-07	2.8390
Beach Pier	BEACH	-	5190.4	1.72E-02	9.20E-04	1.81E-02	8.48E-03	4.54E-04	8.94E-03	2.06E-07	1.10E-08	2.17E-07	1.8400
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.70E-02	0.003	0.020	8.38E-03	1.28E-03	9.66E-03	1.20E-05	1.84E-06	1.38E-05	5.2000
Road	Worker Vehicles	88	-	1.25E-01	0.004	0.129	6.15E-02	2.01E-03	6.34E-02	8.80E-05	2.87E-06	9.09E-05	420.68
Road	SUM				0.007	0.148					1.05E-04		

Speciate

2022 Residential Project												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Building Construction	Phase2C1	-	1298.9	0.00E+00	5.92E-04	5.92E-04	0.00E+00	2.92E-04	2.92E-04	0.00E+00	2.83E-08	2.83E-08	1.1831
Building Construction	Phase2C2	-	828.5	0.00E+00	3.77E-04	3.77E-04	0.00E+00	1.86E-04	1.86E-04	0.00E+00	2.83E-08	2.83E-08	0.7546
Building Construction	Phase2C3	-	3116.8	0.00E+00	1.42E-03	1.42E-03	0.00E+00	7.00E-04	7.00E-04	0.00E+00	2.83E-08	2.83E-08	2.8388
Building Construction	Phase2C4	-	1038.9	0.00E+00	4.73E-04	4.73E-04	0.00E+00	2.33E-04	2.33E-04	0.00E+00	2.83E-08	2.83E-08	0.9462
Building Construction	Phase2C5	-	1217.5	0.00E+00	5.54E-04	5.54E-04	0.00E+00	2.73E-04	2.73E-04	0.00E+00	2.83E-08	2.83E-08	1.1089
Building Construction	Phase2C6	-	1086.4	0.00E+00	4.95E-04	4.95E-04	0.00E+00	2.44E-04	2.44E-04	0.00E+00	2.83E-08	2.83E-08	0.9895
Building Construction	Phase2C7	-	2172.6	0.00E+00	9.89E-04	9.89E-04	0.00E+00	4.88E-04	4.88E-04	0.00E+00	2.83E-08	2.83E-08	1.9788
Beach Pier	BEACH	-	5190.4	0.00E+00	4.34E-03	4.34E-03	0.00E+00	2.14E-03	2.14E-03	0.00E+00	5.19E-08	5.19E-08	8.6800
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.01E-02	1.37E-03	1.15E-02	4.98E-03	6.76E-04	5.67E-03	7.13E-06	9.67E-07	8.10E-06	2.7400
Road	Worker Vehicles	88	-	7.90E-02	2.50E-03	8.01E-02	3.89E-02	1.23E-03	3.95E-02	5.58E-05	1.77E-06	5.75E-05	247.54
Road	SUM											6.56E-05	

Speciate

Operations - Residential Project

												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
300 hp Emergency Engine at Flats & Earl	EMGEN4	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
300 hp Emergency Engine at Flats & Earl	EMGEN8	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621

[illegible]

Innes Avenue (North of Donahue Street)	INNESN	74	Trucks	6.08E-03	2.97E-04	6.37E-03	-	6.78E-05	6.78E-05	-	1.15E-07	1.15E-07	0.5942
Hunter's Point Boulevard	HUNT	32	Trucks	3.57E-03	1.75E-04	3.74E-03	-	3.99E-05	3.99E-05	-	1.57E-07	1.57E-07	0.3492
Evans Avenue	EVANS	14	Trucks	1.56E-03	7.64E-05	1.64E-03	-	1.74E-05	1.74E-05	-	1.57E-07	1.57E-07	0.1528
New Griffith Street	GRIFF	3	Trucks	1.27E-03	6.19E-05	1.33E-03	-	1.41E-05	1.41E-05	-	5.94E-07	5.94E-07	0.1238
New Hudson Street (Avenue?)	NHUD	43	Trucks	2.28E-03	1.12E-04	2.39E-03	-	2.55E-05	2.55E-05	-	7.47E-08	7.47E-08	0.2232
Arelious Walker Drive	ARELI	6	Trucks	2.63E-03	1.28E-04	2.75E-03	-	2.93E-05	2.93E-05	-	6.16E-07	6.16E-07	0.2568
Earl Street (North of Innes Avenue)	EARLN	39	Trucks	2.28E-03	1.12E-04	2.39E-03	-	2.55E-05	2.55E-05	-	8.23E-08	8.23E-08	0.2232
Donahue Street (South of Galvez Avenue)	DONS	27	Trucks	4.57E-05	2.23E-06	4.79E-05	-	5.10E-07	5.10E-07	-	2.38E-09	2.38E-09	0.0045
Galvez Avenue	GALVEZ	6	Trucks	1.02E-05	4.96E-07	1.07E-05	-	1.13E-07	1.13E-07	-	2.38E-09	2.38E-09	0.0010
Innes Avenue (South of Donahue Street)	INNESS	14	Trucks	2.37E-05	1.16E-06	2.49E-05	-	2.64E-07	2.64E-07	-	2.38E-09	2.38E-09	0.0023
Hudson Avenue	HUDSON	17	Trucks	2.88E-05	1.41E-06	3.02E-05	-	3.21E-07	3.21E-07	-	2.38E-09	2.38E-09	0.0028
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Trucks	2.20E-05	1.08E-06	2.31E-05	-	2.46E-07	2.46E-07	-	2.38E-09	2.38E-09	0.0022
Friedell Street	FRIED	25	Trucks	4.23E-05	2.07E-06	4.44E-05	-	4.72E-07	4.72E-07	-	2.38E-09	2.38E-09	0.0041
Jerrold Avenue	JERR	20	Trucks	3.38E-05	1.65E-06	3.55E-05	-	3.78E-07	3.78E-07	-	2.38E-09	2.38E-09	0.0033
Northridge Road	NORTH	68	Trucks	1.15E-04	5.63E-06	1.21E-04	-	1.28E-06	1.28E-06	-	2.38E-09	2.38E-09	0.0113
Earl Street (South of Innes Avenue)	EARLS	8	Trucks	1.35E-05	6.62E-07	1.42E-05	-	1.51E-07	1.51E-07	-	2.38E-09	2.38E-09	0.0013
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Trucks	1.13E-04	5.54E-06	1.19E-04	-	1.27E-06	1.27E-06	-	2.38E-09	2.38E-09	0.0111
Ingalls Street	INGALLS	33	Trucks	5.58E-05	2.73E-06	5.86E-05	-	6.23E-07	6.23E-07	-	2.38E-09	2.38E-09	0.0055
Jennings Street	JENN	8	Trucks	4.34E-05	2.12E-06	4.55E-05	-	4.85E-07	4.85E-07	-	7.63E-09	7.63E-09	0.0042
Middle Point Road	MIDDLE	29	Trucks	4.91E-05	2.40E-06	5.15E-05	-	5.48E-07	5.48E-07	-	2.38E-09	2.38E-09	0.0048
Hawes Street	HAWES	4	Trucks	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.0000

Innes Avenue (North of Donahue Street)	INNESN	74	Total			9.66E-02			2.07E-02			3.52E-05	N/A
Hunter's Point Boulevard	HUNT	32	Total			5.68E-02			1.21E-02			4.78E-05	N/A
Evans Avenue	EVANS	14	Total			2.48E-02			5.31E-03			4.78E-05	N/A
New Griffith Street	GRIFF	3	Total			2.01E-02			4.31E-03			1.81E-04	N/A
New Hudson Street (Avenue?)	NHUD	43	Total			3.63E-02			7.77E-03			2.28E-05	N/A
Arelious Walker Drive	ARELI	6	Total			4.18E-02			8.93E-03			1.88E-04	N/A
Earl Street (North of Innes Avenue)	EARLN	39	Total			3.63E-02			7.77E-03			2.51E-05	N/A
Donahue Street (South of Galvez Avenue)	DONS	27	Total			7.27E-04			1.55E-04			7.25E-07	N/A
Galvez Avenue	GALVEZ	6	Total			1.61E-04			3.45E-05			7.25E-07	N/A
Innes Avenue (South of Donahue Street)	INNESS	14	Total			3.77E-04			8.06E-05			7.25E-07	N/A
Hudson Avenue	HUDSON	17	Total			4.57E-04			9.79E-05			7.25E-07	N/A
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Total			3.50E-04			7.49E-05			7.25E-07	N/A
Friedell Street	FRIED	25	Total			6.73E-04			1.44E-04			7.25E-07	N/A
Jerrold Avenue	JERR	20	Total			5.38E-04			1.15E-04			7.25E-07	N/A
Northridge Road	NORTH	68	Total			1.83E-03			3.92E-04			7.25E-07	N/A
Earl Street (South of Innes Avenue)	EARLS	8	Total			2.15E-04			4.61E-05			7.25E-07	N/A
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Total			1.80E-03			3.86E-04			7.25E-07	N/A
Ingalls Street	INGALLS	33	Total			8.88E-04			1.90E-04			7.25E-07	N/A
Jennings Street	JENN	8	Total			6.90E-04			1.48E-04			2.33E-06	N/A
Middle Point Road	MIDDLE	29	Total			7.80E-04			1.67E-04			7.25E-07	N/A
Hawes Street	HAWES	4	Total			0.00E+00			0.00E+00			0.00E+00	N/A

0.307

0.015

0.322

Proposed Project

Construction Phase	Area Source	Area (m2)	g/s/m2 (1 g/s)
Phase 1	Grade	118641.4	8.4288E-06
	Phase1C1	6818.2	1.4667E-04
	Phase1C2	2266.4	4.4123E-04
	Phase1C3	514	1.9455E-03
	Phase1C4	2464.8	4.0571E-04
	Phase1C5	2343.5	4.2671E-04
	Phase1C6	1413.5	7.0746E-04
	Phase1C7	766.3	1.3050E-03
	Phase1C8	734.6	1.3613E-03
	Phase1C9	575.2	1.7385E-03
	BIGGRN	23683.5	4.2223E-05
	SHORE	21869.2	4.5726E-05
Phase 2	BEACH	5190.4	1.92663E-04
	Phase2C1	1298.9	7.69882E-04
	Phase2C2	828.5	1.20700E-03
	Phase2C3	3116.8	3.20842E-04
	Phase2C4	1038.9	9.62557E-04
	Phase2C5	1217.5	8.21355E-04
	Phase2C6	1086.4	9.20471E-04
	Phase2C7	2172.6	4.60278E-04

	Area Source	Area (m2)	g/s/m2 (1 g/s)
	RPD1	9243	1.08190E-04
	RPD2	29685.8	3.36861E-05

	Area Source	Area (m2)	g/s/m2 (1 g/s)
Offshore	PILE	31729	3.15169E-05

Maximum Commercial Variant

Construction Phase	Area Source	Area (m2)	g/s/m2 (1 g/s)
Phase 1	Grade	118641.4	8.42876E-06
	Phase1C1	6612.0	1.51240E-04
	Phase1C2	1468.6	6.80921E-04
	Phase1C3	514.0	1.94553E-03
	Phase1C4	4507.7	2.21843E-04
	Phase1C5	5671.8	1.76311E-04
	Phase1C6	766.3	1.30497E-03
	Phase1C7	734.6	1.36129E-03
	Phase1C8	575.2	1.73853E-03
	BIGGRN	23683.5	4.22235E-05
	SHORE	21869.2	4.57264E-05
Phase 2	BEACH	5190.4	1.92663E-04
	Phase2C1	1298.9	7.69882E-04
	Phase2C2	828.5	1.20700E-03
	Phase2C3	3116.8	3.20842E-04
	Phase2C4	1038.9	9.62557E-04
	Phase2C5	1217.5	8.21355E-04
	Phase2C6	1086.4	9.20471E-04
	Phase2C7	2172.6	4.60278E-04

	Area Source	Area (m2)	g/s/m2 (1 g/s)
	RPD1	9243	1.08190E-04
	RPD2	29685.8	3.36861E-05

	Area Source	Area (m2)	g/s/m2 (1 g/s)
Offshore	PILE	31729	3.15169E-05

Road Modeling Information for Operations

Road	Road Width (ft)	Road Width (m)	Source	Base Elevation	Model ID	Line Volume Src Type	Plume Height (m)	Plume Width (m)	Release Height (m)	Initial Lateral Dimension (m)	Initial Vertical Dimension (m)	# Volume Sources	Total Length (m)	g/s per vol (1 g/s)
Innes Avenue (North of Donahue Street)	44.00	13.41	Table 3-4,India_Basin_TIS2_9.23.	varies - AERMAP	INNESN	Adjacent	4.00	13.41	2.00	varies - based on plume width	2.30	74	997.8	0.01351351
Hunter's Point Boulevard	44.00	13.41	Table 3-4,India_Basin_TIS2_9.23.	varies - AERMAP	HUNT	Adjacent	4.00	13.41	2.00	varies - based on plume width	2.30	32	428.8	0.03125
Evans Avenue	44.00	13.41	Table 3-4,India_Basin_TIS2_9.23.	varies - AERMAP	EVANS	Adjacent	4.00	13.41	2.00	varies - based on plume width	2.30	14	185.4	0.07142857
New Griffith Street	26.00	7.92	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	GRIFF	Adjacent	4.00	7.92	2.00	varies - based on plume width	2.30	3	23.6	0.33333333
New Hudson Street (Avenue?)	35.00	10.67	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	NHUD	Adjacent	4.00	10.67	2.00	varies - based on plume width	2.30	43	463.8	0.02325581
Arelious Walker Drive	40.00	12.19	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	ARELI	Adjacent	4.00	12.19	2.00	varies - based on plume width	2.30	6	71.2	0.16666667
Earl Street (North of Innes Avenue)	28.00	8.53	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	EARLN	Adjacent	4.00	8.53	2.00	varies - based on plume width	2.30	39	337.1	0.02564103
Donahue Street (South of Galvez Avenue)	40.00	12.19	Google Earth Measurement	varies - AERMAP	DONS	Adjacent	4.00	12.19	2.00	varies - based on plume width	2.30	27	326.6	0.03703704
Galvez Avenue	80.00	24.38	Google Earth Measurement	varies - AERMAP	GALVEZ	Adjacent	4.00	24.38	2.00	varies - based on plume width	2.30	6	155.8	0.16666667
Innes Avenue (South of Donahue Street)	40.00	12.19	Average Google Earth Measurement	varies - AERMAP	INNESS	Adjacent	4.00	12.19	2.00	varies - based on plume width	2.30	14	167.2	0.07142857
Hudson Avenue	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	HUDSON	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	17	168.3	0.05882353
Kirkwood Avenue/La Salle (South of Donahue Street)	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	KIRKS	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	13	129.7	0.07692308
Friedell Street	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	FRIED	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	25	248.1	0.04
Jerrold Avenue	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	JERR	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	20	199.9	0.05
Northridge Road	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	NORTH	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	68	664.5	0.01470588
Earl Street (South of Innes Avenue)	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	EARLS	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	8	82	0.125
Kirkwood Avenue (North of Donahue Street)	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	KIRKN	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	67	649.3	0.01492537
Ingalls Street	36.00	10.97	Average Google Earth Measurement	varies - AERMAP	INGALLS	Adjacent	4.00	10.97	2.00	varies - based on plume width	2.30	33	358.7	0.03030303
Jennings Street	42.00	12.80	Average Google Earth Measurement	varies - AERMAP	JENN	Adjacent	4.00	12.80	2.00	varies - based on plume width	2.30	8	96	0.125
Middle Point Road	34.00	10.36	Average Google Earth Measurement	varies - AERMAP	MIDDLE	Adjacent	4.00	10.36	2.00	varies - based on plume width	2.30	29	300.4	0.03448276
Hawes Street	60.00	18.29	Average Google Earth Measurement	varies - AERMAP	HAWES	Adjacent	4.00	18.29	2.00	varies - based on plume width	2.30	4	74.8	0.25

Road Modeling Information for Construction

Road	Road Width (ft)	Source
Innes Ave.	44.00	Table 3-4,India_Basin_TIS2_9.23.16. Circulaiton Subvariant
Hunter's Point Blvd	44.00	Table 3-4,India_Basin_TIS2_9.23.16. Circulaiton Subvariant
Evans Avenue	44.00	Table 3-4,India_Basin_TIS2_9.23.16. Circulaiton Subvariant

Adjacent Line Source Parameters - All Roads		Source
Model ID	CONST	---
Plume Height (m)	4.00	CRRP-HRA - release height = 2m
Plume Width (m)	13.41	Road Widths
Release Height (m)	2.00	CRRP-HRA
Initial Lateral Dimension (m)	varies	Based on Road Width
Initial Vertical Dimension (m)	2.30	CRRP-HRA
Base Elevation (m)	varies	AERMAP
# Volume Sources	88	LAKES
Total Length (m)	1182.5	LAKES

g/s per VOL (1 g/s)

0.011363636


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**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE 2018-2020 Existing Receptors - Residential Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION GRADE AREAPOLY 555042.085 4176328.678 6.096
LOCATION PHASE1C1 AREAPOLY 555026.479 4176281.861 6.096
LOCATION PHASE1C2 AREAPOLY 555222.916 4176198.157 7.620
LOCATION PHASE1C3 AREAPOLY 555289.282 4176118.664 12.192
LOCATION PHASE1C4 AREAPOLY 555231.976 4176205.533 5.182
LOCATION PHASE1C5 AREAPOLY 555317.935 4176185.976 6.096
LOCATION PHASE1C6 AREAPOLY 555317.253 4176112.524 6.096
LOCATION PHASE1C7 AREAPOLY 555172.354 4176309.620 4.572
LOCATION PHASE1C8 AREAPOLY 555097.859 4176300.036 4.572
LOCATION PHASE1C9 AREAPOLY 555465.541 4176252.551 4.572
LOCATION BIGGRN AREAPOLY 555029.810 4176309.841 4.572
LOCATION SHORE AREAPOLY 555121.109 4176331.718 4.572
LOCATION RPD1 AREAPOLY 554905.075 4176422.558 12.380
LOCATION RPD2 AREAPOLY 554918.029 4176546.199 15.180
LOCATION PILE AREAPOLY 555036.003 4176394.153 0.000
LOCATION PHASE2C1 AREAPOLY 555388.531 4176143.749 5.791
LOCATION PHASE2C2 AREAPOLY 555433.844 4176203.876 5.182
LOCATION PHASE2C3 AREAPOLY 555354.546 4176254.417 5.182
LOCATION PHASE2C4 AREAPOLY 555316.578 4176272.940 5.182
LOCATION PHASE2C5 AREAPOLY 555322.465 4176279.362 4.572
LOCATION PHASE2C6 AREAPOLY 555398.992 4176311.471 4.572
LOCATION PHASE2C7 AREAPOLY 555359.658 4176270.532 5.182
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 8
```

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** 555339.829, 4176031.731, 18.90, 2.00, 6.24
** 554903.494, 4176341.253, 12.12, 2.00, 6.24
** 554890.980, 4176370.453, 12.52, 2.00, 6.24
** 554890.980, 4176412.167, 12.52, 2.00, 6.24
** 554897.654, 4176446.373, 12.75, 2.00, 6.24
** 554913.506, 4176649.941, 14.38, 2.00, 6.24
** 554849.265, 4176789.267, 10.80, 2.00, 6.24
** 554702.430, 4176896.057, 9.06, 2.00, 6.24
** -----
LOCATION L0001430      VOLUME 555334.360 4176035.610 18.82
LOCATION L0001431      VOLUME 555323.423 4176043.369 18.65
LOCATION L0001432      VOLUME 555312.485 4176051.128 18.48
LOCATION L0001433      VOLUME 555301.548 4176058.887 18.31
LOCATION L0001434      VOLUME 555290.610 4176066.645 18.14
LOCATION L0001435      VOLUME 555279.672 4176074.404 17.97
LOCATION L0001436      VOLUME 555268.735 4176082.163 17.80
LOCATION L0001437      VOLUME 555257.797 4176089.922 17.63
LOCATION L0001438      VOLUME 555246.860 4176097.680 17.46
LOCATION L0001439      VOLUME 555235.922 4176105.439 17.29
LOCATION L0001440      VOLUME 555224.985 4176113.198 17.12
LOCATION L0001441      VOLUME 555214.047 4176120.957 16.95
LOCATION L0001442      VOLUME 555203.110 4176128.715 16.78
LOCATION L0001443      VOLUME 555192.172 4176136.474 16.61
LOCATION L0001444      VOLUME 555181.235 4176144.233 16.44
LOCATION L0001445      VOLUME 555170.297 4176151.992 16.27
LOCATION L0001446      VOLUME 555159.359 4176159.750 16.10
LOCATION L0001447      VOLUME 555148.422 4176167.509 15.93
LOCATION L0001448      VOLUME 555137.484 4176175.268 15.76
LOCATION L0001449      VOLUME 555126.547 4176183.027 15.59
LOCATION L0001450      VOLUME 555115.609 4176190.785 15.42
LOCATION L0001451      VOLUME 555104.672 4176198.544 15.25
LOCATION L0001452      VOLUME 555093.734 4176206.303 15.08
LOCATION L0001453      VOLUME 555082.797 4176214.062 14.91
LOCATION L0001454      VOLUME 555071.859 4176221.820 14.74
LOCATION L0001455      VOLUME 555060.922 4176229.579 14.57
LOCATION L0001456      VOLUME 555049.984 4176237.338 14.40
LOCATION L0001457      VOLUME 555039.046 4176245.096 14.23
LOCATION L0001458      VOLUME 555028.109 4176252.855 14.06
LOCATION L0001459      VOLUME 555017.171 4176260.614 13.89
LOCATION L0001460      VOLUME 555006.234 4176268.373 13.72
LOCATION L0001461      VOLUME 554995.296 4176276.131 13.55
LOCATION L0001462      VOLUME 554984.359 4176283.890 13.38
LOCATION L0001463      VOLUME 554973.421 4176291.649 13.21
LOCATION L0001464      VOLUME 554962.484 4176299.408 13.04
LOCATION L0001465      VOLUME 554951.546 4176307.166 12.87
LOCATION L0001466      VOLUME 554940.608 4176314.925 12.70
LOCATION L0001467      VOLUME 554929.671 4176322.684 12.53
LOCATION L0001468      VOLUME 554918.733 4176330.443 12.36
LOCATION L0001469      VOLUME 554907.796 4176338.201 12.19
LOCATION L0001470      VOLUME 554900.289 4176348.731 12.22
LOCATION L0001471      VOLUME 554895.007 4176361.057 12.39
LOCATION L0001472      VOLUME 554890.980 4176373.640 12.52
LOCATION L0001473      VOLUME 554890.980 4176387.050 12.52
LOCATION L0001474      VOLUME 554890.980 4176400.460 12.52
LOCATION L0001475      VOLUME 554891.306 4176413.839 12.53
LOCATION L0001476      VOLUME 554893.874 4176427.000 12.62
LOCATION L0001477      VOLUME 554896.442 4176440.162 12.71

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LOCATION	L0001478	VOLUME	554898.204	4176453.434	12.81
LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

** End of LINE VOLUME Source ID = CONST

** Source Parameters **

SRCPARAM	GRADE	8.43E-06	2.000	61	1.400
AREAVERT	GRADE	555042.085	4176328.678	555007.327	4176277.605
AREAVERT	GRADE	555037.829	4176257.034	555055.563	4176281.861
AREAVERT	GRADE	555074.006	4176269.093	555054.144	4176242.846
AREAVERT	GRADE	555092.449	4176216.600	555110.893	4176242.846
AREAVERT	GRADE	555130.045	4176229.369	555112.311	4176203.832
AREAVERT	GRADE	555138.557	4176185.389	555154.163	4176212.344
AREAVERT	GRADE	555185.375	4176190.354	555168.350	4176166.946
AREAVERT	GRADE	555259.147	4176102.394	555276.172	4176129.350
AREAVERT	GRADE	555288.940	4176120.128	555272.625	4176092.464
AREAVERT	GRADE	555285.394	4176084.661	555302.418	4176110.197
AREAVERT	GRADE	555352.073	4176074.020	555335.048	4176049.193
AREAVERT	GRADE	555351.363	4176039.262	555547.145	4176317.329
AREAVERT	GRADE	555526.574	4176332.934	555515.224	4176332.934

AREAVERT	GRADE	555506.712	4176342.156	555490.397	4176357.052
AREAVERT	GRADE	555481.884	4176360.599	555469.116	4176370.530
AREAVERT	GRADE	555456.348	4176386.136	555452.092	4176390.392
AREAVERT	GRADE	555440.033	4176392.520	555403.856	4176428.697
AREAVERT	GRADE	555396.053	4176437.209	555387.540	4176441.466
AREAVERT	GRADE	555364.132	4176479.771	555349.945	4176491.830
AREAVERT	GRADE	555337.176	4176506.726	555318.024	4176514.529
AREAVERT	GRADE	555296.743	4176506.726	555271.916	4176484.027
AREAVERT	GRADE	555264.822	4176473.386	555261.985	4176464.874
AREAVERT	GRADE	555249.216	4176442.175	555226.517	4176423.732
AREAVERT	GRADE	555208.783	4176400.323	555191.049	4176374.786
AREAVERT	GRADE	555181.828	4176367.693	555168.350	4176354.924
AREAVERT	GRADE	555158.419	4176347.121	555144.941	4176340.737
AREAVERT	GRADE	555127.917	4176337.191	555120.114	4176329.388
AREAVERT	GRADE	555114.439	4176329.388	555098.834	4176337.191
AREAVERT	GRADE	555086.065	4176328.678	555078.262	4176335.062
AREAVERT	GRADE	555081.100	4176342.865	555074.006	4176347.831
AREAVERT	GRADE	555052.726	4176320.166		
SRCPARAM	PHASE1C1	0.00014667	2.000	29	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555110.129	4176243.865
AREAVERT	PHASE1C1	555129.845	4176230.024	555139.976	4176222.985
AREAVERT	PHASE1C1	555123.661	4176198.157	555135.011	4176189.645
AREAVERT	PHASE1C1	555152.744	4176214.472	555186.084	4176189.645
AREAVERT	PHASE1C1	555198.852	4176208.798	555180.409	4176228.659
AREAVERT	PHASE1C1	555186.111	4176237.453	555180.127	4176244.292
AREAVERT	PHASE1C1	555184.893	4176249.767	555160.948	4176259.925
AREAVERT	PHASE1C1	555152.717	4176248.321	555147.779	4176249.512
AREAVERT	PHASE1C1	555153.454	4176262.708	555133.792	4176267.728
AREAVERT	PHASE1C1	555132.628	4176266.764	555094.523	4176277.886
AREAVERT	PHASE1C1	555094.751	4176280.015	555057.518	4176286.854
AREAVERT	PHASE1C1	555045.150	4176285.034		
SRCPARAM	PHASE1C2	0.00044123	2.000	20	1.400
AREAVERT	PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT	PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT	PHASE1C2	555213.328	4176137.084	555215.375	4176139.813
AREAVERT	PHASE1C2	555216.967	4176138.903	555215.830	4176136.856
AREAVERT	PHASE1C2	555232.885	4176125.031	555234.250	4176126.623
AREAVERT	PHASE1C2	555235.159	4176125.941	555233.567	4176123.439
AREAVERT	PHASE1C2	555248.576	4176112.069	555267.451	4176139.585
AREAVERT	PHASE1C2	555252.442	4176149.591	555244.710	4176138.448
AREAVERT	PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT	PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM	PHASE1C3	0.00195	2.000	4	1.400
AREAVERT	PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT	PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM	PHASE1C4	0.0004057	2.000	12	1.400
AREAVERT	PHASE1C4	555231.976	4176205.533	555251.760	4176172.104
AREAVERT	PHASE1C4	555261.766	4176177.562	555250.850	4176196.664
AREAVERT	PHASE1C4	555275.183	4176211.446	555284.279	4176202.804
AREAVERT	PHASE1C4	555256.763	4176155.731	555272.454	4176145.953
AREAVERT	PHASE1C4	555304.973	4176200.303	555289.964	4176212.583
AREAVERT	PHASE1C4	555284.506	4176218.723	555272.454	4176231.002
SRCPARAM	PHASE1C5	0.0004267	2.000	8	1.400
AREAVERT	PHASE1C5	555317.935	4176185.976	555283.597	4176137.084

AREAVERT	PHASE1C5	555299.060	4176125.941	555319.527	4176156.186
AREAVERT	PHASE1C5	555338.856	4176137.311	555324.757	4176120.028
AREAVERT	PHASE1C5	555339.084	4176109.795	555363.416	4176141.177
SRCPARAM	PHASE1C6	0.00070746	2.000	6	1.400
AREAVERT	PHASE1C6	555317.253	4176112.524	555310.431	4176103.428
AREAVERT	PHASE1C6	555351.136	4176075.229	555388.658	4176114.571
AREAVERT	PHASE1C6	555376.151	4176128.442	555343.177	4176094.331
SRCPARAM	PHASE1C7	0.00130497	2.000	4	1.400
AREAVERT	PHASE1C7	555172.354	4176309.620	555171.918	4176276.511
AREAVERT	PHASE1C7	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM	PHASE1C8	0.00136	2.000	3	1.400
AREAVERT	PHASE1C8	555097.859	4176300.036	555158.413	4176281.303
AREAVERT	PHASE1C8	555157.978	4176305.699		
SRCPARAM	PHASE1C9	0.00174	2.000	4	1.400
AREAVERT	PHASE1C9	555465.541	4176252.551	555485.145	4176238.610
AREAVERT	PHASE1C9	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM	BIGGRN	0.00004222	2.000	37	1.400
AREAVERT	BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT	BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT	BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT	BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT	BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT	BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT	BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT	BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT	BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT	BIGGRN	555310.070	4176426.231	555283.832	4176397.478
AREAVERT	BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT	BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT	BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT	BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT	BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT	BIGGRN	555118.162	4176329.858	555096.816	4176337.700
AREAVERT	BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT	BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT	BIGGRN	555041.488	4176328.551		
SRCPARAM	SHORE	0.00004573	2.000	34	1.400
AREAVERT	SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT	SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT	SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT	SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT	SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT	SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT	SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT	SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT	SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT	SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT	SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT	SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT	SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT	SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT	SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT	SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT	SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM	RPD1	0.0001082	2.000	24	1.400
AREAVERT	RPD1	554905.075	4176422.558	554980.246	4176369.605
AREAVERT	RPD1	554962.471	4176345.536	554982.468	4176331.094

AREAVERT	RPD1	554963.582	4176307.395	555016.535	4176270.365
AREAVERT	RPD1	555052.084	4176320.356	555067.636	4176307.765
AREAVERT	RPD1	555090.965	4176337.389	555081.707	4176343.314
AREAVERT	RPD1	555090.965	4176350.720	555088.373	4176352.942
AREAVERT	RPD1	555091.335	4176355.534	555088.003	4176358.867
AREAVERT	RPD1	555070.599	4176347.387	555049.121	4176367.383
AREAVERT	RPD1	555080.226	4176393.675	555077.264	4176396.637
AREAVERT	RPD1	555027.274	4176351.461	555010.980	4176372.197
AREAVERT	RPD1	555012.462	4176379.603	554994.317	4176375.530
AREAVERT	RPD1	554981.357	4176388.861	554906.927	4176439.221
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		
SRCPARAM	PHASE2C1	0.00076988	2.000	6	1.400
AREAVERT	PHASE2C1	555388.531	4176143.749	555402.038	4176131.985
AREAVERT	PHASE2C1	555419.901	4176159.870	555443.865	4176189.062
AREAVERT	PHASE2C1	555429.051	4176200.826	555407.702	4176174.684
SRCPARAM	PHASE2C2	0.001207	2.000	4	1.400
AREAVERT	PHASE2C2	555433.844	4176203.876	555446.044	4176196.033
AREAVERT	PHASE2C2	555475.672	4176243.525	555462.165	4176250.932
SRCPARAM	PHASE2C3	0.0003208	2.000	15	1.400
AREAVERT	PHASE2C3	555354.546	4176254.417	555332.633	4176202.834
AREAVERT	PHASE2C3	555346.815	4176191.596	555347.885	4176193.737
AREAVERT	PHASE2C3	555368.221	4176180.893	555366.348	4176179.287
AREAVERT	PHASE2C3	555384.008	4176170.190	555420.399	4176215.946
AREAVERT	PHASE2C3	555404.611	4176227.451	555381.065	4176240.295
AREAVERT	PHASE2C3	555373.037	4176223.973	555393.908	4176212.467
AREAVERT	PHASE2C3	555380.529	4176195.610	555354.574	4176209.256
AREAVERT	PHASE2C3	555371.699	4176246.717		
SRCPARAM	PHASE2C4	0.00096256	2.000	6	1.400

AREAVERT	PHASE2C4	555316.578	4176272.940	555289.285	4176245.379
AREAVERT	PHASE2C4	555313.100	4176219.959	555327.816	4176232.000
AREAVERT	PHASE2C4	555314.438	4176245.647	555329.690	4176260.631
SRCPARAM	PHASE2C5	0.0008214	2.000	8	1.400
AREAVERT	PHASE2C5	555322.465	4176279.362	555338.252	4176268.391
AREAVERT	PHASE2C5	555355.377	4176294.881	555361.264	4176298.895
AREAVERT	PHASE2C5	555379.727	4176316.823	555366.883	4176330.737
AREAVERT	PHASE2C5	555348.688	4176312.006	555340.660	4176304.782
SRCPARAM	PHASE2C6	0.00092047	2.000	12	1.400
AREAVERT	PHASE2C6	555398.992	4176311.471	555408.625	4176301.571
AREAVERT	PHASE2C6	555417.188	4176297.022	555437.256	4176286.051
AREAVERT	PHASE2C6	555439.664	4176283.910	555461.873	4176268.123
AREAVERT	PHASE2C6	555469.365	4176280.699	555447.424	4176295.951
AREAVERT	PHASE2C6	555444.213	4176298.627	555423.877	4176309.330
AREAVERT	PHASE2C6	555419.328	4176312.809	555408.893	4176321.907
SRCPARAM	PHASE2C7	0.0004603	2.000	12	1.400
AREAVERT	PHASE2C7	555359.658	4176270.532	555389.092	4176301.035
AREAVERT	PHASE2C7	555401.133	4176288.994	555407.287	4176282.305
AREAVERT	PHASE2C7	555427.356	4176268.658	555444.213	4176261.166
AREAVERT	PHASE2C7	555426.553	4176225.578	555409.963	4176233.873
AREAVERT	PHASE2C7	555419.328	4176252.604	555396.584	4176267.588
AREAVERT	PHASE2C7	555388.557	4176272.940	555373.572	4176256.082
** LINE VOLUME Source ID = CONST					
SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001432	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001444	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001445	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001446	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001447	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001449	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001450	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001451	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001452	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001453	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001454	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001455	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001456	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001457	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001458	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001459	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001460	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001461	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001462	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001463	0.0113636364	2.00	6.24	2.30

SRCPARAM	L0001464	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001465	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001466	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001467	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001468	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001469	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001470	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001471	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001472	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001473	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001474	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001475	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001476	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001477	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001478	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001479	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001480	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001481	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001482	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001483	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001484	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001485	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001486	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001487	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001488	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001489	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001490	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001491	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001492	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001493	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001494	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001495	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001496	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001497	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001498	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001499	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001500	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001501	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001502	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001503	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001504	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001505	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001506	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001507	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001508	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001510	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001511	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001512	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001514	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30

**

** Variable Emissions Type: "By Hour / Day (HRDOW)"

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** WeekDays:
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE1C3   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C3   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C3   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C3   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C3   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT PHASE1C7	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT SHORE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	

EMISFACT	SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	SHORE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	SHORE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	SHORE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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** WeekDays:
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT L0001430      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0001430      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001430      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001430      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT L0001431      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0001431      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001431      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001431      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT L0001432      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0001432      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001432      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0

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EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

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[illegible]

[illegible]

EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

SRCGROUP	GRADE	GRADE						
SRCGROUP	PHASE1C1	PHASE1C1						
SRCGROUP	PHASE1C2	PHASE1C2						
SRCGROUP	PHASE1C3	PHASE1C3						
SRCGROUP	PHASE1C4	PHASE1C4						
SRCGROUP	PHASE1C5	PHASE1C5						
SRCGROUP	PHASE1C6	PHASE1C6						
SRCGROUP	PHASE1C7	PHASE1C7						
SRCGROUP	PHASE1C8	PHASE1C8						
SRCGROUP	PHASE1C9	PHASE1C9						
SRCGROUP	BIGGRN	BIGGRN						
SRCGROUP	SHORE	SHORE						
SRCGROUP	RPD1	RPD1						
SRCGROUP	RPD2	RPD2						
SRCGROUP	PILE	PILE						
SRCGROUP	PHASE2C1	PHASE2C1						
SRCGROUP	PHASE2C2	PHASE2C2						
SRCGROUP	PHASE2C3	PHASE2C3						
SRCGROUP	PHASE2C4	PHASE2C4						
SRCGROUP	PHASE2C5	PHASE2C5						
SRCGROUP	PHASE2C6	PHASE2C6						
SRCGROUP	PHASE2C7	PHASE2C7						
SRCGROUP	CONST	L0001430	L0001431	L0001432	L0001433	L0001434	L0001435	
SRCGROUP	CONST	L0001436	L0001437	L0001438	L0001439	L0001440	L0001441	
SRCGROUP	CONST	L0001442	L0001443	L0001444	L0001445	L0001446	L0001447	
SRCGROUP	CONST	L0001448	L0001449	L0001450	L0001451	L0001452	L0001453	
SRCGROUP	CONST	L0001454	L0001455	L0001456	L0001457	L0001458	L0001459	
SRCGROUP	CONST	L0001460	L0001461	L0001462	L0001463	L0001464	L0001465	
SRCGROUP	CONST	L0001466	L0001467	L0001468	L0001469	L0001470	L0001471	
SRCGROUP	CONST	L0001472	L0001473	L0001474	L0001475	L0001476	L0001477	
SRCGROUP	CONST	L0001478	L0001479	L0001480	L0001481	L0001482	L0001483	
SRCGROUP	CONST	L0001484	L0001485	L0001486	L0001487	L0001488	L0001489	
SRCGROUP	CONST	L0001490	L0001491	L0001492	L0001493	L0001494	L0001495	
SRCGROUP	CONST	L0001496	L0001497	L0001498	L0001499	L0001500	L0001501	

File: P:\AQES\Projects\PDD\IndiaBasin\400 - Technical (TECH)\430 Technical Areas
s\436 HRA\AERMOD\2018_2020_ExistRec\Residential\2018-2020EP.INP 1/6/2017, 5:11:

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    SRCGROUP CONST      L0001502 L0001503 L0001504 L0001505 L0001506 L0001507
    SRCGROUP CONST      L0001508 L0001509 L0001510 L0001511 L0001512 L0001513
    SRCGROUP CONST      L0001514 L0001515 L0001516 L0001517
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED PreCon.ROU
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE mission_bay_2008.SFC
    PROFFILE mission_bay_2008.PFL
    SURFDATA 23234 2008
    UAIRDATA 23230 2008
    PROFBASE 2.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
OU RECTABLE ALLAVE 1
    PLOTFILE 1 GRADE 1ST Plots\GRADE_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C1 1ST Plots\PHASE1C1_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE1C9 1ST Plots\PHASE1C9_1hr_2018-2020EP.PLT
    PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN_1hr_2018-2020EP.PLT
    PLOTFILE 1 SHORE 1ST Plots\SHORE_1hr_2018-2020EP.PLT
    PLOTFILE 1 RPD1 1ST Plots\RPD1_1hr_2018-2020EP.PLT
    PLOTFILE 1 RPD2 1ST Plots\RPD2_1hr_2018-2020EP.PLT
    PLOTFILE 1 PILE 1ST Plots\PILE_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6_1hr_2018-2020EP.PLT
    PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7_1hr_2018-2020EP.PLT
    PLOTFILE 1 CONST 1ST Plots\CONST_1hr_2018-2020EP.PLT
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File: P:\AQES\Projects\PDD\IndiaBasin\400 - Technical (TECH)\430 Technical Areas
s\436 HRA\AERMOD\2018_2020_ExistRec\Residential\2018-2020EP.INP 1/6/2017, 5:11:

PLOTFILE PERIOD GRADE Plots\GRADE_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C1 Plots\PHASE1C1_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C3 Plots\PHASE1C3_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE1C9 Plots\PHASE1C9_Ann_2018-2020EP.PLT
PLOTFILE PERIOD BIGGRN Plots\BIGGRN_Ann_2018-2020EP.PLT
PLOTFILE PERIOD SHORE Plots\SHORE_Ann_2018-2020EP.PLT
PLOTFILE PERIOD RPD1 Plots\RPD1_Ann_2018-2020EP.PLT
PLOTFILE PERIOD RPD2 Plots\RPD2_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PILE Plots\PILE_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE2C2 Plots\PHASE2C2_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3_Ann_2018-2020EP.PLT
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PLOTFILE PERIOD PHASE2C6 Plots\PHASE2C6_Ann_2018-2020EP.PLT
PLOTFILE PERIOD PHASE2C7 Plots\PHASE2C7_Ann_2018-2020EP.PLT
PLOTFILE PERIOD CONST Plots\CONST_Ann_2018-2020EP.PLT

OU FINISHED

**

** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 10
** ZONEINX 0
**

```
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE 2020-2021 Existing Receptors - Residential Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION PHASE1C1      AREAPOLY      555026.479      4176281.861      6.096
LOCATION PHASE1C2      AREAPOLY      555222.916      4176198.157      7.620
LOCATION PHASE1C3      AREAPOLY      555289.282      4176118.664     12.192
LOCATION PHASE1C4      AREAPOLY      555231.976      4176205.533      5.182
LOCATION PHASE1C5      AREAPOLY      555317.935      4176185.976      6.096
LOCATION PHASE1C6      AREAPOLY      555317.253      4176112.524      6.096
LOCATION PHASE1C7      AREAPOLY      555172.354      4176309.620      4.572
LOCATION PHASE1C8      AREAPOLY      555097.859      4176300.036      4.572
LOCATION PHASE1C9      AREAPOLY      555465.541      4176252.551      4.572
LOCATION BIGGRN        AREAPOLY      555029.810      4176309.841      4.572
LOCATION SHORE         AREAPOLY      555121.109      4176331.718      4.572
LOCATION RPD2          AREAPOLY      554918.029      4176546.199     15.180
LOCATION PILE          AREAPOLY      555036.003      4176394.153      0.000
LOCATION PHASE2C1      AREAPOLY      555388.531      4176143.749      5.791
LOCATION PHASE2C2      AREAPOLY      555433.844      4176203.876      5.182
LOCATION PHASE2C3      AREAPOLY      555354.546      4176254.417      5.182
LOCATION PHASE2C4      AREAPOLY      555316.578      4176272.940      5.182
LOCATION PHASE2C5      AREAPOLY      555322.465      4176279.362      4.572
LOCATION PHASE2C6      AREAPOLY      555398.992      4176311.471      4.572
LOCATION PHASE2C7      AREAPOLY      555359.658      4176270.532      5.182
LOCATION BEACH         AREAPOLY      555456.986      4176385.345      4.572
LOCATION EMGEN1        POINT          555132.289      4176268.496      4.572
LOCATION EMGEN2        POINT          555244.723      4176214.288      5.182
LOCATION EMGEN3        POINT          555244.697      4176254.889      4.572
LOCATION EMGEN5        POINT          555130.892      4176268.960      4.572
LOCATION EMGEN6        POINT          555246.510      4176214.828      5.182
LOCATION EMGEN7        POINT          555246.148      4176255.337      4.572
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41
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** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 8
** 555339.829, 4176031.731, 18.90, 2.00, 6.24
** 554903.494, 4176341.253, 12.12, 2.00, 6.24
** 554890.980, 4176370.453, 12.52, 2.00, 6.24
** 554890.980, 4176412.167, 12.52, 2.00, 6.24
** 554897.654, 4176446.373, 12.75, 2.00, 6.24
** 554913.506, 4176649.941, 14.38, 2.00, 6.24
** 554849.265, 4176789.267, 10.80, 2.00, 6.24
** 554702.430, 4176896.057, 9.06, 2.00, 6.24
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LOCATION	L0001430	VOLUME	555334.360	4176035.610	18.82
LOCATION	L0001431	VOLUME	555323.423	4176043.369	18.65
LOCATION	L0001432	VOLUME	555312.485	4176051.128	18.48
LOCATION	L0001433	VOLUME	555301.548	4176058.887	18.31
LOCATION	L0001434	VOLUME	555290.610	4176066.645	18.14
LOCATION	L0001435	VOLUME	555279.672	4176074.404	17.97
LOCATION	L0001436	VOLUME	555268.735	4176082.163	17.80
LOCATION	L0001437	VOLUME	555257.797	4176089.922	17.63
LOCATION	L0001438	VOLUME	555246.860	4176097.680	17.46
LOCATION	L0001439	VOLUME	555235.922	4176105.439	17.29
LOCATION	L0001440	VOLUME	555224.985	4176113.198	17.12
LOCATION	L0001441	VOLUME	555214.047	4176120.957	16.95
LOCATION	L0001442	VOLUME	555203.110	4176128.715	16.78
LOCATION	L0001443	VOLUME	555192.172	4176136.474	16.61
LOCATION	L0001444	VOLUME	555181.235	4176144.233	16.44
LOCATION	L0001445	VOLUME	555170.297	4176151.992	16.27
LOCATION	L0001446	VOLUME	555159.359	4176159.750	16.10
LOCATION	L0001447	VOLUME	555148.422	4176167.509	15.93
LOCATION	L0001448	VOLUME	555137.484	4176175.268	15.76
LOCATION	L0001449	VOLUME	555126.547	4176183.027	15.59
LOCATION	L0001450	VOLUME	555115.609	4176190.785	15.42
LOCATION	L0001451	VOLUME	555104.672	4176198.544	15.25
LOCATION	L0001452	VOLUME	555093.734	4176206.303	15.08
LOCATION	L0001453	VOLUME	555082.797	4176214.062	14.91
LOCATION	L0001454	VOLUME	555071.859	4176221.820	14.74
LOCATION	L0001455	VOLUME	555060.922	4176229.579	14.57
LOCATION	L0001456	VOLUME	555049.984	4176237.338	14.40
LOCATION	L0001457	VOLUME	555039.046	4176245.096	14.23
LOCATION	L0001458	VOLUME	555028.109	4176252.855	14.06
LOCATION	L0001459	VOLUME	555017.171	4176260.614	13.89
LOCATION	L0001460	VOLUME	555006.234	4176268.373	13.72
LOCATION	L0001461	VOLUME	554995.296	4176276.131	13.55
LOCATION	L0001462	VOLUME	554984.359	4176283.890	13.38
LOCATION	L0001463	VOLUME	554973.421	4176291.649	13.21
LOCATION	L0001464	VOLUME	554962.484	4176299.408	13.04
LOCATION	L0001465	VOLUME	554951.546	4176307.166	12.87
LOCATION	L0001466	VOLUME	554940.608	4176314.925	12.70
LOCATION	L0001467	VOLUME	554929.671	4176322.684	12.53
LOCATION	L0001468	VOLUME	554918.733	4176330.443	12.36
LOCATION	L0001469	VOLUME	554907.796	4176338.201	12.19
LOCATION	L0001470	VOLUME	554900.289	4176348.731	12.22
LOCATION	L0001471	VOLUME	554895.007	4176361.057	12.39
LOCATION	L0001472	VOLUME	554890.980	4176373.640	12.52

LOCATION	L0001473	VOLUME	554890.980	4176387.050	12.52
LOCATION	L0001474	VOLUME	554890.980	4176400.460	12.52
LOCATION	L0001475	VOLUME	554891.306	4176413.839	12.53
LOCATION	L0001476	VOLUME	554893.874	4176427.000	12.62
LOCATION	L0001477	VOLUME	554896.442	4176440.162	12.71
LOCATION	L0001478	VOLUME	554898.204	4176453.434	12.81
LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

** End of LINE VOLUME Source ID = CONST

** Source Parameters **

SRCPARAM	PHASE1C1	0.00014667	2.000	29	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555110.129	4176243.865
AREAVERT	PHASE1C1	555129.845	4176230.024	555139.976	4176222.985
AREAVERT	PHASE1C1	555123.661	4176198.157	555135.011	4176189.645
AREAVERT	PHASE1C1	555152.744	4176214.472	555186.084	4176189.645
AREAVERT	PHASE1C1	555198.852	4176208.798	555180.409	4176228.659

AREAVERT	PHASE1C1	555186.111	4176237.453	555180.127	4176244.292
AREAVERT	PHASE1C1	555184.893	4176249.767	555160.948	4176259.925
AREAVERT	PHASE1C1	555152.717	4176248.321	555147.779	4176249.512
AREAVERT	PHASE1C1	555153.454	4176262.708	555133.792	4176267.728
AREAVERT	PHASE1C1	555132.628	4176266.764	555094.523	4176277.886
AREAVERT	PHASE1C1	555094.751	4176280.015	555057.518	4176286.854
AREAVERT	PHASE1C1	555045.150	4176285.034		
SRCPARAM	PHASE1C2	0.00044123	2.000	20	1.400
AREAVERT	PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT	PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT	PHASE1C2	555213.328	4176137.084	555215.375	4176139.813
AREAVERT	PHASE1C2	555216.967	4176138.903	555215.830	4176136.856
AREAVERT	PHASE1C2	555232.885	4176125.031	555234.250	4176126.623
AREAVERT	PHASE1C2	555235.159	4176125.941	555233.567	4176123.439
AREAVERT	PHASE1C2	555248.576	4176112.069	555267.451	4176139.585
AREAVERT	PHASE1C2	555252.442	4176149.591	555244.710	4176138.448
AREAVERT	PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT	PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM	PHASE1C3	0.00195	2.000	4	1.400
AREAVERT	PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT	PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM	PHASE1C4	0.0004057	2.000	12	1.400
AREAVERT	PHASE1C4	555231.976	4176205.533	555251.760	4176172.104
AREAVERT	PHASE1C4	555261.766	4176177.562	555250.850	4176196.664
AREAVERT	PHASE1C4	555275.183	4176211.446	555284.279	4176202.804
AREAVERT	PHASE1C4	555256.763	4176155.731	555272.454	4176145.953
AREAVERT	PHASE1C4	555304.973	4176200.303	555289.964	4176212.583
AREAVERT	PHASE1C4	555284.506	4176218.723	555272.454	4176231.002
SRCPARAM	PHASE1C5	0.0004267	2.000	8	1.400
AREAVERT	PHASE1C5	555317.935	4176185.976	555283.597	4176137.084
AREAVERT	PHASE1C5	555299.060	4176125.941	555319.527	4176156.186
AREAVERT	PHASE1C5	555338.856	4176137.311	555324.757	4176120.028
AREAVERT	PHASE1C5	555339.084	4176109.795	555363.416	4176141.177
SRCPARAM	PHASE1C6	0.00070746	2.000	6	1.400
AREAVERT	PHASE1C6	555317.253	4176112.524	555310.431	4176103.428
AREAVERT	PHASE1C6	555351.136	4176075.229	555388.658	4176114.571
AREAVERT	PHASE1C6	555376.151	4176128.442	555343.177	4176094.331
SRCPARAM	PHASE1C7	0.00130497	2.000	4	1.400
AREAVERT	PHASE1C7	555172.354	4176309.620	555171.918	4176276.511
AREAVERT	PHASE1C7	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM	PHASE1C8	0.00136	2.000	3	1.400
AREAVERT	PHASE1C8	555097.859	4176300.036	555158.413	4176281.303
AREAVERT	PHASE1C8	555157.978	4176305.699		
SRCPARAM	PHASE1C9	0.00174	2.000	4	1.400
AREAVERT	PHASE1C9	555465.541	4176252.551	555485.145	4176238.610
AREAVERT	PHASE1C9	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM	BIGGRN	0.00004222	2.000	37	1.400
AREAVERT	BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT	BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT	BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT	BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT	BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT	BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT	BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT	BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT	BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT	BIGGRN	555310.070	4176426.231	555283.832	4176397.478

AREAVERT	BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT	BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT	BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT	BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT	BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT	BIGGRN	555118.162	4176329.858	555096.816	4176337.700
AREAVERT	BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT	BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT	BIGGRN	555041.488	4176328.551		
SRCPARAM	SHORE	0.00004573	2.000	34	1.400
AREAVERT	SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT	SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT	SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT	SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT	SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT	SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT	SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT	SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT	SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT	SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT	SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT	SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT	SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT	SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT	SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT	SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT	SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		

SRCPARAM	PHASE2C1	0.00076988	2.000	6	1.400	
AREAVERT	PHASE2C1	555388.531	4176143.749	555402.038	4176131.985	
AREAVERT	PHASE2C1	555419.901	4176159.870	555443.865	4176189.062	
AREAVERT	PHASE2C1	555429.051	4176200.826	555407.702	4176174.684	
SRCPARAM	PHASE2C2	0.001207	2.000	4	1.400	
AREAVERT	PHASE2C2	555433.844	4176203.876	555446.044	4176196.033	
AREAVERT	PHASE2C2	555475.672	4176243.525	555462.165	4176250.932	
SRCPARAM	PHASE2C3	0.0003208	2.000	15	1.400	
AREAVERT	PHASE2C3	555354.546	4176254.417	555332.633	4176202.834	
AREAVERT	PHASE2C3	555346.815	4176191.596	555347.885	4176193.737	
AREAVERT	PHASE2C3	555368.221	4176180.893	555366.348	4176179.287	
AREAVERT	PHASE2C3	555384.008	4176170.190	555420.399	4176215.946	
AREAVERT	PHASE2C3	555404.611	4176227.451	555381.065	4176240.295	
AREAVERT	PHASE2C3	555373.037	4176223.973	555393.908	4176212.467	
AREAVERT	PHASE2C3	555380.529	4176195.610	555354.574	4176209.256	
AREAVERT	PHASE2C3	555371.699	4176246.717			
SRCPARAM	PHASE2C4	0.00096256	2.000	6	1.400	
AREAVERT	PHASE2C4	555316.578	4176272.940	555289.285	4176245.379	
AREAVERT	PHASE2C4	555313.100	4176219.959	555327.816	4176232.000	
AREAVERT	PHASE2C4	555314.438	4176245.647	555329.690	4176260.631	
SRCPARAM	PHASE2C5	0.0008214	2.000	8	1.400	
AREAVERT	PHASE2C5	555322.465	4176279.362	555338.252	4176268.391	
AREAVERT	PHASE2C5	555355.377	4176294.881	555361.264	4176298.895	
AREAVERT	PHASE2C5	555379.727	4176316.823	555366.883	4176330.737	
AREAVERT	PHASE2C5	555348.688	4176312.006	555340.660	4176304.782	
SRCPARAM	PHASE2C6	0.00092047	2.000	12	1.400	
AREAVERT	PHASE2C6	555398.992	4176311.471	555408.625	4176301.571	
AREAVERT	PHASE2C6	555417.188	4176297.022	555437.256	4176286.051	
AREAVERT	PHASE2C6	555439.664	4176283.910	555461.873	4176268.123	
AREAVERT	PHASE2C6	555469.365	4176280.699	555447.424	4176295.951	
AREAVERT	PHASE2C6	555444.213	4176298.627	555423.877	4176309.330	
AREAVERT	PHASE2C6	555419.328	4176312.809	555408.893	4176321.907	
SRCPARAM	PHASE2C7	0.0004603	2.000	12	1.400	
AREAVERT	PHASE2C7	555359.658	4176270.532	555389.092	4176301.035	
AREAVERT	PHASE2C7	555401.133	4176288.994	555407.287	4176282.305	
AREAVERT	PHASE2C7	555427.356	4176268.658	555444.213	4176261.166	
AREAVERT	PHASE2C7	555426.553	4176225.578	555409.963	4176233.873	
AREAVERT	PHASE2C7	555419.328	4176252.604	555396.584	4176267.588	
AREAVERT	PHASE2C7	555388.557	4176272.940	555373.572	4176256.082	
SRCPARAM	BEACH	0.00019266	2.000	17	1.400	
AREAVERT	BEACH	555456.986	4176385.345	555447.940	4176369.666	
AREAVERT	BEACH	555449.749	4176366.048	555432.864	4176355.193	
AREAVERT	BEACH	555422.009	4176344.338	555431.055	4176326.850	
AREAVERT	BEACH	555456.986	4176306.346	555493.169	4176309.965	
AREAVERT	BEACH	555517.894	4176303.934	555531.764	4176294.285	
AREAVERT	BEACH	555548.046	4176317.201	555527.542	4176332.277	
AREAVERT	BEACH	555514.878	4176334.689	555501.008	4176349.765	
AREAVERT	BEACH	555487.138	4176358.811	555470.253	4176367.857	
AREAVERT	BEACH	555459.398	4176381.124			
SRCPARAM	EMGEN1	1.0	25.384	739.817	45.30000	0.183
SRCPARAM	EMGEN2	1.0	19.593	739.817	45.30000	0.183
SRCPARAM	EMGEN3	1.0	5.572	739.817	45.30000	0.183
SRCPARAM	EMGEN5	1.0	25.384	739.817	45.30000	0.183
SRCPARAM	EMGEN6	1.0	19.593	739.817	45.30000	0.183
SRCPARAM	EMGEN7	1.0	5.572	739.817	45.30000	0.183

** LINE VOLUME Source ID = CONST

SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001445	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001446	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001447	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001449	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001473	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001507	0.0113636364	2.00	6.24	2.30		
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SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001510	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001511	0.0113636364	2.00	6.24	2.30		
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SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30		
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SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30		
** ----- **							
**	Building Downwash	**					
BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	20.73	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	18.29	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN3	18.59	18.59	4.57	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN3	22.86	22.86	21.64	18.29	20.73	42.67
BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72

BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	20.73	20.73	42.67
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	18.29	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN7	18.59	18.59	13.72	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN7	22.86	22.86	21.64	18.29	20.73	42.67
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	103.36	99.97	68.37	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	25.95	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	76.66	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN3	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN3	30.02	28.94	8.18	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN3	103.61	103.36	23.58	103.89	73.76	42.72
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	103.36	99.97	68.37	73.76	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	21.17	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	76.66	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN7	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN7	30.02	28.94	45.61	7.68	35.66	40.43

BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN7	103.61	103.36	23.58	103.89	73.76	42.72
BUILDLEN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	70.66	81.29	75.56	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	32.07	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	51.26	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN3	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN3	29.41	30.15	8.22	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN3	60.89	70.66	26.12	71.03	71.93	41.49
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	70.66	81.29	75.56	71.93	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	20.09	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	51.26	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN7	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN7	29.41	30.15	77.19	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN7	60.89	70.66	26.12	71.03	71.93	41.49
XBADJ	EMGEN1	-50.56	-42.27	-32.69	-27.79	-26.50	-24.41
XBADJ	EMGEN1	-21.58	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	0.63	-2.07	-10.00	-19.29	-27.99	-35.84
XBADJ	EMGEN1	-42.60	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-31.55	-93.15	-97.43	-98.75	-97.06	-92.43
XBADJ	EMGEN2	-87.96	-118.76	-117.86	21.75	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-130.12	53.24	58.63	61.71	62.92	62.22

XBADJ	EMGEN2	58.16	-125.27	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-115.11	-104.08
XBADJ	EMGEN3	-92.94	-87.65	34.90	32.24	28.59	76.63
XBADJ	EMGEN3	34.76	31.69	-1.81	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-122.34	41.90
XBADJ	EMGEN3	32.05	16.98	-122.78	-139.36	-141.26	-118.12
XBADJ	EMGEN5	-50.77	-42.22	-32.39	-27.24	-25.73	-23.43
XBADJ	EMGEN5	-20.42	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	0.84	-2.11	-10.30	-19.84	-28.77	-36.83
XBADJ	EMGEN5	-43.76	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-33.41	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-119.50	-118.29	21.65	29.56	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-121.58	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-124.54	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-116.32	-105.11
XBADJ	EMGEN7	-93.76	-88.23	34.57	32.17	28.79	77.08
XBADJ	EMGEN7	35.45	32.61	7.92	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-121.13	42.93
XBADJ	EMGEN7	32.87	17.57	-122.44	-139.29	-141.45	-118.57
YBADJ	EMGEN1	-24.42	-28.22	-31.16	-32.37	-33.76	-34.13
YBADJ	EMGEN1	-33.46	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	24.42	28.22	31.16	32.37	33.76	34.13
YBADJ	EMGEN1	33.46	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-47.64	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-26.11	-44.69	-38.34	-42.39	-33.02
YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	20.24	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	18.54	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-13.32	-24.52
YBADJ	EMGEN3	-37.82	-52.19	-15.21	3.94	22.96	-33.00
YBADJ	EMGEN3	11.28	19.65	3.47	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	-21.62	24.52
YBADJ	EMGEN3	37.82	52.19	-22.18	15.59	34.43	33.00
YBADJ	EMGEN5	-25.88	-29.69	-32.61	-33.74	-35.02	-35.23
YBADJ	EMGEN5	-34.38	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	25.88	29.69	32.61	33.74	35.02	35.23
YBADJ	EMGEN5	34.38	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94

YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-47.54	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-27.82	-46.51	-40.21	-29.26	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	11.17	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	20.26	21.43	0.49	-20.48	34.81
YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-25.64
YBADJ	EMGEN7	-39.09	-53.59	-16.69	2.42	21.45	-34.45
YBADJ	EMGEN7	9.93	18.45	29.51	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	-20.71	25.64
YBADJ	EMGEN7	39.09	53.59	-20.70	17.11	35.94	34.45

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** WeekDays:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT PHASE1C7	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C7	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C9	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C9	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT SHORE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0

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** Saturday:
  EMISFACT SHORE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT SHORE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT RPD2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD2       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT RPD2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD2       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT RPD2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PILE       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PILE       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PILE       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PILE       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PILE       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PILE       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PILE       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PILE       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PILE       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PILE       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PILE       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PILE       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE2C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C1   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C1   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C1   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE2C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C1   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C1   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C1   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE2C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE2C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C7	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C7	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C7	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C7	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C7	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C7	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT BEACH	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BEACH	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BEACH	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BEACH	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT BEACH	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BEACH	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BEACH	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BEACH	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT BEACH	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BEACH	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BEACH	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BEACH	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT L0001430	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001430	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001430	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001430	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001431	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001431	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001431	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001431	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001432	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001432	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0

EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT L0001430	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001430	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001430	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001430	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001431	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001431	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001431	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001431	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001432	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001432	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001432	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001432	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001433	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001433	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001433	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001433	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001434	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001434	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001434	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001434	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001435	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001435	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001435	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001435	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001436	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001436	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001436	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001436	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001437	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001437	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001437	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001437	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001438	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001438	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001438	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001438	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001439	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001439	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001439	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001439	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001440	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001440	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001440	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001440	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001441	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001441	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001441	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001441	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001442	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001442	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001442	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001442	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
EMISFACT L0001443	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001443	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001443	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001443	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0

EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

SRCGROUP	PHASE1C1	PHASE1C1					
SRCGROUP	PHASE1C2	PHASE1C2					
SRCGROUP	PHASE1C3	PHASE1C3					
SRCGROUP	PHASE1C4	PHASE1C4					
SRCGROUP	PHASE1C5	PHASE1C5					
SRCGROUP	PHASE1C6	PHASE1C6					
SRCGROUP	PHASE1C7	PHASE1C7					
SRCGROUP	PHASE1C8	PHASE1C8					
SRCGROUP	PHASE1C9	PHASE1C9					
SRCGROUP	BIGGRN	BIGGRN					
SRCGROUP	SHORE	SHORE					
SRCGROUP	RPD2	RPD2					
SRCGROUP	PILE	PILE					
SRCGROUP	PHASE2C1	PHASE2C1					
SRCGROUP	PHASE2C2	PHASE2C2					
SRCGROUP	PHASE2C3	PHASE2C3					
SRCGROUP	PHASE2C4	PHASE2C4					
SRCGROUP	PHASE2C5	PHASE2C5					
SRCGROUP	PHASE2C6	PHASE2C6					
SRCGROUP	PHASE2C7	PHASE2C7					
SRCGROUP	BEACH	BEACH					
SRCGROUP	EMGEN1	EMGEN1					
SRCGROUP	EMGEN2	EMGEN2					
SRCGROUP	EMGEN3	EMGEN3					
SRCGROUP	EMGEN5	EMGEN5					
SRCGROUP	EMGEN6	EMGEN6					
SRCGROUP	EMGEN7	EMGEN7					
SRCGROUP	CONST	L0001430	L0001431	L0001432	L0001433	L0001434	L0001435
SRCGROUP	CONST	L0001436	L0001437	L0001438	L0001439	L0001440	L0001441
SRCGROUP	CONST	L0001442	L0001443	L0001444	L0001445	L0001446	L0001447
SRCGROUP	CONST	L0001448	L0001449	L0001450	L0001451	L0001452	L0001453
SRCGROUP	CONST	L0001454	L0001455	L0001456	L0001457	L0001458	L0001459
SRCGROUP	CONST	L0001460	L0001461	L0001462	L0001463	L0001464	L0001465

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SRCGROUP CONST      L0001466 L0001467 L0001468 L0001469 L0001470 L0001471
SRCGROUP CONST      L0001472 L0001473 L0001474 L0001475 L0001476 L0001477
SRCGROUP CONST      L0001478 L0001479 L0001480 L0001481 L0001482 L0001483
SRCGROUP CONST      L0001484 L0001485 L0001486 L0001487 L0001488 L0001489
SRCGROUP CONST      L0001490 L0001491 L0001492 L0001493 L0001494 L0001495
SRCGROUP CONST      L0001496 L0001497 L0001498 L0001499 L0001500 L0001501
SRCGROUP CONST      L0001502 L0001503 L0001504 L0001505 L0001506 L0001507
SRCGROUP CONST      L0001508 L0001509 L0001510 L0001511 L0001512 L0001513
SRCGROUP CONST      L0001514 L0001515 L0001516 L0001517
```

SO FINISHED

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** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED PreCon.ROU

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE mission_bay_2008.SFC

PROFFILE mission_bay_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

OU RECTABLE ALLAVE 1

PLOTFILE 1 PHASE1C1 1ST Plots\PHASE1C1_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE1C9 1ST Plots\PHASE1C9_1hr_2021-2022EP.PLT

PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN_1hr_2021-2022EP.PLT

PLOTFILE 1 SHORE 1ST Plots\SHORE_1hr_2021-2022EP.PLT

PLOTFILE 1 RPD2 1ST Plots\RPD2_1hr_2021-2022EP.PLT

PLOTFILE 1 PILE 1ST Plots\PILE_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3_1hr_2021-2022EP.PLT

PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4_1hr_2021-2022EP.PLT

File: P:\AQES\Projects\PDD\IndiaBasin\400 - Technical (TECH)\430 Technical Areas
s\436 HRA\AERMOD\2021_2022_ExistRec\Residential\2021-2022EP.INP 1/6/2017, 6:20:.

PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5_1hr_2021-2022EP.PLT
PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6_1hr_2021-2022EP.PLT
PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7_1hr_2021-2022EP.PLT
PLOTFILE 1 EMGEN1 1ST Plots\EMGEN1_1hr_2021-2022EP.PLT
PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2_1hr_2021-2022EP.PLT
PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3_1hr_2021-2022EP.PLT
PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5_1hr_2021-2022EP.PLT
PLOTFILE 1 EMGEN6 1ST Plots\EMGEN6_1hr_2021-2022EP.PLT
PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7_1hr_2021-2022EP.PLT
PLOTFILE 1 CONST 1ST Plots\CONST_1hr_2021-2022EP.PLT
PLOTFILE PERIOD PHASE1C1 Plots\PHASE1C1_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2_Ann_2021-2022EP.PLT
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PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE1C9 Plots\PHASE1C9_Ann_2021-2022EP.PLT
PLOTFILE PERIOD BIGGRN Plots\BIGGRN_Ann_2021-2022EP.PLT
PLOTFILE PERIOD SHORE Plots\SHORE_Ann_2021-2022EP.PLT
PLOTFILE PERIOD RPD2 Plots\RPD2_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PILE Plots\PILE_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE2C2 Plots\PHASE2C2_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE2C4 Plots\PHASE2C4_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE2C5 Plots\PHASE2C5_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE2C6 Plots\PHASE2C6_Ann_2021-2022EP.PLT
PLOTFILE PERIOD PHASE2C7 Plots\PHASE2C7_Ann_2021-2022EP.PLT
PLOTFILE PERIOD EMGEN1 Plots\EMGEN1_Ann_2021-2022EP.PLT
PLOTFILE PERIOD EMGEN2 Plots\EMGEN2_Ann_2021-2022EP.PLT
PLOTFILE PERIOD EMGEN3 Plots\EMGEN3_Ann_2021-2022EP.PLT
PLOTFILE PERIOD EMGEN5 Plots\EMGEN5_Ann_2021-2022EP.PLT
PLOTFILE PERIOD EMGEN6 Plots\EMGEN6_Ann_2021-2022EP.PLT
PLOTFILE PERIOD EMGEN7 Plots\EMGEN7_Ann_2021-2022EP.PLT
PLOTFILE PERIOD BEACH Plots\BEACH_Ann_2021-2022EP.PLT
PLOTFILE PERIOD CONST Plots\CONST_Ann_2021-2022EP.PLT

OU FINISHED

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** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 10
** ZONEINX 0
**

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**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Operations Existing Receptors - Residential Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION EMGEN1      POINT      555132.289  4176268.496      4.572
  LOCATION EMGEN2      POINT      555244.723  4176214.288      5.182
  LOCATION EMGEN3      POINT      555244.697  4176254.889      4.572
  LOCATION EMGEN4      POINT      555413.890  4176206.195      5.182
  LOCATION EMGEN5      POINT      555130.892  4176268.960      4.572
  LOCATION EMGEN6      POINT      555246.510  4176214.828      5.182
  LOCATION EMGEN7      POINT      555246.148  4176255.337      4.572
  LOCATION EMGEN8      POINT      555415.054  4176207.595      5.182
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESN
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554678.517, 4176495.353, 31.97, 2.00, 6.24
** 555496.302, 4175923.596, 19.10, 2.00, 6.24
** -----
  LOCATION L0000001    VOLUME    554684.012  4176491.511  31.88
  LOCATION L0000002    VOLUME    554695.002  4176483.827  31.71
  LOCATION L0000003    VOLUME    554705.993  4176476.143  31.54
  LOCATION L0000004    VOLUME    554716.983  4176468.459  31.36
  LOCATION L0000005    VOLUME    554727.973  4176460.776  31.19
  LOCATION L0000006    VOLUME    554738.963  4176453.092  31.02
  LOCATION L0000007    VOLUME    554749.954  4176445.408  30.85
  LOCATION L0000008    VOLUME    554760.944  4176437.724  30.67
  LOCATION L0000009    VOLUME    554771.934  4176430.040  30.50
  LOCATION L0000010    VOLUME    554782.925  4176422.356  30.33
  LOCATION L0000011    VOLUME    554793.915  4176414.672  30.15

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LOCATION	L0000012	VOLUME	554804.905	4176406.988	29.98
LOCATION	L0000013	VOLUME	554815.895	4176399.304	29.81
LOCATION	L0000014	VOLUME	554826.886	4176391.621	29.64
LOCATION	L0000015	VOLUME	554837.876	4176383.937	29.46
LOCATION	L0000016	VOLUME	554848.866	4176376.253	29.29
LOCATION	L0000017	VOLUME	554859.856	4176368.569	29.12
LOCATION	L0000018	VOLUME	554870.847	4176360.885	28.94
LOCATION	L0000019	VOLUME	554881.837	4176353.201	28.77
LOCATION	L0000020	VOLUME	554892.827	4176345.517	28.60
LOCATION	L0000021	VOLUME	554903.818	4176337.833	28.42
LOCATION	L0000022	VOLUME	554914.808	4176330.150	28.25
LOCATION	L0000023	VOLUME	554925.798	4176322.466	28.08
LOCATION	L0000024	VOLUME	554936.788	4176314.782	27.91
LOCATION	L0000025	VOLUME	554947.779	4176307.098	27.73
LOCATION	L0000026	VOLUME	554958.769	4176299.414	27.56
LOCATION	L0000027	VOLUME	554969.759	4176291.730	27.39
LOCATION	L0000028	VOLUME	554980.749	4176284.046	27.21
LOCATION	L0000029	VOLUME	554991.740	4176276.362	27.04
LOCATION	L0000030	VOLUME	555002.730	4176268.678	26.87
LOCATION	L0000031	VOLUME	555013.720	4176260.995	26.69
LOCATION	L0000032	VOLUME	555024.711	4176253.311	26.52
LOCATION	L0000033	VOLUME	555035.701	4176245.627	26.35
LOCATION	L0000034	VOLUME	555046.691	4176237.943	26.18
LOCATION	L0000035	VOLUME	555057.681	4176230.259	26.00
LOCATION	L0000036	VOLUME	555068.672	4176222.575	25.83
LOCATION	L0000037	VOLUME	555079.662	4176214.891	25.66
LOCATION	L0000038	VOLUME	555090.652	4176207.207	25.48
LOCATION	L0000039	VOLUME	555101.642	4176199.524	25.31
LOCATION	L0000040	VOLUME	555112.633	4176191.840	25.14
LOCATION	L0000041	VOLUME	555123.623	4176184.156	24.97
LOCATION	L0000042	VOLUME	555134.613	4176176.472	24.79
LOCATION	L0000043	VOLUME	555145.603	4176168.788	24.62
LOCATION	L0000044	VOLUME	555156.594	4176161.104	24.45
LOCATION	L0000045	VOLUME	555167.584	4176153.420	24.27
LOCATION	L0000046	VOLUME	555178.574	4176145.736	24.10
LOCATION	L0000047	VOLUME	555189.565	4176138.052	23.93
LOCATION	L0000048	VOLUME	555200.555	4176130.369	23.75
LOCATION	L0000049	VOLUME	555211.545	4176122.685	23.58
LOCATION	L0000050	VOLUME	555222.535	4176115.001	23.41
LOCATION	L0000051	VOLUME	555233.526	4176107.317	23.24
LOCATION	L0000052	VOLUME	555244.516	4176099.633	23.06
LOCATION	L0000053	VOLUME	555255.506	4176091.949	22.89
LOCATION	L0000054	VOLUME	555266.496	4176084.265	22.72
LOCATION	L0000055	VOLUME	555277.487	4176076.581	22.54
LOCATION	L0000056	VOLUME	555288.477	4176068.898	22.37
LOCATION	L0000057	VOLUME	555299.467	4176061.214	22.20
LOCATION	L0000058	VOLUME	555310.458	4176053.530	22.02
LOCATION	L0000059	VOLUME	555321.448	4176045.846	21.85
LOCATION	L0000060	VOLUME	555332.438	4176038.162	21.68
LOCATION	L0000061	VOLUME	555343.428	4176030.478	21.51
LOCATION	L0000062	VOLUME	555354.419	4176022.794	21.33
LOCATION	L0000063	VOLUME	555365.409	4176015.110	21.16
LOCATION	L0000064	VOLUME	555376.399	4176007.426	20.99
LOCATION	L0000065	VOLUME	555387.389	4175999.743	20.81
LOCATION	L0000066	VOLUME	555398.380	4175992.059	20.64
LOCATION	L0000067	VOLUME	555409.370	4175984.375	20.47
LOCATION	L0000068	VOLUME	555420.360	4175976.691	20.30

LOCATION L0000069	VOLUME	555431.351	4175969.007	20.12
LOCATION L0000070	VOLUME	555442.341	4175961.323	19.95
LOCATION L0000071	VOLUME	555453.331	4175953.639	19.78
LOCATION L0000072	VOLUME	555464.321	4175945.955	19.60
LOCATION L0000073	VOLUME	555475.312	4175938.271	19.43
LOCATION L0000074	VOLUME	555486.302	4175930.588	19.26

** End of LINE VOLUME Source ID = INNESN
 ** -----

** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = HAWES
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 18.29
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 2
 ** 554840.757, 4176392.088, 13.29, 2.00, 8.51
 ** 554886.921, 4176450.987, 12.78, 2.00, 8.51
 ** -----

LOCATION L0000688	VOLUME	554846.398	4176399.286	13.23
LOCATION L0000689	VOLUME	554857.681	4176413.681	13.10
LOCATION L0000690	VOLUME	554868.964	4176428.076	12.98
LOCATION L0000691	VOLUME	554880.247	4176442.471	12.85

** End of LINE VOLUME Source ID = HAWES
 ** -----

** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = HUNT
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 13.41
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 3
 ** 554892.236, 4176367.914, 12.49, 2.00, 6.24
 ** 554910.687, 4176653.908, 14.47, 2.00, 6.24
 ** 554851.233, 4176783.066, 10.77, 2.00, 6.24
 ** -----

LOCATION L0000692	VOLUME	554892.668	4176374.605	12.54
LOCATION L0000693	VOLUME	554893.531	4176387.987	12.63
LOCATION L0000694	VOLUME	554894.394	4176401.369	12.72
LOCATION L0000695	VOLUME	554895.258	4176414.752	12.81
LOCATION L0000696	VOLUME	554896.121	4176428.134	12.91
LOCATION L0000697	VOLUME	554896.984	4176441.516	13.00
LOCATION L0000698	VOLUME	554897.848	4176454.898	13.09
LOCATION L0000699	VOLUME	554898.711	4176468.280	13.18
LOCATION L0000700	VOLUME	554899.575	4176481.663	13.28
LOCATION L0000701	VOLUME	554900.438	4176495.045	13.37
LOCATION L0000702	VOLUME	554901.301	4176508.427	13.46
LOCATION L0000703	VOLUME	554902.165	4176521.809	13.56
LOCATION L0000704	VOLUME	554903.028	4176535.191	13.65
LOCATION L0000705	VOLUME	554903.891	4176548.573	13.74
LOCATION L0000706	VOLUME	554904.755	4176561.956	13.83
LOCATION L0000707	VOLUME	554905.618	4176575.338	13.93

LOCATION	L0000708	VOLUME	554906.481	4176588.720	14.02
LOCATION	L0000709	VOLUME	554907.345	4176602.102	14.11
LOCATION	L0000710	VOLUME	554908.208	4176615.484	14.20
LOCATION	L0000711	VOLUME	554909.071	4176628.866	14.30
LOCATION	L0000712	VOLUME	554909.935	4176642.249	14.39
LOCATION	L0000713	VOLUME	554909.965	4176655.476	14.43
LOCATION	L0000714	VOLUME	554904.358	4176667.658	14.08
LOCATION	L0000715	VOLUME	554898.750	4176679.839	13.73
LOCATION	L0000716	VOLUME	554893.143	4176692.020	13.38
LOCATION	L0000717	VOLUME	554887.536	4176704.202	13.03
LOCATION	L0000718	VOLUME	554881.928	4176716.383	12.68
LOCATION	L0000719	VOLUME	554876.321	4176728.565	12.33
LOCATION	L0000720	VOLUME	554870.714	4176740.746	11.98
LOCATION	L0000721	VOLUME	554865.106	4176752.927	11.63
LOCATION	L0000722	VOLUME	554859.499	4176765.109	11.28
LOCATION	L0000723	VOLUME	554853.892	4176777.290	10.94

** End of LINE VOLUME Source ID = HUNT
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = EVANS
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 13.41
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 3
 ** 554702.207, 4176893.076, 9.07, 2.00, 6.24
 ** 554846.014, 4176790.551, 10.61, 2.00, 6.24
 ** 554851.050, 4176783.311, 10.77, 2.00, 6.24
 ** -----

LOCATION	L0000724	VOLUME	554707.667	4176889.184	9.13
LOCATION	L0000725	VOLUME	554718.586	4176881.399	9.25
LOCATION	L0000726	VOLUME	554729.505	4176873.614	9.36
LOCATION	L0000727	VOLUME	554740.424	4176865.830	9.48
LOCATION	L0000728	VOLUME	554751.343	4176858.045	9.60
LOCATION	L0000729	VOLUME	554762.262	4176850.261	9.71
LOCATION	L0000730	VOLUME	554773.181	4176842.476	9.83
LOCATION	L0000731	VOLUME	554784.101	4176834.691	9.95
LOCATION	L0000732	VOLUME	554795.020	4176826.907	10.06
LOCATION	L0000733	VOLUME	554805.939	4176819.122	10.18
LOCATION	L0000734	VOLUME	554816.858	4176811.337	10.30
LOCATION	L0000735	VOLUME	554827.777	4176803.553	10.41
LOCATION	L0000736	VOLUME	554838.696	4176795.768	10.53
LOCATION	L0000737	VOLUME	554848.540	4176786.920	10.69

** End of LINE VOLUME Source ID = EVANS
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = JENN
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 12.80
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30

```

** Nodes = 3
** 554703.459, 4176892.130, 9.07, 2.00, 5.95
** 554679.111, 4176839.151, 15.25, 2.00, 5.95
** 554678.308, 4176801.424, 18.60, 2.00, 5.95
** -----
LOCATION L0000738      VOLUME  554700.786 4176886.315 9.75
LOCATION L0000739      VOLUME  554695.441 4176874.684 11.11
LOCATION L0000740      VOLUME  554690.096 4176863.054 12.46
LOCATION L0000741      VOLUME  554684.751 4176851.423 13.82
LOCATION L0000742      VOLUME  554679.406 4176839.793 15.18
LOCATION L0000743      VOLUME  554678.854 4176827.060 16.32
LOCATION L0000744      VOLUME  554678.581 4176814.263 17.46
LOCATION L0000745      VOLUME  554678.309 4176801.466 18.60
** End of LINE VOLUME Source ID = JENN
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = MIDDLE
** DESCRSRC
** PREFIX
** Length of Side = 10.36
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554679.208, 4176800.861, 18.59, 2.00, 4.82
** 554682.380, 4176500.519, 32.23, 2.00, 4.82
** -----
LOCATION L0000746      VOLUME  554679.263 4176795.681 18.83
LOCATION L0000747      VOLUME  554679.372 4176785.322 19.30
LOCATION L0000748      VOLUME  554679.482 4176774.962 19.77
LOCATION L0000749      VOLUME  554679.591 4176764.603 20.24
LOCATION L0000750      VOLUME  554679.700 4176754.244 20.71
LOCATION L0000751      VOLUME  554679.810 4176743.884 21.18
LOCATION L0000752      VOLUME  554679.919 4176733.525 21.65
LOCATION L0000753      VOLUME  554680.029 4176723.165 22.12
LOCATION L0000754      VOLUME  554680.138 4176712.806 22.59
LOCATION L0000755      VOLUME  554680.247 4176702.446 23.06
LOCATION L0000756      VOLUME  554680.357 4176692.087 23.53
LOCATION L0000757      VOLUME  554680.466 4176681.728 24.00
LOCATION L0000758      VOLUME  554680.576 4176671.368 24.47
LOCATION L0000759      VOLUME  554680.685 4176661.009 24.94
LOCATION L0000760      VOLUME  554680.794 4176650.649 25.41
LOCATION L0000761      VOLUME  554680.904 4176640.290 25.88
LOCATION L0000762      VOLUME  554681.013 4176629.931 26.35
LOCATION L0000763      VOLUME  554681.123 4176619.571 26.82
LOCATION L0000764      VOLUME  554681.232 4176609.212 27.29
LOCATION L0000765      VOLUME  554681.341 4176598.852 27.76
LOCATION L0000766      VOLUME  554681.451 4176588.493 28.23
LOCATION L0000767      VOLUME  554681.560 4176578.133 28.71
LOCATION L0000768      VOLUME  554681.670 4176567.774 29.18
LOCATION L0000769      VOLUME  554681.779 4176557.415 29.65
LOCATION L0000770      VOLUME  554681.889 4176547.055 30.12
LOCATION L0000771      VOLUME  554681.998 4176536.696 30.59
LOCATION L0000772      VOLUME  554682.107 4176526.336 31.06
LOCATION L0000773      VOLUME  554682.217 4176515.977 31.53
LOCATION L0000774      VOLUME  554682.326 4176505.617 32.00

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** End of LINE VOLUME Source ID = MIDDLE
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GRIFF
** DESCRSRC
** PREFIX
** Length of Side = 7.92
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555009.340, 4176269.854, 10.24, 2.00, 3.69
** 555025.636, 4176286.891, 7.06, 2.00, 3.69
** -----
**      LOCATION L0000775      VOLUME  555012.077 4176272.716 9.71
**      LOCATION L0000776      VOLUME  555017.552 4176278.439 8.64
**      LOCATION L0000777      VOLUME  555023.026 4176284.162 7.57
** End of LINE VOLUME Source ID = GRIFF
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = NHUD
** DESCRSRC
** PREFIX
** Length of Side = 10.67
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 6
** 555024.896, 4176285.780, 7.09, 2.00, 4.96
** 555067.860, 4176291.706, 2.98, 2.00, 4.96
** 555184.531, 4176256.890, 7.45, 2.00, 4.96
** 555217.993, 4176210.317, 9.25, 2.00, 4.96
** 555269.871, 4176241.559, 8.83, 2.00, 4.96
** 555400.834, 4176116.886, 6.11, 2.00, 4.96
** -----
**      LOCATION L0000778      VOLUME  555030.181 4176286.509 6.58
**      LOCATION L0000779      VOLUME  555040.751 4176287.967 5.57
**      LOCATION L0000780      VOLUME  555051.321 4176289.425 4.56
**      LOCATION L0000781      VOLUME  555061.891 4176290.883 3.55
**      LOCATION L0000782      VOLUME  555072.310 4176290.378 3.15
**      LOCATION L0000783      VOLUME  555082.535 4176287.327 3.54
**      LOCATION L0000784      VOLUME  555092.759 4176284.276 3.93
**      LOCATION L0000785      VOLUME  555102.984 4176281.225 4.33
**      LOCATION L0000786      VOLUME  555113.208 4176278.174 4.72
**      LOCATION L0000787      VOLUME  555123.433 4176275.122 5.11
**      LOCATION L0000788      VOLUME  555133.657 4176272.071 5.50
**      LOCATION L0000789      VOLUME  555143.882 4176269.020 5.89
**      LOCATION L0000790      VOLUME  555154.106 4176265.969 6.28
**      LOCATION L0000791      VOLUME  555164.331 4176262.918 6.68
**      LOCATION L0000792      VOLUME  555174.555 4176259.867 7.07
**      LOCATION L0000793      VOLUME  555184.682 4176256.679 7.46
**      LOCATION L0000794      VOLUME  555190.908 4176248.014 7.79
**      LOCATION L0000795      VOLUME  555197.134 4176239.349 8.13
**      LOCATION L0000796      VOLUME  555203.360 4176230.684 8.46
**      LOCATION L0000797      VOLUME  555209.586 4176222.018 8.80

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LOCATION	L0000798	VOLUME	555215.812	4176213.353	9.13
LOCATION	L0000799	VOLUME	555223.931	4176213.893	9.20
LOCATION	L0000800	VOLUME	555233.071	4176219.398	9.13
LOCATION	L0000801	VOLUME	555242.212	4176224.902	9.05
LOCATION	L0000802	VOLUME	555251.352	4176230.407	8.98
LOCATION	L0000803	VOLUME	555260.493	4176235.911	8.91
LOCATION	L0000804	VOLUME	555269.633	4176241.416	8.83
LOCATION	L0000805	VOLUME	555277.398	4176234.393	8.67
LOCATION	L0000806	VOLUME	555285.126	4176227.036	8.51
LOCATION	L0000807	VOLUME	555292.855	4176219.679	8.35
LOCATION	L0000808	VOLUME	555300.583	4176212.322	8.19
LOCATION	L0000809	VOLUME	555308.311	4176204.965	8.03
LOCATION	L0000810	VOLUME	555316.039	4176197.608	7.87
LOCATION	L0000811	VOLUME	555323.767	4176190.252	7.71
LOCATION	L0000812	VOLUME	555331.495	4176182.895	7.55
LOCATION	L0000813	VOLUME	555339.223	4176175.538	7.39
LOCATION	L0000814	VOLUME	555346.951	4176168.181	7.23
LOCATION	L0000815	VOLUME	555354.680	4176160.824	7.07
LOCATION	L0000816	VOLUME	555362.408	4176153.467	6.91
LOCATION	L0000817	VOLUME	555370.136	4176146.110	6.75
LOCATION	L0000818	VOLUME	555377.864	4176138.753	6.59
LOCATION	L0000819	VOLUME	555385.592	4176131.396	6.43
LOCATION	L0000820	VOLUME	555393.320	4176124.039	6.27

** End of LINE VOLUME Source ID = NHUD
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = ARELI
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 12.19
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 2
 ** 555176.012, 4176155.405, 12.75, 2.00, 5.67
 ** 555214.902, 4176215.037, 9.26, 2.00, 5.67
 ** -----

LOCATION	L0000821	VOLUME	555179.341	4176160.510	12.45
LOCATION	L0000822	VOLUME	555186.000	4176170.721	11.85
LOCATION	L0000823	VOLUME	555192.659	4176180.931	11.26
LOCATION	L0000824	VOLUME	555199.318	4176191.142	10.66
LOCATION	L0000825	VOLUME	555205.977	4176201.352	10.06
LOCATION	L0000826	VOLUME	555212.636	4176211.563	9.46

** End of LINE VOLUME Source ID = ARELI
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = EARLN
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 8.53
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 3
 ** 555342.533, 4176040.516, 18.57, 2.00, 3.97

** 555411.287, 4176117.714, 6.22, 2.00, 3.97
** 555543.971, 4176310.106, 1.95, 2.00, 3.97

** -----
LOCATION L0000827 VOLUME 555345.370 4176043.701 18.06
LOCATION L0000828 VOLUME 555351.043 4176050.071 17.04
LOCATION L0000829 VOLUME 555356.716 4176056.441 16.02
LOCATION L0000830 VOLUME 555362.389 4176062.811 15.00
LOCATION L0000831 VOLUME 555368.062 4176069.181 13.98
LOCATION L0000832 VOLUME 555373.735 4176075.551 12.97
LOCATION L0000833 VOLUME 555379.409 4176081.921 11.95
LOCATION L0000834 VOLUME 555385.082 4176088.290 10.93
LOCATION L0000835 VOLUME 555390.755 4176094.660 9.91
LOCATION L0000836 VOLUME 555396.428 4176101.030 8.89
LOCATION L0000837 VOLUME 555402.101 4176107.400 7.87
LOCATION L0000838 VOLUME 555407.775 4176113.770 6.85
LOCATION L0000839 VOLUME 555413.131 4176120.388 6.16
LOCATION L0000840 VOLUME 555417.974 4176127.410 6.00
LOCATION L0000841 VOLUME 555422.817 4176134.432 5.85
LOCATION L0000842 VOLUME 555427.660 4176141.454 5.69
LOCATION L0000843 VOLUME 555432.502 4176148.476 5.54
LOCATION L0000844 VOLUME 555437.345 4176155.498 5.38
LOCATION L0000845 VOLUME 555442.188 4176162.520 5.23
LOCATION L0000846 VOLUME 555447.031 4176169.542 5.07
LOCATION L0000847 VOLUME 555451.874 4176176.564 4.91
LOCATION L0000848 VOLUME 555456.716 4176183.587 4.76
LOCATION L0000849 VOLUME 555461.559 4176190.609 4.60
LOCATION L0000850 VOLUME 555466.402 4176197.631 4.45
LOCATION L0000851 VOLUME 555471.245 4176204.653 4.29
LOCATION L0000852 VOLUME 555476.087 4176211.675 4.13
LOCATION L0000853 VOLUME 555480.930 4176218.697 3.98
LOCATION L0000854 VOLUME 555485.773 4176225.719 3.82
LOCATION L0000855 VOLUME 555490.616 4176232.741 3.67
LOCATION L0000856 VOLUME 555495.458 4176239.763 3.51
LOCATION L0000857 VOLUME 555500.301 4176246.785 3.36
LOCATION L0000858 VOLUME 555505.144 4176253.807 3.20
LOCATION L0000859 VOLUME 555509.987 4176260.829 3.04
LOCATION L0000860 VOLUME 555514.829 4176267.851 2.89
LOCATION L0000861 VOLUME 555519.672 4176274.873 2.73
LOCATION L0000862 VOLUME 555524.515 4176281.895 2.58
LOCATION L0000863 VOLUME 555529.358 4176288.917 2.42
LOCATION L0000864 VOLUME 555534.200 4176295.939 2.26
LOCATION L0000865 VOLUME 555539.043 4176302.961 2.11
LOCATION L0000866 VOLUME 555543.886 4176309.983 1.95

** End of LINE VOLUME Source ID = EARLN

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = DONS

** DESCRSRC

** PREFIX

** Length of Side = 12.19

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 2

** 555402.422, 4175770.444, 32.36, 2.00, 5.67

** 555590.247, 4176037.573, 14.86, 2.00, 5.67

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** -----
LOCATION L0000867    VOLUME    555405.928  4175775.430  32.03
LOCATION L0000868    VOLUME    555412.939  4175785.402  31.38
LOCATION L0000869    VOLUME    555419.951  4175795.373  30.73
LOCATION L0000870    VOLUME    555426.962  4175805.345  30.07
LOCATION L0000871    VOLUME    555433.973  4175815.317  29.42
LOCATION L0000872    VOLUME    555440.985  4175825.289  28.77
LOCATION L0000873    VOLUME    555447.996  4175835.261  28.11
LOCATION L0000874    VOLUME    555455.008  4175845.232  27.46
LOCATION L0000875    VOLUME    555462.019  4175855.204  26.81
LOCATION L0000876    VOLUME    555469.030  4175865.176  26.15
LOCATION L0000877    VOLUME    555476.042  4175875.148  25.50
LOCATION L0000878    VOLUME    555483.053  4175885.119  24.85
LOCATION L0000879    VOLUME    555490.065  4175895.091  24.19
LOCATION L0000880    VOLUME    555497.076  4175905.063  23.54
LOCATION L0000881    VOLUME    555504.087  4175915.035  22.89
LOCATION L0000882    VOLUME    555511.099  4175925.007  22.23
LOCATION L0000883    VOLUME    555518.110  4175934.978  21.58
LOCATION L0000884    VOLUME    555525.122  4175944.950  20.93
LOCATION L0000885    VOLUME    555532.133  4175954.922  20.27
LOCATION L0000886    VOLUME    555539.144  4175964.894  19.62
LOCATION L0000887    VOLUME    555546.156  4175974.865  18.97
LOCATION L0000888    VOLUME    555553.167  4175984.837  18.31
LOCATION L0000889    VOLUME    555560.179  4175994.809  17.66
LOCATION L0000890    VOLUME    555567.190  4176004.781  17.01
LOCATION L0000891    VOLUME    555574.201  4176014.753  16.36
LOCATION L0000892    VOLUME    555581.213  4176024.724  15.70
LOCATION L0000893    VOLUME    555588.224  4176034.696  15.05
** End of LINE VOLUME Source ID = DONS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GALVEZ
** DESCRSRC
** PREFIX
** Length of Side = 24.38
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 3
** 555601.934, 4176034.234, 14.56, 2.00, 11.34
** 555624.473, 4176030.060, 14.20, 2.00, 11.34
** 555734.664, 4175955.765, 12.39, 2.00, 11.34
** -----
LOCATION L0000894    VOLUME    555613.920  4176032.014  14.37
LOCATION L0000895    VOLUME    555635.789  4176022.430  14.01
LOCATION L0000896    VOLUME    555656.003  4176008.801  13.68
LOCATION L0000897    VOLUME    555676.218  4175995.172  13.35
LOCATION L0000898    VOLUME    555696.432  4175981.542  13.02
LOCATION L0000899    VOLUME    555716.647  4175967.913  12.69
** End of LINE VOLUME Source ID = GALVEZ
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESS
** DESCRSRC
** PREFIX
** Length of Side = 12.19

```

```

** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555510.943, 4175906.513, 19.57, 2.00, 5.67
** 555647.847, 4175810.513, 32.11, 2.00, 5.67
** -----
LOCATION L0000900    VOLUME  555515.933 4175903.014 20.03
LOCATION L0000901    VOLUME  555525.914 4175896.015 20.94
LOCATION L0000902    VOLUME  555535.895 4175889.016 21.86
LOCATION L0000903    VOLUME  555545.875 4175882.018 22.77
LOCATION L0000904    VOLUME  555555.856 4175875.019 23.68
LOCATION L0000905    VOLUME  555565.837 4175868.020 24.60
LOCATION L0000906    VOLUME  555575.818 4175861.022 25.51
LOCATION L0000907    VOLUME  555585.798 4175854.023 26.43
LOCATION L0000908    VOLUME  555595.779 4175847.024 27.34
LOCATION L0000909    VOLUME  555605.760 4175840.025 28.25
LOCATION L0000910    VOLUME  555615.740 4175833.027 29.17
LOCATION L0000911    VOLUME  555625.721 4175826.028 30.08
LOCATION L0000912    VOLUME  555635.702 4175819.029 31.00
LOCATION L0000913    VOLUME  555645.683 4175812.031 31.91
** End of LINE VOLUME Source ID = INNESS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HUDSON
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555556.856, 4175974.965, 17.00, 2.00, 4.54
** 555696.264, 4175880.635, 24.77, 2.00, 4.54
** -----
LOCATION L0000914    VOLUME  555560.894 4175972.233 17.23
LOCATION L0000915    VOLUME  555568.969 4175966.769 17.68
LOCATION L0000916    VOLUME  555577.044 4175961.305 18.13
LOCATION L0000917    VOLUME  555585.119 4175955.841 18.58
LOCATION L0000918    VOLUME  555593.194 4175950.377 19.03
LOCATION L0000919    VOLUME  555601.269 4175944.913 19.48
LOCATION L0000920    VOLUME  555609.344 4175939.449 19.93
LOCATION L0000921    VOLUME  555617.419 4175933.985 20.38
LOCATION L0000922    VOLUME  555625.494 4175928.521 20.83
LOCATION L0000923    VOLUME  555633.569 4175923.057 21.28
LOCATION L0000924    VOLUME  555641.645 4175917.593 21.73
LOCATION L0000925    VOLUME  555649.720 4175912.129 22.18
LOCATION L0000926    VOLUME  555657.795 4175906.665 22.63
LOCATION L0000927    VOLUME  555665.870 4175901.201 23.08
LOCATION L0000928    VOLUME  555673.945 4175895.737 23.53
LOCATION L0000929    VOLUME  555682.020 4175890.273 23.98
LOCATION L0000930    VOLUME  555690.095 4175884.809 24.43
** End of LINE VOLUME Source ID = HUDSON
** -----
** Line Source Represented by Adjacent Volume Sources

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** LINE VOLUME Source ID = KIRKS
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555411.604, 4175769.609, 32.06, 2.00, 4.54
** 555518.456, 4175696.148, 32.61, 2.00, 4.54
** -----
LOCATION L0000931      VOLUME  555415.621 4175766.847 32.08
LOCATION L0000932      VOLUME  555423.656 4175761.323 32.12
LOCATION L0000933      VOLUME  555431.690 4175755.800 32.16
LOCATION L0000934      VOLUME  555439.724 4175750.276 32.20
LOCATION L0000935      VOLUME  555447.759 4175744.752 32.25
LOCATION L0000936      VOLUME  555455.793 4175739.229 32.29
LOCATION L0000937      VOLUME  555463.828 4175733.705 32.33
LOCATION L0000938      VOLUME  555471.862 4175728.181 32.37
LOCATION L0000939      VOLUME  555479.896 4175722.658 32.41
LOCATION L0000940      VOLUME  555487.931 4175717.134 32.45
LOCATION L0000941      VOLUME  555495.965 4175711.610 32.49
LOCATION L0000942      VOLUME  555504.000 4175706.087 32.54
LOCATION L0000943      VOLUME  555512.034 4175700.563 32.58
** End of LINE VOLUME Source ID = KIRKS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FRIED
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555442.491, 4175752.078, 30.40, 2.00, 4.54
** 555587.743, 4175953.260, 21.52, 2.00, 4.54
** -----
LOCATION L0000944      VOLUME  555445.345 4175756.030 30.23
LOCATION L0000945      VOLUME  555451.052 4175763.935 29.88
LOCATION L0000946      VOLUME  555456.759 4175771.840 29.53
LOCATION L0000947      VOLUME  555462.467 4175779.745 29.18
LOCATION L0000948      VOLUME  555468.174 4175787.650 28.83
LOCATION L0000949      VOLUME  555473.881 4175795.555 28.48
LOCATION L0000950      VOLUME  555479.589 4175803.460 28.13
LOCATION L0000951      VOLUME  555485.296 4175811.365 27.78
LOCATION L0000952      VOLUME  555491.003 4175819.270 27.43
LOCATION L0000953      VOLUME  555496.711 4175827.175 27.09
LOCATION L0000954      VOLUME  555502.418 4175835.080 26.74
LOCATION L0000955      VOLUME  555508.125 4175842.985 26.39
LOCATION L0000956      VOLUME  555513.833 4175850.890 26.04
LOCATION L0000957      VOLUME  555519.540 4175858.795 25.69
LOCATION L0000958      VOLUME  555525.247 4175866.700 25.34
LOCATION L0000959      VOLUME  555530.955 4175874.605 24.99
LOCATION L0000960      VOLUME  555536.662 4175882.510 24.64

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LOCATION	L0000961	VOLUME	555542.369	4175890.415	24.29
LOCATION	L0000962	VOLUME	555548.077	4175898.320	23.94
LOCATION	L0000963	VOLUME	555553.784	4175906.225	23.60
LOCATION	L0000964	VOLUME	555559.492	4175914.130	23.25
LOCATION	L0000965	VOLUME	555565.199	4175922.035	22.90
LOCATION	L0000966	VOLUME	555570.906	4175929.940	22.55
LOCATION	L0000967	VOLUME	555576.614	4175937.845	22.20
LOCATION	L0000968	VOLUME	555582.321	4175945.750	21.85

** End of LINE VOLUME Source ID = FRIED

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = JERR

** DESCRSRC

** PREFIX

** Length of Side = 9.75

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 2

** 555287.767, 4175961.265, 41.61, 2.00, 4.54

** 555450.550, 4175845.229, 30.22, 2.00, 4.54

LOCATION	L0000969	VOLUME	555291.737	4175958.435	41.33
LOCATION	L0000970	VOLUME	555299.676	4175952.776	40.78
LOCATION	L0000971	VOLUME	555307.615	4175947.117	40.22
LOCATION	L0000972	VOLUME	555315.555	4175941.457	39.67
LOCATION	L0000973	VOLUME	555323.494	4175935.798	39.11
LOCATION	L0000974	VOLUME	555331.434	4175930.138	38.55
LOCATION	L0000975	VOLUME	555339.373	4175924.479	38.00
LOCATION	L0000976	VOLUME	555347.312	4175918.820	37.44
LOCATION	L0000977	VOLUME	555355.252	4175913.160	36.89
LOCATION	L0000978	VOLUME	555363.191	4175907.501	36.33
LOCATION	L0000979	VOLUME	555371.130	4175901.841	35.78
LOCATION	L0000980	VOLUME	555379.070	4175896.182	35.22
LOCATION	L0000981	VOLUME	555387.009	4175890.523	34.67
LOCATION	L0000982	VOLUME	555394.949	4175884.863	34.11
LOCATION	L0000983	VOLUME	555402.888	4175879.204	33.55
LOCATION	L0000984	VOLUME	555410.827	4175873.544	33.00
LOCATION	L0000985	VOLUME	555418.767	4175867.885	32.44
LOCATION	L0000986	VOLUME	555426.706	4175862.226	31.89
LOCATION	L0000987	VOLUME	555434.645	4175856.566	31.33
LOCATION	L0000988	VOLUME	555442.585	4175850.907	30.78
LOCATION	L0000989	VOLUME	555450.524	4175845.247	30.22

** End of LINE VOLUME Source ID = JERR

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = NORTH

** DESCRSRC

** PREFIX

** Length of Side = 9.75

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 8

** 554694.670, 4176228.420, 66.09, 2.00, 4.54

** 554735.110, 4176222.643, 63.04, 2.00, 4.54
** 554757.063, 4176203.001, 60.06, 2.00, 4.54
** 554780.171, 4176197.224, 56.43, 2.00, 4.54
** 554837.942, 4176153.318, 48.66, 2.00, 4.54
** 554991.613, 4176148.696, 33.60, 2.00, 4.54
** 555144.128, 4176065.506, 36.75, 2.00, 4.54
** 555281.623, 4175964.985, 41.72, 2.00, 4.54

**

LOCATION	L0000990	VOLUME	554699.496	4176227.731	65.73
LOCATION	L0000991	VOLUME	554709.148	4176226.352	65.00
LOCATION	L0000992	VOLUME	554718.800	4176224.973	64.27
LOCATION	L0000993	VOLUME	554728.452	4176223.594	63.54
LOCATION	L0000994	VOLUME	554737.364	4176220.626	62.73
LOCATION	L0000995	VOLUME	554744.630	4176214.125	61.75
LOCATION	L0000996	VOLUME	554751.896	4176207.624	60.76
LOCATION	L0000997	VOLUME	554759.796	4176202.318	59.63
LOCATION	L0000998	VOLUME	554769.255	4176199.953	58.14
LOCATION	L0000999	VOLUME	554778.714	4176197.588	56.66
LOCATION	L0001000	VOLUME	554786.738	4176192.233	55.55
LOCATION	L0001001	VOLUME	554794.500	4176186.334	54.50
LOCATION	L0001002	VOLUME	554802.263	4176180.434	53.46
LOCATION	L0001003	VOLUME	554810.025	4176174.535	52.41
LOCATION	L0001004	VOLUME	554817.788	4176168.635	51.37
LOCATION	L0001005	VOLUME	554825.550	4176162.736	50.33
LOCATION	L0001006	VOLUME	554833.313	4176156.836	49.28
LOCATION	L0001007	VOLUME	554841.876	4176153.200	48.27
LOCATION	L0001008	VOLUME	554851.622	4176152.907	47.32
LOCATION	L0001009	VOLUME	554861.367	4176152.613	46.36
LOCATION	L0001010	VOLUME	554871.113	4176152.320	45.41
LOCATION	L0001011	VOLUME	554880.859	4176152.027	44.45
LOCATION	L0001012	VOLUME	554890.604	4176151.734	43.50
LOCATION	L0001013	VOLUME	554900.350	4176151.441	42.54
LOCATION	L0001014	VOLUME	554910.095	4176151.148	41.59
LOCATION	L0001015	VOLUME	554919.841	4176150.855	40.63
LOCATION	L0001016	VOLUME	554929.586	4176150.562	39.68
LOCATION	L0001017	VOLUME	554939.332	4176150.268	38.72
LOCATION	L0001018	VOLUME	554949.078	4176149.975	37.77
LOCATION	L0001019	VOLUME	554958.823	4176149.682	36.81
LOCATION	L0001020	VOLUME	554968.569	4176149.389	35.86
LOCATION	L0001021	VOLUME	554978.314	4176149.096	34.90
LOCATION	L0001022	VOLUME	554988.060	4176148.803	33.95
LOCATION	L0001023	VOLUME	554997.052	4176145.729	33.71
LOCATION	L0001024	VOLUME	555005.611	4176141.060	33.89
LOCATION	L0001025	VOLUME	555014.171	4176136.392	34.07
LOCATION	L0001026	VOLUME	555022.730	4176131.723	34.24
LOCATION	L0001027	VOLUME	555031.290	4176127.054	34.42
LOCATION	L0001028	VOLUME	555039.849	4176122.385	34.60
LOCATION	L0001029	VOLUME	555048.409	4176117.716	34.77
LOCATION	L0001030	VOLUME	555056.968	4176113.048	34.95
LOCATION	L0001031	VOLUME	555065.528	4176108.379	35.13
LOCATION	L0001032	VOLUME	555074.087	4176103.710	35.30
LOCATION	L0001033	VOLUME	555082.647	4176099.041	35.48
LOCATION	L0001034	VOLUME	555091.206	4176094.372	35.66
LOCATION	L0001035	VOLUME	555099.766	4176089.704	35.83
LOCATION	L0001036	VOLUME	555108.325	4176085.035	36.01
LOCATION	L0001037	VOLUME	555116.885	4176080.366	36.19
LOCATION	L0001038	VOLUME	555125.444	4176075.697	36.36

LOCATION	L0001039	VOLUME	555134.004	4176071.028	36.54
LOCATION	L0001040	VOLUME	555142.563	4176066.360	36.72
LOCATION	L0001041	VOLUME	555150.560	4176060.804	36.98
LOCATION	L0001042	VOLUME	555158.431	4176055.049	37.27
LOCATION	L0001043	VOLUME	555166.302	4176049.295	37.55
LOCATION	L0001044	VOLUME	555174.172	4176043.541	37.84
LOCATION	L0001045	VOLUME	555182.043	4176037.787	38.12
LOCATION	L0001046	VOLUME	555189.914	4176032.032	38.41
LOCATION	L0001047	VOLUME	555197.785	4176026.278	38.69
LOCATION	L0001048	VOLUME	555205.656	4176020.524	38.97
LOCATION	L0001049	VOLUME	555213.527	4176014.769	39.26
LOCATION	L0001050	VOLUME	555221.398	4176009.015	39.54
LOCATION	L0001051	VOLUME	555229.269	4176003.261	39.83
LOCATION	L0001052	VOLUME	555237.139	4175997.506	40.11
LOCATION	L0001053	VOLUME	555245.010	4175991.752	40.40
LOCATION	L0001054	VOLUME	555252.881	4175985.998	40.68
LOCATION	L0001055	VOLUME	555260.752	4175980.244	40.97
LOCATION	L0001056	VOLUME	555268.623	4175974.489	41.25
LOCATION	L0001057	VOLUME	555276.494	4175968.735	41.53

** End of LINE VOLUME Source ID = NORTH
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = EARLS
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555286.540, 4175961.335, 41.69, 2.00, 4.54
** 555238.289, 4175894.990, 50.09, 2.00, 4.54
** -----

LOCATION	L0001058	VOLUME	555283.673	4175957.392	42.19
LOCATION	L0001059	VOLUME	555277.938	4175949.507	43.19
LOCATION	L0001060	VOLUME	555272.203	4175941.622	44.19
LOCATION	L0001061	VOLUME	555266.469	4175933.737	45.18
LOCATION	L0001062	VOLUME	555260.734	4175925.852	46.18
LOCATION	L0001063	VOLUME	555254.999	4175917.967	47.18
LOCATION	L0001064	VOLUME	555249.265	4175910.081	48.18
LOCATION	L0001065	VOLUME	555243.530	4175902.196	49.18

** End of LINE VOLUME Source ID = EARLS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = KIRKN
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 9
** 554675.912, 4176161.117, 70.08, 2.00, 4.54
** 554690.813, 4176153.312, 69.81, 2.00, 4.54
** 554751.837, 4176088.740, 67.23, 2.00, 4.54

** 554789.445, 4176063.905, 64.12, 2.00, 4.54
** 554851.888, 4176043.327, 58.54, 2.00, 4.54
** 554893.043, 4176043.327, 57.02, 2.00, 4.54
** 554966.840, 4176058.228, 52.57, 2.00, 4.54
** 555012.253, 4176048.294, 51.68, 2.00, 4.54
** 555234.351, 4175895.025, 50.12, 2.00, 4.54

** -----
LOCATION L0001066 VOLUME 554680.230 4176158.855 70.00
LOCATION L0001067 VOLUME 554688.867 4176154.331 69.85
LOCATION L0001068 VOLUME 554696.001 4176147.822 69.59
LOCATION L0001069 VOLUME 554702.698 4176140.736 69.31
LOCATION L0001070 VOLUME 554709.395 4176133.650 69.02
LOCATION L0001071 VOLUME 554716.092 4176126.563 68.74
LOCATION L0001072 VOLUME 554722.789 4176119.477 68.46
LOCATION L0001073 VOLUME 554729.486 4176112.391 68.17
LOCATION L0001074 VOLUME 554736.182 4176105.305 67.89
LOCATION L0001075 VOLUME 554742.879 4176098.219 67.61
LOCATION L0001076 VOLUME 554749.576 4176091.132 67.33
LOCATION L0001077 VOLUME 554757.226 4176085.181 66.78
LOCATION L0001078 VOLUME 554765.362 4176079.808 66.11
LOCATION L0001079 VOLUME 554773.499 4176074.435 65.44
LOCATION L0001080 VOLUME 554781.635 4176069.063 64.77
LOCATION L0001081 VOLUME 554789.816 4176063.783 64.09
LOCATION L0001082 VOLUME 554799.076 4176060.731 63.26
LOCATION L0001083 VOLUME 554808.336 4176057.680 62.43
LOCATION L0001084 VOLUME 554817.596 4176054.628 61.60
LOCATION L0001085 VOLUME 554826.856 4176051.576 60.78
LOCATION L0001086 VOLUME 554836.116 4176048.525 59.95
LOCATION L0001087 VOLUME 554845.376 4176045.473 59.12
LOCATION L0001088 VOLUME 554854.782 4176043.327 58.43
LOCATION L0001089 VOLUME 554864.532 4176043.327 58.07
LOCATION L0001090 VOLUME 554874.282 4176043.327 57.71
LOCATION L0001091 VOLUME 554884.032 4176043.327 57.35
LOCATION L0001092 VOLUME 554893.767 4176043.473 56.98
LOCATION L0001093 VOLUME 554903.324 4176045.403 56.40
LOCATION L0001094 VOLUME 554912.882 4176047.333 55.82
LOCATION L0001095 VOLUME 554922.439 4176049.263 55.25
LOCATION L0001096 VOLUME 554931.996 4176051.192 54.67
LOCATION L0001097 VOLUME 554941.553 4176053.122 54.09
LOCATION L0001098 VOLUME 554951.110 4176055.052 53.52
LOCATION L0001099 VOLUME 554960.667 4176056.982 52.94
LOCATION L0001100 VOLUME 554970.213 4176057.490 52.50
LOCATION L0001101 VOLUME 554979.738 4176055.407 52.32
LOCATION L0001102 VOLUME 554989.262 4176053.323 52.13
LOCATION L0001103 VOLUME 554998.787 4176051.240 51.94
LOCATION L0001104 VOLUME 555008.312 4176049.156 51.76
LOCATION L0001105 VOLUME 555016.957 4176045.048 51.65
LOCATION L0001106 VOLUME 555024.982 4176039.510 51.59
LOCATION L0001107 VOLUME 555033.007 4176033.972 51.53
LOCATION L0001108 VOLUME 555041.031 4176028.434 51.48
LOCATION L0001109 VOLUME 555049.056 4176022.896 51.42
LOCATION L0001110 VOLUME 555057.081 4176017.359 51.37
LOCATION L0001111 VOLUME 555065.105 4176011.821 51.31
LOCATION L0001112 VOLUME 555073.130 4176006.283 51.25
LOCATION L0001113 VOLUME 555081.155 4176000.745 51.20
LOCATION L0001114 VOLUME 555089.179 4175995.207 51.14
LOCATION L0001115 VOLUME 555097.204 4175989.670 51.08

LOCATION	L0001116	VOLUME	555105.229	4175984.132	51.03
LOCATION	L0001117	VOLUME	555113.253	4175978.594	50.97
LOCATION	L0001118	VOLUME	555121.278	4175973.056	50.91
LOCATION	L0001119	VOLUME	555129.303	4175967.518	50.86
LOCATION	L0001120	VOLUME	555137.327	4175961.981	50.80
LOCATION	L0001121	VOLUME	555145.352	4175956.443	50.75
LOCATION	L0001122	VOLUME	555153.377	4175950.905	50.69
LOCATION	L0001123	VOLUME	555161.401	4175945.367	50.63
LOCATION	L0001124	VOLUME	555169.426	4175939.829	50.58
LOCATION	L0001125	VOLUME	555177.451	4175934.292	50.52
LOCATION	L0001126	VOLUME	555185.475	4175928.754	50.46
LOCATION	L0001127	VOLUME	555193.500	4175923.216	50.41
LOCATION	L0001128	VOLUME	555201.525	4175917.678	50.35
LOCATION	L0001129	VOLUME	555209.549	4175912.141	50.29
LOCATION	L0001130	VOLUME	555217.574	4175906.603	50.24
LOCATION	L0001131	VOLUME	555225.599	4175901.065	50.18
LOCATION	L0001132	VOLUME	555233.623	4175895.527	50.13

** End of LINE VOLUME Source ID = KIRKN
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = INGALLS
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 10.97
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 7
 ** 554671.654, 4176163.956, 70.05, 2.00, 5.10
 ** 554685.561, 4176197.232, 69.11, 2.00, 5.10
 ** 554691.523, 4176234.235, 65.57, 2.00, 5.10
 ** 554669.053, 4176313.322, 53.70, 2.00, 5.10
 ** 554643.824, 4176384.119, 42.72, 2.00, 5.10
 ** 554637.579, 4176439.343, 35.20, 2.00, 5.10
 ** 554682.511, 4176495.884, 31.77, 2.00, 5.10
 ** -----

LOCATION	L0001133	VOLUME	554673.769	4176169.017	69.91
LOCATION	L0001134	VOLUME	554677.999	4176179.138	69.62
LOCATION	L0001135	VOLUME	554682.229	4176189.260	69.34
LOCATION	L0001136	VOLUME	554685.932	4176199.532	68.89
LOCATION	L0001137	VOLUME	554687.677	4176210.362	67.85
LOCATION	L0001138	VOLUME	554689.422	4176221.193	66.82
LOCATION	L0001139	VOLUME	554691.167	4176232.023	65.78
LOCATION	L0001140	VOLUME	554689.137	4176242.632	64.31
LOCATION	L0001141	VOLUME	554686.139	4176253.185	62.73
LOCATION	L0001142	VOLUME	554683.141	4176263.737	61.14
LOCATION	L0001143	VOLUME	554680.143	4176274.289	59.56
LOCATION	L0001144	VOLUME	554677.145	4176284.842	57.97
LOCATION	L0001145	VOLUME	554674.147	4176295.394	56.39
LOCATION	L0001146	VOLUME	554671.149	4176305.946	54.81
LOCATION	L0001147	VOLUME	554667.944	4176316.433	53.22
LOCATION	L0001148	VOLUME	554664.262	4176326.766	51.61
LOCATION	L0001149	VOLUME	554660.580	4176337.100	50.01
LOCATION	L0001150	VOLUME	554656.897	4176347.433	48.41
LOCATION	L0001151	VOLUME	554653.215	4176357.767	46.81
LOCATION	L0001152	VOLUME	554649.532	4176368.100	45.20

LOCATION	L0001153	VOLUME	554645.850	4176378.434	43.60
LOCATION	L0001154	VOLUME	554643.270	4176389.022	42.05
LOCATION	L0001155	VOLUME	554642.037	4176399.923	40.57
LOCATION	L0001156	VOLUME	554640.804	4176410.823	39.08
LOCATION	L0001157	VOLUME	554639.571	4176421.724	37.60
LOCATION	L0001158	VOLUME	554638.339	4176432.624	36.11
LOCATION	L0001159	VOLUME	554640.197	4176442.638	35.00
LOCATION	L0001160	VOLUME	554647.022	4176451.226	34.48
LOCATION	L0001161	VOLUME	554653.847	4176459.815	33.96
LOCATION	L0001162	VOLUME	554660.672	4176468.403	33.44
LOCATION	L0001163	VOLUME	554667.497	4176476.991	32.92
LOCATION	L0001164	VOLUME	554674.322	4176485.580	32.40
LOCATION	L0001165	VOLUME	554681.147	4176494.168	31.87
** End of LINE VOLUME Source ID = INGALLS					
** -----					
** Source Parameters **					
SRCPARAM	EMGEN1	1.0	25.384	739.817	45.30000 0.183
SRCPARAM	EMGEN2	1.0	19.593	739.817	45.30000 0.183
SRCPARAM	EMGEN3	1.0	5.572	739.817	45.30000 0.183
SRCPARAM	EMGEN4	1.0	24.774	739.817	45.30000 0.183
SRCPARAM	EMGEN5	1.0	25.384	739.817	45.30000 0.183
SRCPARAM	EMGEN6	1.0	19.593	739.817	45.30000 0.183
SRCPARAM	EMGEN7	1.0	5.572	739.817	45.30000 0.183
SRCPARAM	EMGEN8	1.0	24.774	739.817	45.30000 0.183
** LINE VOLUME Source ID = INNESN					
SRCPARAM	L0000001	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000002	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000003	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000004	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000005	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000006	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000007	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000008	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000009	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000010	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000011	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000012	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000013	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000014	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000015	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000016	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000017	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000018	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000019	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000020	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000021	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000022	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000023	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000024	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000025	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000026	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000027	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000028	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000029	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000030	0.0135135135	2.00	6.24	2.30

SRCPARAM	L0000031	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000032	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000033	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000034	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000035	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000036	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000037	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000038	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000039	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000040	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000041	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000042	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000043	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000044	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000045	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000046	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000047	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000048	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000049	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000050	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000051	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000052	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000053	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000054	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000055	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000056	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000057	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000058	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000059	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000060	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000061	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000062	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000063	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000064	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000065	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000066	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000067	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000068	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000069	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000070	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000071	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000072	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000073	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000074	0.0135135135	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = HAWES					
SRCPARAM	L0000688	0.25	2.00	8.51	2.30
SRCPARAM	L0000689	0.25	2.00	8.51	2.30
SRCPARAM	L0000690	0.25	2.00	8.51	2.30
SRCPARAM	L0000691	0.25	2.00	8.51	2.30
** -----					
** LINE VOLUME Source ID = HUNT					
SRCPARAM	L0000692	0.03125	2.00	6.24	2.30
SRCPARAM	L0000693	0.03125	2.00	6.24	2.30
SRCPARAM	L0000694	0.03125	2.00	6.24	2.30
SRCPARAM	L0000695	0.03125	2.00	6.24	2.30
SRCPARAM	L0000696	0.03125	2.00	6.24	2.30

SRCPARAM	L0000697	0.03125	2.00	6.24	2.30
SRCPARAM	L0000698	0.03125	2.00	6.24	2.30
SRCPARAM	L0000699	0.03125	2.00	6.24	2.30
SRCPARAM	L0000700	0.03125	2.00	6.24	2.30
SRCPARAM	L0000701	0.03125	2.00	6.24	2.30
SRCPARAM	L0000702	0.03125	2.00	6.24	2.30
SRCPARAM	L0000703	0.03125	2.00	6.24	2.30
SRCPARAM	L0000704	0.03125	2.00	6.24	2.30
SRCPARAM	L0000705	0.03125	2.00	6.24	2.30
SRCPARAM	L0000706	0.03125	2.00	6.24	2.30
SRCPARAM	L0000707	0.03125	2.00	6.24	2.30
SRCPARAM	L0000708	0.03125	2.00	6.24	2.30
SRCPARAM	L0000709	0.03125	2.00	6.24	2.30
SRCPARAM	L0000710	0.03125	2.00	6.24	2.30
SRCPARAM	L0000711	0.03125	2.00	6.24	2.30
SRCPARAM	L0000712	0.03125	2.00	6.24	2.30
SRCPARAM	L0000713	0.03125	2.00	6.24	2.30
SRCPARAM	L0000714	0.03125	2.00	6.24	2.30
SRCPARAM	L0000715	0.03125	2.00	6.24	2.30
SRCPARAM	L0000716	0.03125	2.00	6.24	2.30
SRCPARAM	L0000717	0.03125	2.00	6.24	2.30
SRCPARAM	L0000718	0.03125	2.00	6.24	2.30
SRCPARAM	L0000719	0.03125	2.00	6.24	2.30
SRCPARAM	L0000720	0.03125	2.00	6.24	2.30
SRCPARAM	L0000721	0.03125	2.00	6.24	2.30
SRCPARAM	L0000722	0.03125	2.00	6.24	2.30
SRCPARAM	L0000723	0.03125	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = EVANS					
SRCPARAM	L0000724	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000725	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000726	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000727	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000728	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000729	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000730	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000731	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000732	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000733	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000734	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000735	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000736	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000737	0.0714285714	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = JENN					
SRCPARAM	L0000738	0.125	2.00	5.95	2.30
SRCPARAM	L0000739	0.125	2.00	5.95	2.30
SRCPARAM	L0000740	0.125	2.00	5.95	2.30
SRCPARAM	L0000741	0.125	2.00	5.95	2.30
SRCPARAM	L0000742	0.125	2.00	5.95	2.30
SRCPARAM	L0000743	0.125	2.00	5.95	2.30
SRCPARAM	L0000744	0.125	2.00	5.95	2.30
SRCPARAM	L0000745	0.125	2.00	5.95	2.30
** -----					
** LINE VOLUME Source ID = MIDDLE					
SRCPARAM	L0000746	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000747	0.0344827586	2.00	4.82	2.30

SRCPARAM	L0000748	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000749	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000750	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000751	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000752	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000753	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000754	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000755	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000756	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000757	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000758	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000759	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000760	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000761	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000762	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000763	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000764	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000765	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000766	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000767	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000768	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000769	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000770	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000771	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000772	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000773	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000774	0.0344827586	2.00	4.82	2.30
** -----					
** LINE VOLUME Source ID = GRIFF					
SRCPARAM	L0000775	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000776	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000777	0.3333333333	2.00	3.69	2.30
** -----					
** LINE VOLUME Source ID = NHUD					
SRCPARAM	L0000778	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000779	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000780	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000781	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000782	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000783	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000784	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000785	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000786	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000787	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000788	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000789	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000790	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000791	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000792	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000793	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000794	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000795	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000796	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000797	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000798	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000799	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000800	0.023255814	2.00	4.96	2.30

SRCPARAM	L0000801	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000802	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000803	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000804	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000805	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000806	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000807	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000808	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000809	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000810	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000811	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000812	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000813	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000814	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000815	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000816	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000817	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000818	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000819	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000820	0.023255814	2.00	4.96	2.30
** -----					
** LINE VOLUME Source ID = ARELI					
SRCPARAM	L0000821	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000822	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000823	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000824	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000825	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000826	0.1666666667	2.00	5.67	2.30
** -----					
** LINE VOLUME Source ID = EARLN					
SRCPARAM	L0000827	0.025	2.00	3.97	2.30
SRCPARAM	L0000828	0.025	2.00	3.97	2.30
SRCPARAM	L0000829	0.025	2.00	3.97	2.30
SRCPARAM	L0000830	0.025	2.00	3.97	2.30
SRCPARAM	L0000831	0.025	2.00	3.97	2.30
SRCPARAM	L0000832	0.025	2.00	3.97	2.30
SRCPARAM	L0000833	0.025	2.00	3.97	2.30
SRCPARAM	L0000834	0.025	2.00	3.97	2.30
SRCPARAM	L0000835	0.025	2.00	3.97	2.30
SRCPARAM	L0000836	0.025	2.00	3.97	2.30
SRCPARAM	L0000837	0.025	2.00	3.97	2.30
SRCPARAM	L0000838	0.025	2.00	3.97	2.30
SRCPARAM	L0000839	0.025	2.00	3.97	2.30
SRCPARAM	L0000840	0.025	2.00	3.97	2.30
SRCPARAM	L0000841	0.025	2.00	3.97	2.30
SRCPARAM	L0000842	0.025	2.00	3.97	2.30
SRCPARAM	L0000843	0.025	2.00	3.97	2.30
SRCPARAM	L0000844	0.025	2.00	3.97	2.30
SRCPARAM	L0000845	0.025	2.00	3.97	2.30
SRCPARAM	L0000846	0.025	2.00	3.97	2.30
SRCPARAM	L0000847	0.025	2.00	3.97	2.30
SRCPARAM	L0000848	0.025	2.00	3.97	2.30
SRCPARAM	L0000849	0.025	2.00	3.97	2.30
SRCPARAM	L0000850	0.025	2.00	3.97	2.30
SRCPARAM	L0000851	0.025	2.00	3.97	2.30
SRCPARAM	L0000852	0.025	2.00	3.97	2.30
SRCPARAM	L0000853	0.025	2.00	3.97	2.30

SRCPARAM	L0000854	0.025	2.00	3.97	2.30
SRCPARAM	L0000855	0.025	2.00	3.97	2.30
SRCPARAM	L0000856	0.025	2.00	3.97	2.30
SRCPARAM	L0000857	0.025	2.00	3.97	2.30
SRCPARAM	L0000858	0.025	2.00	3.97	2.30
SRCPARAM	L0000859	0.025	2.00	3.97	2.30
SRCPARAM	L0000860	0.025	2.00	3.97	2.30
SRCPARAM	L0000861	0.025	2.00	3.97	2.30
SRCPARAM	L0000862	0.025	2.00	3.97	2.30
SRCPARAM	L0000863	0.025	2.00	3.97	2.30
SRCPARAM	L0000864	0.025	2.00	3.97	2.30
SRCPARAM	L0000865	0.025	2.00	3.97	2.30
SRCPARAM	L0000866	0.025	2.00	3.97	2.30
** -----					
** LINE VOLUME Source ID = DONS					
SRCPARAM	L0000867	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000868	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000869	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000870	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000871	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000872	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000873	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000874	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000875	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000876	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000877	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000878	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000879	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000880	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000881	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000882	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000883	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000884	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000885	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000886	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000887	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000888	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000889	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000890	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000891	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000892	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000893	0.037037037	2.00	5.67	2.30
** -----					
** LINE VOLUME Source ID = GALVEZ					
SRCPARAM	L0000894	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000895	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000896	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000897	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000898	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000899	0.166666667	2.00	11.34	2.30
** -----					
** LINE VOLUME Source ID = INNESS					
SRCPARAM	L0000900	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000901	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000902	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000903	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000904	0.0714285714	2.00	5.67	2.30

SRCPARAM	L0000905	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000906	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000907	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000908	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000909	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000910	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000911	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000912	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000913	0.0714285714	2.00	5.67	2.30
** -----					
**	LINE VOLUME Source ID = HUDSON				
SRCPARAM	L0000914	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000915	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000916	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000917	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000918	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000919	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000920	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000921	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000922	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000923	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000924	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000925	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000926	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000927	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000928	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000929	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000930	0.0588235294	2.00	4.54	2.30
** -----					
**	LINE VOLUME Source ID = KIRKS				
SRCPARAM	L0000931	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000932	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000933	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000934	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000935	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000936	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000937	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000938	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000939	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000940	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000941	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000942	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000943	0.0769230769	2.00	4.54	2.30
** -----					
**	LINE VOLUME Source ID = FRIED				
SRCPARAM	L0000944	0.04	2.00	4.54	2.30
SRCPARAM	L0000945	0.04	2.00	4.54	2.30
SRCPARAM	L0000946	0.04	2.00	4.54	2.30
SRCPARAM	L0000947	0.04	2.00	4.54	2.30
SRCPARAM	L0000948	0.04	2.00	4.54	2.30
SRCPARAM	L0000949	0.04	2.00	4.54	2.30
SRCPARAM	L0000950	0.04	2.00	4.54	2.30
SRCPARAM	L0000951	0.04	2.00	4.54	2.30
SRCPARAM	L0000952	0.04	2.00	4.54	2.30
SRCPARAM	L0000953	0.04	2.00	4.54	2.30
SRCPARAM	L0000954	0.04	2.00	4.54	2.30
SRCPARAM	L0000955	0.04	2.00	4.54	2.30

SRCPARAM	L0000956	0.04	2.00	4.54	2.30
SRCPARAM	L0000957	0.04	2.00	4.54	2.30
SRCPARAM	L0000958	0.04	2.00	4.54	2.30
SRCPARAM	L0000959	0.04	2.00	4.54	2.30
SRCPARAM	L0000960	0.04	2.00	4.54	2.30
SRCPARAM	L0000961	0.04	2.00	4.54	2.30
SRCPARAM	L0000962	0.04	2.00	4.54	2.30
SRCPARAM	L0000963	0.04	2.00	4.54	2.30
SRCPARAM	L0000964	0.04	2.00	4.54	2.30
SRCPARAM	L0000965	0.04	2.00	4.54	2.30
SRCPARAM	L0000966	0.04	2.00	4.54	2.30
SRCPARAM	L0000967	0.04	2.00	4.54	2.30
SRCPARAM	L0000968	0.04	2.00	4.54	2.30
** -----					
** LINE VOLUME Source ID = JERR					
SRCPARAM	L0000969	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000970	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000971	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000972	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000973	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000974	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000975	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000976	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000977	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000978	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000979	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000980	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000981	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000982	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000983	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000984	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000985	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000986	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000987	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000988	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000989	0.0476190476	2.00	4.54	2.30
** -----					
** LINE VOLUME Source ID = NORTH					
SRCPARAM	L0000990	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000991	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000992	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000993	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000994	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000995	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000996	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000997	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000998	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000999	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001000	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001001	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001002	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001003	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001004	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001005	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001006	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001007	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001008	0.0147058824	2.00	4.54	2.30

SRCPARAM	L0001009	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001010	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001011	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001012	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001013	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001014	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001015	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001016	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001017	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001018	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001019	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001020	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001021	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001022	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001023	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001024	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001025	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001026	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001027	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001028	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001029	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001030	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001031	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001032	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001033	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001034	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001035	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001036	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001037	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001038	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001039	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001040	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001041	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001042	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001043	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001044	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001045	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001046	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001047	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001048	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001049	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001050	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001051	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001052	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001053	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001054	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001055	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001056	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001057	0.0147058824	2.00	4.54	2.30
** -----					
** LINE VOLUME Source ID = EARLS					
SRCPARAM	L0001058	0.125	2.00	4.54	2.30
SRCPARAM	L0001059	0.125	2.00	4.54	2.30
SRCPARAM	L0001060	0.125	2.00	4.54	2.30
SRCPARAM	L0001061	0.125	2.00	4.54	2.30
SRCPARAM	L0001062	0.125	2.00	4.54	2.30
SRCPARAM	L0001063	0.125	2.00	4.54	2.30

	SRCPARAM L0001064	0.125	2.00	4.54	2.30
	SRCPARAM L0001065	0.125	2.00	4.54	2.30

**					
**	LINE VOLUME Source ID = KIRKN				
	SRCPARAM L0001066	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001067	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001068	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001069	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001070	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001071	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001072	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001073	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001074	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001075	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001076	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001077	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001078	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001079	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001080	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001081	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001082	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001083	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001084	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001085	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001086	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001087	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001088	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001089	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001090	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001091	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001092	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001093	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001094	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001095	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001096	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001097	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001098	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001099	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001100	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001101	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001102	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001103	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001104	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001105	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001106	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001107	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001108	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001109	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001110	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001111	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001112	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001113	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001114	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001115	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001116	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001117	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001118	0.0149253731	2.00	4.54	2.30

SRCPARAM	L0001119	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001120	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001121	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001122	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001123	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001124	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001125	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001126	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001127	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001128	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001129	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001130	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001131	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001132	0.0149253731	2.00	4.54	2.30		
**							
** LINE VOLUME Source ID = INGALLS							
SRCPARAM	L0001133	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001134	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001135	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001136	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001137	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001138	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001139	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001140	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001141	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001142	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001143	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001144	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001145	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001146	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001147	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001148	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001149	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001150	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001151	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001152	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001153	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001154	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001155	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001156	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001157	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001158	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001159	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001160	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001161	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001162	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001163	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001164	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001165	0.0303030303	2.00	5.10	2.30		
**							
** Building Downwash **							
BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72

BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	20.73	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	18.29	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN3	18.59	18.59	4.57	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN3	22.86	22.86	21.64	18.29	20.73	42.67
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	44.20	44.20	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	20.73	20.73	42.67
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	18.29	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN7	18.59	18.59	13.72	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN7	22.86	22.86	21.64	18.29	20.73	42.67
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	44.20	44.20	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08

BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	103.36	99.97	68.37	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	25.95	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	76.66	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN3	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN3	30.02	28.94	8.18	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN3	103.61	103.36	23.58	103.89	73.76	42.72
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	40.38	41.57	33.13	33.20	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	103.36	99.97	68.37	73.76	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	21.17	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	76.66	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN7	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN7	30.02	28.94	45.61	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN7	103.61	103.36	23.58	103.89	73.76	42.72
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	40.38	41.57	33.13	33.20	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDLN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11

BUILDLEN	EMGEN2	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	70.66	81.29	75.56	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	32.07	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	51.26	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN3	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN3	29.41	30.15	8.22	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN3	60.89	70.66	26.12	71.03	71.93	41.49
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	44.12	43.79	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	70.66	81.29	75.56	71.93	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	20.09	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	51.26	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN7	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN7	29.41	30.15	77.19	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN7	60.89	70.66	26.12	71.03	71.93	41.49
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	44.12	43.79	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
XBADJ	EMGEN1	-50.56	-42.27	-32.69	-27.79	-26.50	-24.41
XBADJ	EMGEN1	-21.58	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	0.63	-2.07	-10.00	-19.29	-27.99	-35.84
XBADJ	EMGEN1	-42.60	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-31.55	-93.15	-97.43	-98.75	-97.06	-92.43

XBADJ	EMGEN2	-87.96	-118.76	-117.86	21.75	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-130.12	53.24	58.63	61.71	62.92	62.22
XBADJ	EMGEN2	58.16	-125.27	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-115.11	-104.08
XBADJ	EMGEN3	-92.94	-87.65	34.90	32.24	28.59	76.63
XBADJ	EMGEN3	34.76	31.69	-1.81	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-122.34	41.90
XBADJ	EMGEN3	32.05	16.98	-122.78	-139.36	-141.26	-118.12
XBADJ	EMGEN4	-75.36	-74.08	-16.67	-64.87	-22.50	-24.79
XBADJ	EMGEN4	-228.73	-229.48	-26.99	-26.09	-24.39	-21.95
XBADJ	EMGEN4	-19.49	-21.01	-21.89	31.75	35.04	37.26
XBADJ	EMGEN4	38.35	38.28	-13.68	16.99	-9.46	-7.28
XBADJ	EMGEN4	-4.88	-2.33	0.29	2.90	3.70	2.27
XBADJ	EMGEN4	0.75	-2.23	-5.13	-65.65	-71.08	-74.35
XBADJ	EMGEN5	-50.77	-42.22	-32.39	-27.24	-25.73	-23.43
XBADJ	EMGEN5	-20.42	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	0.84	-2.11	-10.30	-19.84	-28.77	-36.83
XBADJ	EMGEN5	-43.76	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-33.41	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-119.50	-118.29	21.65	29.56	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-121.58	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-124.54	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-116.32	-105.11
XBADJ	EMGEN7	-93.76	-88.23	34.57	32.17	28.79	77.08
XBADJ	EMGEN7	35.45	32.61	7.92	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-121.13	42.93
XBADJ	EMGEN7	32.87	17.57	-122.44	-139.29	-141.45	-118.57
XBADJ	EMGEN8	-76.93	-75.78	-18.46	-66.68	-24.28	-26.49
XBADJ	EMGEN8	-230.29	-230.86	-28.15	-26.99	-25.01	-22.26
XBADJ	EMGEN8	-19.49	-20.69	-21.27	32.66	36.20	38.65
XBADJ	EMGEN8	39.92	39.98	-11.90	18.80	-7.68	-5.58
XBADJ	EMGEN8	-3.31	-0.95	1.45	3.80	4.32	2.58
XBADJ	EMGEN8	0.74	-2.55	-5.76	-66.56	-72.25	-75.74
YBADJ	EMGEN1	-24.42	-28.22	-31.16	-32.37	-33.76	-34.13
YBADJ	EMGEN1	-33.46	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	24.42	28.22	31.16	32.37	33.76	34.13
YBADJ	EMGEN1	33.46	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-47.64	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-26.11	-44.69	-38.34	-42.39	-33.02

YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	20.24	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	18.54	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-13.32	-24.52
YBADJ	EMGEN3	-37.82	-52.19	-15.21	3.94	22.96	-33.00
YBADJ	EMGEN3	11.28	19.65	3.47	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	-21.62	24.52
YBADJ	EMGEN3	37.82	52.19	-22.18	15.59	34.43	33.00
YBADJ	EMGEN4	0.45	-9.15	10.47	-9.60	9.39	8.38
YBADJ	EMGEN4	23.52	-12.78	3.98	2.20	0.36	-1.50
YBADJ	EMGEN4	-4.09	-6.52	-8.76	-28.03	-19.33	-10.04
YBADJ	EMGEN4	-0.45	9.15	-10.47	9.60	-9.39	-8.38
YBADJ	EMGEN4	-7.11	-5.63	-3.97	-2.20	-0.36	1.50
YBADJ	EMGEN4	4.09	6.52	8.76	28.03	19.33	10.04
YBADJ	EMGEN5	-25.88	-29.69	-32.61	-33.74	-35.02	-35.23
YBADJ	EMGEN5	-34.38	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	25.88	29.69	32.61	33.74	35.02	35.23
YBADJ	EMGEN5	34.38	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94
YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-47.54	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-27.82	-46.51	-40.21	-29.26	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	11.17	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	20.26	21.43	0.49	-20.48	34.81
YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-25.64
YBADJ	EMGEN7	-39.09	-53.59	-16.69	2.42	21.45	-34.45
YBADJ	EMGEN7	9.93	18.45	29.51	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	-20.71	25.64
YBADJ	EMGEN7	39.09	53.59	-20.70	17.11	35.94	34.45
YBADJ	EMGEN8	1.35	-8.54	10.78	-9.60	9.07	7.76
YBADJ	EMGEN8	22.61	-13.95	2.59	0.63	-1.35	-3.28
YBADJ	EMGEN8	-5.90	-8.30	-10.46	-29.60	-20.71	-11.21
YBADJ	EMGEN8	-1.35	8.54	-10.78	9.60	-9.07	-7.76
YBADJ	EMGEN8	-6.20	-4.46	-2.58	-0.63	1.35	3.28
YBADJ	EMGEN8	5.90	8.30	10.46	29.60	20.71	11.20
SRCGROUP	EMGEN1	EMGEN1					
SRCGROUP	EMGEN2	EMGEN2					
SRCGROUP	EMGEN3	EMGEN3					
SRCGROUP	EMGEN4	EMGEN4					
SRCGROUP	EMGEN5	EMGEN5					
SRCGROUP	EMGEN6	EMGEN6					
SRCGROUP	EMGEN7	EMGEN7					
SRCGROUP	EMGEN8	EMGEN8					
SRCGROUP	INNEN	L0000001 L0000002 L0000003 L0000004 L0000005 L0000006					
SRCGROUP	INNEN	L0000007 L0000008 L0000009 L0000010 L0000011 L0000012					
SRCGROUP	INNEN	L0000013 L0000014 L0000015 L0000016 L0000017 L0000018					

SRCGROUP	INNEN	L0000019	L0000020	L0000021	L0000022	L0000023	L0000024
SRCGROUP	INNEN	L0000025	L0000026	L0000027	L0000028	L0000029	L0000030
SRCGROUP	INNEN	L0000031	L0000032	L0000033	L0000034	L0000035	L0000036
SRCGROUP	INNEN	L0000037	L0000038	L0000039	L0000040	L0000041	L0000042
SRCGROUP	INNEN	L0000043	L0000044	L0000045	L0000046	L0000047	L0000048
SRCGROUP	INNEN	L0000049	L0000050	L0000051	L0000052	L0000053	L0000054
SRCGROUP	INNEN	L0000055	L0000056	L0000057	L0000058	L0000059	L0000060
SRCGROUP	INNEN	L0000061	L0000062	L0000063	L0000064	L0000065	L0000066
SRCGROUP	INNEN	L0000067	L0000068	L0000069	L0000070	L0000071	L0000072
SRCGROUP	INNEN	L0000073	L0000074				
SRCGROUP	HAWES	L0000688	L0000689	L0000690	L0000691		
SRCGROUP	HUNT	L0000692	L0000693	L0000694	L0000695	L0000696	L0000697
SRCGROUP	HUNT	L0000698	L0000699	L0000700	L0000701	L0000702	L0000703
SRCGROUP	HUNT	L0000704	L0000705	L0000706	L0000707	L0000708	L0000709
SRCGROUP	HUNT	L0000710	L0000711	L0000712	L0000713	L0000714	L0000715
SRCGROUP	HUNT	L0000716	L0000717	L0000718	L0000719	L0000720	L0000721
SRCGROUP	HUNT	L0000722	L0000723				
SRCGROUP	EVANS	L0000724	L0000725	L0000726	L0000727	L0000728	L0000729
SRCGROUP	EVANS	L0000730	L0000731	L0000732	L0000733	L0000734	L0000735
SRCGROUP	EVANS	L0000736	L0000737				
SRCGROUP	JENN	L0000738	L0000739	L0000740	L0000741	L0000742	L0000743
SRCGROUP	JENN	L0000744	L0000745				
SRCGROUP	MIDDLE	L0000746	L0000747	L0000748	L0000749	L0000750	L0000751
SRCGROUP	MIDDLE	L0000752	L0000753	L0000754	L0000755	L0000756	L0000757
SRCGROUP	MIDDLE	L0000758	L0000759	L0000760	L0000761	L0000762	L0000763
SRCGROUP	MIDDLE	L0000764	L0000765	L0000766	L0000767	L0000768	L0000769
SRCGROUP	MIDDLE	L0000770	L0000771	L0000772	L0000773	L0000774	
SRCGROUP	GRIFF	L0000775	L0000776	L0000777			
SRCGROUP	NHUD	L0000778	L0000779	L0000780	L0000781	L0000782	L0000783
SRCGROUP	NHUD	L0000784	L0000785	L0000786	L0000787	L0000788	L0000789
SRCGROUP	NHUD	L0000790	L0000791	L0000792	L0000793	L0000794	L0000795
SRCGROUP	NHUD	L0000796	L0000797	L0000798	L0000799	L0000800	L0000801
SRCGROUP	NHUD	L0000802	L0000803	L0000804	L0000805	L0000806	L0000807
SRCGROUP	NHUD	L0000808	L0000809	L0000810	L0000811	L0000812	L0000813
SRCGROUP	NHUD	L0000814	L0000815	L0000816	L0000817	L0000818	L0000819
SRCGROUP	NHUD	L0000820					
SRCGROUP	ARELI	L0000821	L0000822	L0000823	L0000824	L0000825	L0000826
SRCGROUP	EARLN	L0000827	L0000828	L0000829	L0000830	L0000831	L0000832
SRCGROUP	EARLN	L0000833	L0000834	L0000835	L0000836	L0000837	L0000838
SRCGROUP	EARLN	L0000839	L0000840	L0000841	L0000842	L0000843	L0000844
SRCGROUP	EARLN	L0000845	L0000846	L0000847	L0000848	L0000849	L0000850
SRCGROUP	EARLN	L0000851	L0000852	L0000853	L0000854	L0000855	L0000856
SRCGROUP	EARLN	L0000857	L0000858	L0000859	L0000860	L0000861	L0000862
SRCGROUP	EARLN	L0000863	L0000864	L0000865	L0000866		
SRCGROUP	DONS	L0000867	L0000868	L0000869	L0000870	L0000871	L0000872
SRCGROUP	DONS	L0000873	L0000874	L0000875	L0000876	L0000877	L0000878
SRCGROUP	DONS	L0000879	L0000880	L0000881	L0000882	L0000883	L0000884
SRCGROUP	DONS	L0000885	L0000886	L0000887	L0000888	L0000889	L0000890
SRCGROUP	DONS	L0000891	L0000892	L0000893			
SRCGROUP	GALVEZ	L0000894	L0000895	L0000896	L0000897	L0000898	L0000899
SRCGROUP	INNESS	L0000900	L0000901	L0000902	L0000903	L0000904	L0000905
SRCGROUP	INNESS	L0000906	L0000907	L0000908	L0000909	L0000910	L0000911
SRCGROUP	INNESS	L0000912	L0000913				
SRCGROUP	HUDSON	L0000914	L0000915	L0000916	L0000917	L0000918	L0000919
SRCGROUP	HUDSON	L0000920	L0000921	L0000922	L0000923	L0000924	L0000925
SRCGROUP	HUDSON	L0000926	L0000927	L0000928	L0000929	L0000930	
SRCGROUP	KIRKS	L0000931	L0000932	L0000933	L0000934	L0000935	L0000936

SRCGROUP	KIRKS	L0000937	L0000938	L0000939	L0000940	L0000941	L0000942
SRCGROUP	KIRKS	L0000943					
SRCGROUP	FRIED	L0000944	L0000945	L0000946	L0000947	L0000948	L0000949
SRCGROUP	FRIED	L0000950	L0000951	L0000952	L0000953	L0000954	L0000955
SRCGROUP	FRIED	L0000956	L0000957	L0000958	L0000959	L0000960	L0000961
SRCGROUP	FRIED	L0000962	L0000963	L0000964	L0000965	L0000966	L0000967
SRCGROUP	FRIED	L0000968					
SRCGROUP	JERR	L0000969	L0000970	L0000971	L0000972	L0000973	L0000974
SRCGROUP	JERR	L0000975	L0000976	L0000977	L0000978	L0000979	L0000980
SRCGROUP	JERR	L0000981	L0000982	L0000983	L0000984	L0000985	L0000986
SRCGROUP	JERR	L0000987	L0000988	L0000989			
SRCGROUP	NORTH	L0000990	L0000991	L0000992	L0000993	L0000994	L0000995
SRCGROUP	NORTH	L0000996	L0000997	L0000998	L0000999	L0001000	L0001001
SRCGROUP	NORTH	L0001002	L0001003	L0001004	L0001005	L0001006	L0001007
SRCGROUP	NORTH	L0001008	L0001009	L0001010	L0001011	L0001012	L0001013
SRCGROUP	NORTH	L0001014	L0001015	L0001016	L0001017	L0001018	L0001019
SRCGROUP	NORTH	L0001020	L0001021	L0001022	L0001023	L0001024	L0001025
SRCGROUP	NORTH	L0001026	L0001027	L0001028	L0001029	L0001030	L0001031
SRCGROUP	NORTH	L0001032	L0001033	L0001034	L0001035	L0001036	L0001037
SRCGROUP	NORTH	L0001038	L0001039	L0001040	L0001041	L0001042	L0001043
SRCGROUP	NORTH	L0001044	L0001045	L0001046	L0001047	L0001048	L0001049
SRCGROUP	NORTH	L0001050	L0001051	L0001052	L0001053	L0001054	L0001055
SRCGROUP	NORTH	L0001056	L0001057				
SRCGROUP	EARLS	L0001058	L0001059	L0001060	L0001061	L0001062	L0001063
SRCGROUP	EARLS	L0001064	L0001065				
SRCGROUP	KIRKN	L0001066	L0001067	L0001068	L0001069	L0001070	L0001071
SRCGROUP	KIRKN	L0001072	L0001073	L0001074	L0001075	L0001076	L0001077
SRCGROUP	KIRKN	L0001078	L0001079	L0001080	L0001081	L0001082	L0001083
SRCGROUP	KIRKN	L0001084	L0001085	L0001086	L0001087	L0001088	L0001089
SRCGROUP	KIRKN	L0001090	L0001091	L0001092	L0001093	L0001094	L0001095
SRCGROUP	KIRKN	L0001096	L0001097	L0001098	L0001099	L0001100	L0001101
SRCGROUP	KIRKN	L0001102	L0001103	L0001104	L0001105	L0001106	L0001107
SRCGROUP	KIRKN	L0001108	L0001109	L0001110	L0001111	L0001112	L0001113
SRCGROUP	KIRKN	L0001114	L0001115	L0001116	L0001117	L0001118	L0001119
SRCGROUP	KIRKN	L0001120	L0001121	L0001122	L0001123	L0001124	L0001125
SRCGROUP	KIRKN	L0001126	L0001127	L0001128	L0001129	L0001130	L0001131
SRCGROUP	KIRKN	L0001132					
SRCGROUP	INGALLS	L0001133	L0001134	L0001135	L0001136	L0001137	L0001138
SRCGROUP	INGALLS	L0001139	L0001140	L0001141	L0001142	L0001143	L0001144
SRCGROUP	INGALLS	L0001145	L0001146	L0001147	L0001148	L0001149	L0001150
SRCGROUP	INGALLS	L0001151	L0001152	L0001153	L0001154	L0001155	L0001156
SRCGROUP	INGALLS	L0001157	L0001158	L0001159	L0001160	L0001161	L0001162
SRCGROUP	INGALLS	L0001163	L0001164	L0001165			

SO FINISHED

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** AERMOD Receptor Pathway

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RE STARTING

INCLUDED PRECON.ROU

RE FINISHED

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** AERMOD Meteorology Pathway

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ME STARTING

SURFFILE mission_bay_2008.SFC

PROFFILE mission_bay_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

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** AERMOD Output Pathway

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OU STARTING

OU RECTABLE ALLAVE 1

PLOTFILE 1 EMGEN1 1ST Plots\EMGEN1_1hr_OpsEP.PLT

PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2_1hr_OpsEP.PLT

PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3_1hr_OpsEP.PLT

PLOTFILE 1 EMGEN4 1ST Plots\EMGEN4_1hr_OpsEP.PLT

PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5_1hr_OpsEP.PLT

PLOTFILE 1 EMGEN6 1ST Plots\EMGEN6_1hr_OpsEP.PLT

PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7_1hr_OpsEP.PLT

PLOTFILE 1 EMGEN8 1ST Plots\EMGEN8_1hr_OpsEP.PLT

PLOTFILE 1 INNESN 1ST Plots\INNESN_1hr_OpsEP.PLT

PLOTFILE 1 HAWES 1ST Plots\HAWES_1hr_OpsEP.PLT

PLOTFILE 1 HUNT 1ST Plots\HUNT_1hr_OpsEP.PLT

PLOTFILE 1 EVANS 1ST Plots\EVANS_1hr_OpsEP.PLT

PLOTFILE 1 JENN 1ST Plots\JENN_1hr_OpsEP.PLT

PLOTFILE 1 MIDDLE 1ST Plots\MIDDLE_1hr_OpsEP.PLT

PLOTFILE 1 GRIFF 1ST Plots\GRIFF_1hr_OpsEP.PLT

PLOTFILE 1 NHUD 1ST Plots\NHUD_1hr_OpsEP.PLT

PLOTFILE 1 ARELI 1ST Plots\ARELI_1hr_OpsEP.PLT

PLOTFILE 1 EARLN 1ST Plots\EARLN_1hr_OpsEP.PLT

PLOTFILE 1 DONS 1ST Plots\DONS_1hr_OpsEP.PLT

PLOTFILE 1 GALVEZ 1ST Plots\GALVEZ_1hr_OpsEP.PLT

PLOTFILE 1 INNESS 1ST Plots\INNESS_1hr_OpsEP.PLT

PLOTFILE 1 HUDSON 1ST Plots\HUDSON_1hr_OpsEP.PLT

PLOTFILE 1 KIRKS 1ST Plots\KIRKS_1hr_OpsEP.PLT

PLOTFILE 1 FRIED 1ST Plots\FRIED_1hr_OpsEP.PLT

PLOTFILE 1 JERR 1ST Plots\JERR_1hr_OpsEP.PLT

PLOTFILE 1 NORTH 1ST Plots\NORTH_1hr_OpsEP.PLT

PLOTFILE 1 EARLS 1ST Plots\EARLS_1hr_OpsEP.PLT

PLOTFILE 1 KIRKN 1ST Plots\KIRKN_1hr_OpsEP.PLT

PLOTFILE 1 INGALLS 1ST Plots\INGALLS_1hr_OpsEP.PLT

PLOTFILE PERIOD EMGEN1 Plots\EMGEN1_Ann_OpsEP.PLT

PLOTFILE PERIOD EMGEN2 Plots\EMGEN2_Ann_OpsEP.PLT

PLOTFILE PERIOD EMGEN3 Plots\EMGEN3_Ann_OpsEP.PLT

PLOTFILE PERIOD EMGEN4 Plots\EMGEN4_Ann_OpsEP.PLT

PLOTFILE PERIOD EMGEN5 Plots\EMGEN5_Ann_OpsEP.PLT

PLOTFILE PERIOD EMGEN6 Plots\EMGEN6_Ann_OpsEP.PLT

PLOTFILE PERIOD EMGEN7 Plots\EMGEN7_Ann_OpsEP.PLT

PLOTFILE PERIOD EMGEN8 Plots\EMGEN8_Ann_OpsEP.PLT

PLOTFILE PERIOD INNESN Plots\INNESN_Ann_OpsEP.PLT

PLOTFILE PERIOD HAWES Plots\HAWES_Ann_OpsEP.PLT

PLOTFILE PERIOD HUNT Plots\HUNT_Ann_OpsEP.PLT

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s\436 HRA\AERMOD\Operations_ExistRec\Residential\OperationsEP.INP 1/9/2017, 6:0

PLOTFILE PERIOD EVANS Plots\EVANS_Ann_OpsEP.PLT
PLOTFILE PERIOD JENN Plots\JENN_Ann_OpsEP.PLT
PLOTFILE PERIOD MIDDLE Plots\MIDDLE_Ann_OpsEP.PLT
PLOTFILE PERIOD GRIFF Plots\GRIFF_Ann_OpsEP.PLT
PLOTFILE PERIOD NHUD Plots\NHUD_Ann_OpsEP.PLT
PLOTFILE PERIOD ARELI Plots\ARELI_Ann_OpsEP.PLT
PLOTFILE PERIOD EARLN Plots\EARLN_Ann_OpsEP.PLT
PLOTFILE PERIOD DONS Plots\DONS_Ann_OpsEP.PLT
PLOTFILE PERIOD GALVEZ Plots\GALVEZ_Ann_OpsEP.PLT
PLOTFILE PERIOD INNESS Plots\INNESS_Ann_OpsEP.PLT
PLOTFILE PERIOD HUDSON Plots\HUDSON_Ann_OpsEP.PLT
PLOTFILE PERIOD KIRKS Plots\KIRKS_Ann_OpsEP.PLT
PLOTFILE PERIOD FRIED Plots\FRIED_Ann_OpsEP.PLT
PLOTFILE PERIOD JERR Plots\JERR_Ann_OpsEP.PLT
PLOTFILE PERIOD NORTH Plots\NORTH_Ann_OpsEP.PLT
PLOTFILE PERIOD EARLS Plots\EARLS_Ann_OpsEP.PLT
PLOTFILE PERIOD KIRKN Plots\KIRKN_Ann_OpsEP.PLT
PLOTFILE PERIOD INGALLS Plots\INGALLS_Ann_OpsEP.PLT

OU FINISHED

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** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 10
** ZONEINX 0
**

4056	hrs/yr

AERMOD HARP

Speciate

AERMOD HARP

Speciate

2020 Variant

												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6612.0	0.00E+00	2.05E-03	2.05E-03	0.00E+00	1.01E-03	1.01E-03	0.00E+00	1.92E-08	1.92E-08	4.0908
Building Construction	Phase1C2	-	1468.6	0.00E+00	4.54E-04	4.54E-04	0.00E+00	2.24E-04	2.24E-04	0.00E+00	1.92E-08	1.92E-08	0.9086
Building Construction	Phase1C3	-	514.0	0.00E+00	1.59E-04	1.59E-04	0.00E+00	7.84E-05	7.84E-05	0.00E+00	1.92E-08	1.92E-08	0.3180
Building Construction	Phase1C4	-	4507.7	0.00E+00	1.39E-03	1.39E-03	0.00E+00	6.88E-04	6.88E-04	0.00E+00	1.92E-08	1.92E-08	2.7889
Building Construction	Phase1C5	-	5671.8	0.00E+00	1.75E-03	1.75E-03	0.00E+00	8.65E-04	8.65E-04	0.00E+00	1.92E-08	1.92E-08	3.5091
Building Construction	Phase1C6	-	766.3	0.00E+00	2.37E-04	2.37E-04	0.00E+00	1.17E-04	1.17E-04	0.00E+00	1.92E-08	1.92E-08	0.4741
Building Construction	Phase1C7	-	734.6	0.00E+00	2.27E-04	2.27E-04	0.00E+00	1.12E-04	1.12E-04	0.00E+00	1.92E-08	1.92E-08	0.4545
Building Construction	Phase1C8	-	575.2	0.00E+00	1.78E-04	1.78E-04	0.00E+00	8.77E-05	8.77E-05	0.00E+00	1.92E-08	1.92E-08	0.3559
Big Green	BIGGRN	-	23683.5	5.32E-03	3.25E-03	8.57E-03	2.62E-03	1.60E-03	4.23E-03	1.40E-08	8.53E-09	2.25E-08	6.5000
Shoreline Wetlands/IBOS	SHORE	-	21869.2	1.66E-02	1.73E-03	1.84E-02	8.20E-03	8.51E-04	9.07E-03	4.73E-08	4.90E-09	5.22E-08	3.4517
Shoreline Park	RPD2	-	29685.8	2.04E-02	6.96E-03	2.73E-02	1.01E-02	3.43E-03	1.35E-02	4.27E-08	1.46E-08	5.73E-08	13.9200
Shoreline Park Offshore	PILE	-	31729	0.00E+00	1.27E-03	1.27E-03	0.00E+00	6.26E-04	6.26E-04	0.00E+00	2.48E-09	2.48E-09	2.5374
Building Construction	Phase2C1	-	1298.9	3.72E-03	1.73E-04	3.89E-03	1.83E-03	8.51E-05	1.92E-03	1.78E-07	8.26E-09	1.86E-07	0.3453
Building Construction	Phase2C2	-	828.5	2.37E-03	1.10E-04	2.48E-03	1.17E-03	5.43E-05	1.22E-03	1.78E-07	8.26E-09	1.86E-07	0.2202
Building Construction	Phase2C3	-	3116.8	8.92E-03	4.14E-04	9.33E-03	4.40E-03	2.04E-04	4.60E-03	1.78E-07	8.26E-09	1.86E-07	0.8285
Building Construction	Phase2C4	-	1038.9	2.97E-03	1.38E-04	3.11E-03	1.47E-03	6.81E-05	1.53E-03	1.78E-07	8.26E-09	1.86E-07	0.2761
Building Construction	Phase2C5	-	1217.5	3.49E-03	1.62E-04	3.64E-03	1.72E-03	7.98E-05	1.80E-03	1.78E-07	8.26E-09	1.86E-07	0.3236
Building Construction	Phase2C6	-	1086.4	3.11E-03	1.44E-04	3.25E-03	1.53E-03	7.12E-05	1.60E-03	1.78E-07	8.26E-09	1.86E-07	0.2888
Building Construction	Phase2C7	-	2172.6	6.22E-03	2.89E-04	6.50E-03	3.07E-03	1.42E-04	3.21E-03	1.78E-07	8.26E-09	1.86E-07	0.5775
Road	Trucks	88	-	6.97E-02	2.20E-02	9.18E-02	3.44E-02	1.09E-02	4.52E-02	4.92E-05	1.55E-05	6.47E-05	44.0400
Road	Worker Vehicles	88	-	1.80E-01	5.98E-03	1.86E-01	8.86E-02	2.95E-03	9.15E-02	1.27E-04	4.22E-06	1.31E-04	648.52
Road	SUM											1.96E-04	

Speciate

2021 Variant

												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6612.0	0.00E+00	1.59E-05	1.59E-05	0.00E+00	7.82E-06	7.82E-06	0.00E+00	1.49E-10	1.49E-10	0.0317
Building Construction	Phase1C2	-	1468.6	0.00E+00	3.52E-06	3.52E-06	0.00E+00	1.74E-06	1.74E-06	0.00E+00	1.49E-10	1.49E-10	0.0070
Building Construction	Phase1C3	-	514.0	0.00E+00	1.23E-06	1.23E-06	0.00E+00	6.08E-07	6.08E-07	0.00E+00	1.49E-10	1.49E-10	0.0025
Building Construction	Phase1C4	-	4507.7	0.00E+00	1.08E-05	1.08E-05	0.00E+00	5.33E-06	5.33E-06	0.00E+00	1.49E-10	1.49E-10	0.0216
Building Construction	Phase1C5	-	5671.8	0.00E+00	1.36E-05	1.36E-05	0.00E+00	6.71E-06	6.71E-06	0.00E+00	1.49E-10	1.49E-10	0.0272
Building Construction	Phase1C6	-	766.3	0.00E+00	1.84E-06	1.84E-06	0.00E+00	9.06E-07	9.06E-07	0.00E+00	1.49E-10	1.49E-10	0.0037
Building Construction	Phase1C7	-	734.6	0.00E+00	1.76E-06	1.76E-06	0.00E+00	8.69E-07	8.69E-07	0.00E+00	1.49E-10	1.49E-10	0.0035
Building Construction	Phase1C8	-	575.2	0.00E+00	1.38E-06	1.38E-06	0.00E+00	6.80E-07	6.80E-07	0.00E+00	1.49E-10	1.49E-10	0.0028
Big Green	BIGGRN	-	23683.5	0.00E+00	1.67E-03	1.67E-03	0.00E+00	8.23E-04	8.23E-04	0.00E+00	4.38E-09	4.38E-09	3.3400
Shoreline Wetlands/IBOS	SHORE	-	21869.2	0.00E+00	4.48E-03	4.48E-03	0.00E+00	2.21E-03	2.21E-03	0.00E+00	1.27E-08	1.27E-08	8.9552
Building Construction	Phase2C1	-	1298.9	3.72E-03	8.49E-04	4.57E-03	1.83E-03	4.18E-04	2.25E-03	1.78E-07	4.06E-08	2.18E-07	1.6973
Building Construction	Phase2C2	-	828.5	2.37E-03	5.41E-04	2.92E-03	1.17E-03	2.67E-04	1.44E-03	1.78E-07	4.06E-08	2.18E-07	1.0826
Building Construction	Phase2C3	-	3116.8	8.92E-03	2.04E-03	1.10E-02	4.40E-03	1.00E-03	5.41E-03	1.78E-07	4.06E-08	2.18E-07	4.0728
Building Construction	Phase2C4	-	1038.9	2.97E-03	6.79E-04	3.66E-03	1.47E-03	3.35E-04	1.80E-03	1.78E-07	4.06E-08	2.18E-07	1.3576
Building Construction	Phase2C5	-	1217.5	3.49E-03	7.95E-04	4.29E-03	1.72E-03	3.92E-04	2.11E-03	1.78E-07	4.06E-08	2.18E-07	1.5910
Building Construction	Phase2C6	-	1086.4	3.11E-03	7.10E-04	3.82E-03	1.53E-03	3.50E-04	1.89E-03	1.78E-07	4.06E-08	2.18E-07	1.4196
Building Construction	Phase2C7	-	2172.6	6.22E-03	1.42E-03	7.65E-03	3.07E-03	7.00E-04	3.77E-03	1.78E-07	4.06E-08	2.18E-07	2.8390
Beach Pier	BEACH	-	5190.4	1.72E-02	9.20E-04	1.81E-02	8.48E-03	4.54E-04	8.94E-03	2.06E-07	1.10E-08	2.17E-07	1.8400
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.72E-02	2.64E-03	1.99E-02	8.48E-03	1.30E-03	9.81E-03	1.21E-05	1.86E-06	1.40E-05	5.2800
Road	Worker Vehicles	88	-	1.21E-01	3.96E-03	1.25E-01	5.98E-02	1.95E-03	6.18E-02	8.56E-05	2.80E-06	8.84E-05	419.14
Road	SUM											1.02E-04	

Speciate

2022 Variant

												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr
Building Construction	Phase2C1	-	1298.9	0.00E+00	5.92E-04	5.92E-04	0.00E+00	2.92E-04	2.92E-04	0.00E+00	2.83E-08	2.83E-08	1.1831
Building Construction	Phase2C2	-	828.5	0.00E+00	3.77E-04	3.77E-04	0.00E+00	1.86E-04	1.86E-04	0.00E+00	2.83E-08	2.83E-08	0.7546
Building Construction	Phase2C3	-	3116.8	0.00E+00	1.42E-03	1.42E-03	0.00E+00	7.00E-04	7.00E-04	0.00E+00	2.83E-08	2.83E-08	2.8388
Building Construction	Phase2C4	-	1038.9	0.00E+00	4.73E-04	4.73E-04	0.00E+00	2.33E-04	2.33E-04	0.00E+00	2.83E-08	2.83E-08	0.9462
Building Construction	Phase2C5	-	1217.5	0.00E+00	5.54E-04	5.54E-04	0.00E+00	2.73E-04	2.73E-04	0.00E+00	2.83E-08	2.83E-08	1.1089
Building Construction	Phase2C6	-	1086.4	0.00E+00	4.95E-04	4.95E-04	0.00E+00	2.44E-04	2.44E-04	0.00E+00	2.83E-08	2.83E-08	0.9895
Building Construction	Phase2C7	-	2172.6	0.00E+00	9.89E-04	9.89E-04	0.00E+00	4.88E-04	4.88E-04	0.00E+00	2.83E-08	2.83E-08	1.9788
Beach Pier	BEACH	-	5190.4	0.00E+00	4.34E-03	4.34E-03	0.00E+00	2.14E-03	2.14E-03	0.00E+00	5.19E-08	5.19E-08	8.6800
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.02E-02	1.39E-03	1.16E-02	5.03E-03	6.85E-04	5.72E-03	7.20E-06	9.81E-07	8.18E-06	2.7800
Road	Worker Vehicles	88	-	7.81E-02	2.52E-03	8.06E-02	3.85E-02	1.24E-03	3.98E-02	5.51E-05	1.78E-06	5.69E-05	248.94
Road	SUM											6.51E-05	

Speciate

Operations - Variant												AERMOD	HARP	
Sources	IDs	# of Volumes	Area (m²)	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m²)	PM25 Exhaust (g/s/vol or m²)	Total PM25 (g/s/vol or m²)	PM2.5 or TOG lb/yr	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
300 hp Emergency Engine at Flats & Earl	EMGEN4	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
300 hp Emergency Engine at Flats & Earl	EMGEN8	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
Innes Avenue (North of Donahue Street)	INNESN	74	Cars	1.28E-01	7.82E-03	1.36E-01	2.92E-02	1.79E-03	3.10E-02	4.97E-05	3.04E-06	5.27E-05	565.06	Speciate
Hunter's Point Boulevard	HUNT	32	Cars	7.52E-02	4.60E-03	7.98E-02	1.72E-02	1.05E-03	1.82E-02	6.76E-05	4.14E-06	7.18E-05	332.46	Speciate
Evans Avenue	EVANS	14	Cars	3.29E-02	2.01E-03	3.49E-02	7.51E-03	4.60E-04	7.97E-03	6.76E-05	4.14E-06	7.18E-05	145.45	Speciate
New Griffith Street	GRIFF	3	Cars	2.56E-02	1.57E-03	2.71E-02	5.84E-03	3.57E-04	6.20E-03	2.45E-04	1.50E-05	2.60E-04	113.06	Speciate
New Hudson Street (Avenue?)	NHUD	43	Cars	4.86E-02	2.97E-03	5.15E-02	1.11E-02	6.79E-04	1.18E-02	3.25E-05	1.99E-06	3.45E-05	214.69	Speciate
Arelious Walker Drive	ARELI	6	Cars	5.54E-02	3.39E-03	5.87E-02	1.26E-02	7.73E-04	1.34E-02	2.65E-04	1.62E-05	2.82E-04	244.67	Speciate
Earl Street (North of Innes Avenue)	EARLN	39	Cars	4.86E-02	2.97E-03	5.15E-02	1.11E-02	6.79E-04	1.18E-02	3.58E-05	2.19E-06	3.80E-05	214.69	Speciate
Donahue Street (South of Galvez Avenue)	DONS	27	Cars	1.31E-03	8.04E-05	1.40E-03	3.00E-04	1.84E-05	3.19E-04	1.40E-06	8.57E-08	1.49E-06	5.81	Speciate
Galvez Avenue	GALVEZ	6	Cars	2.92E-04	1.79E-05	3.10E-04	6.67E-05	4.08E-06	7.08E-05	1.40E-06	8.57E-08	1.49E-06	1.29	Speciate
Innes Avenue (South of Donahue Street)	INNESS	14	Cars	6.82E-04	4.17E-05	7.23E-04	1.56E-04	9.52E-06	1.65E-04	1.40E-06	8.57E-08	1.49E-06	3.01	Speciate
Hudson Avenue	HUDSON	17	Cars	8.28E-04	5.06E-05	8.78E-04	1.89E-04	1.16E-05	2.01E-04	1.40E-06	8.57E-08	1.49E-06	3.66	Speciate
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Cars	6.33E-04	3.87E-05	6.72E-04	1.45E-04	8.84E-06	1.53E-04	1.40E-06	8.57E-08	1.49E-06	2.80	Speciate
Friedell Street	FRIED	25	Cars	1.22E-03	7.45E-05	1.29E-03	2.78E-04	1.70E-05	2.95E-04	1.40E-06	8.57E-08	1.49E-06	5.38	Speciate
Jerrold Avenue	JERR	20	Cars	9.74E-04	5.96E-05	1.03E-03	2.22E-04	1.36E-05	2.36E-04	1.40E-06	8.57E-08	1.49E-06	4.30	Speciate

Northridge Road	NORTH	68	Cars	3.31E-03	2.03E-04	3.51E-03	7.56E-04	4.63E-05	8.02E-04	1.40E-06	8.57E-08	1.49E-06	14.64	Speciate
Earl Street (South of Innes Avenue)	EARLS	8	Cars	3.90E-04	2.38E-05	4.13E-04	8.89E-05	5.44E-06	9.44E-05	1.40E-06	8.57E-08	1.49E-06	1.72	Speciate
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Cars	3.26E-03	2.00E-04	3.46E-03	7.45E-04	4.56E-05	7.90E-04	1.40E-06	8.57E-08	1.49E-06	14.42	Speciate
Ingalls Street	INGALLS	33	Cars	1.61E-03	9.83E-05	1.71E-03	3.67E-04	2.24E-05	3.89E-04	1.40E-06	8.57E-08	1.49E-06	7.10	Speciate
Jennings Street	JENN	8	Cars	2.18E-03	1.34E-04	2.32E-03	4.99E-04	3.05E-05	5.29E-04	7.85E-06	4.81E-07	8.34E-06	9.65	Speciate
Middle Point Road	MIDDLE	29	Cars	1.41E-03	8.64E-05	1.50E-03	3.22E-04	1.97E-05	3.42E-04	1.40E-06	8.57E-08	1.49E-06	6.24	Speciate
Hawes Street	HAWES	4	Cars	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	Speciate
Innes Avenue (North of Donahue Street)	INNEN	74	Trucks	9.03E-03	5.52E-04	9.58E-03	-	1.26E-04	1.26E-04	-	2.15E-07	2.15E-07	1.1047	
Hunter's Point Boulevard	HUNT	32	Trucks	5.31E-03	3.25E-04	5.64E-03	-	7.42E-05	7.42E-05	-	2.92E-07	2.92E-07	0.6499	
Evans Avenue	EVANS	14	Trucks	2.32E-03	1.42E-04	2.47E-03	-	3.25E-05	3.25E-05	-	2.92E-07	2.92E-07	0.0051	
New Griffith Street	GRIFF	3	Trucks	1.81E-03	1.11E-04	1.92E-03	-	2.52E-05	2.52E-05	-	1.06E-06	1.06E-06	0.0040	
New Hudson Street (Avenue?)	NHUD	43	Trucks	3.43E-03	2.10E-04	3.64E-03	-	4.79E-05	4.79E-05	-	1.40E-07	1.40E-07	0.4197	
Arelious Walker Drive	ARELI	6	Trucks	3.91E-03	2.39E-04	4.15E-03	-	5.46E-05	5.46E-05	-	1.15E-06	1.15E-06	0.4783	
Earl Street (North of Innes Avenue)	EARLN	39	Trucks	3.43E-03	2.10E-04	3.64E-03	-	4.79E-05	4.79E-05	-	1.55E-07	1.55E-07	0.4197	
Donahue Street (South of Galvez Avenue)	DONS	27	Trucks	9.28E-05	5.68E-06	9.85E-05	-	1.30E-06	1.30E-06	-	6.05E-09	6.05E-09	0.0114	
Galvez Avenue	GALVEZ	6	Trucks	2.06E-05	1.26E-06	2.19E-05	-	2.88E-07	2.88E-07	-	6.05E-09	6.05E-09	0.0025	
Innes Avenue (South of Donahue Street)	INNESS	14	Trucks	4.81E-05	2.95E-06	5.11E-05	-	6.72E-07	6.72E-07	-	6.05E-09	6.05E-09	0.0059	
Hudson Avenue	HUDSON	17	Trucks	5.85E-05	3.58E-06	6.20E-05	-	8.17E-07	8.17E-07	-	6.05E-09	6.05E-09	0.0072	
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Trucks	4.47E-05	2.73E-06	4.74E-05	-	6.24E-07	6.24E-07	-	6.05E-09	6.05E-09	0.0055	
Friedell Street	FRIED	25	Trucks	8.60E-05	5.26E-06	9.12E-05	-	1.20E-06	1.20E-06	-	6.05E-09	6.05E-09	0.0105	
Jerrold Avenue	JERR	20	Trucks	6.88E-05	4.21E-06	7.30E-05	-	9.61E-07	9.61E-07	-	6.05E-09	6.05E-09	0.0084	
Northridge Road	NORTH	68	Trucks	2.34E-04	1.43E-05	2.48E-04	-	3.27E-06	3.27E-06	-	6.05E-09	6.05E-09	0.0286	
Earl Street (South of Innes Avenue)	EARLS	8	Trucks	2.75E-05	1.68E-06	2.92E-05	-	3.84E-07	3.84E-07	-	6.05E-09	6.05E-09	0.0034	
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Trucks	2.30E-04	1.41E-05	2.44E-04	-	3.22E-06	3.22E-06	-	6.05E-09	6.05E-09	0.0282	
Ingalls Street	INGALLS	33	Trucks	1.13E-04	6.94E-06	1.20E-04	-	1.59E-06	1.59E-06	-	6.05E-09	6.05E-09	0.0139	
Jennings Street	JENN	8	Trucks	1.54E-04	9.44E-06	1.64E-04	-	2.15E-06	2.15E-06	-	3.39E-08	3.39E-08	0.0189	
Middle Point Road	MIDDLE	29	Trucks	9.97E-05	6.10E-06	1.06E-04	-	1.39E-06	1.39E-06	-	6.05E-09	6.05E-09	0.0122	
Hawes Street	HAWES	4	Trucks	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.0000	

Innes Avenue (North of Donahue Street)	INNESN	74	Total			1.45E-01			3.11E-02			5.30E-05	N/A
Hunter's Point Boulevard	HUNT	32	Total			8.55E-02			1.83E-02			7.20E-05	N/A
Evans Avenue	EVANS	14	Total			3.74E-02			8.01E-03			7.20E-05	N/A
New Griffith Street	GRIFF	3	Total			2.91E-02			6.22E-03			2.61E-04	N/A
New Hudson Street (Avenue?)	NHUD	43	Total			5.52E-02			1.18E-02			3.46E-05	N/A
Arelious Walker Drive	ARELI	6	Total			6.29E-02			1.35E-02			2.83E-04	N/A
Earl Street (North of Innes Avenue)	EARLN	39	Total			5.52E-02			1.18E-02			3.82E-05	N/A
Donahue Street (South of Galvez Avenue)	DONS	27	Total			1.49E-03			3.20E-04			1.49E-06	N/A
Galvez Avenue	GALVEZ	6	Total			3.32E-04			7.11E-05			1.49E-06	N/A
Innes Avenue (South of Donahue Street)	INNESS	14	Total			7.75E-04			1.66E-04			1.49E-06	N/A
Hudson Avenue	HUDSON	17	Total			9.40E-04			2.01E-04			1.49E-06	N/A
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Total			7.19E-04			1.54E-04			1.49E-06	N/A
Friedell Street	FRIED	25	Total			1.38E-03			2.96E-04			1.49E-06	N/A
Jerrold Avenue	JERR	20	Total			1.11E-03			2.37E-04			1.49E-06	N/A
Northridge Road	NORTH	68	Total			3.76E-03			8.05E-04			1.49E-06	N/A
Earl Street (South of Innes Avenue)	EARLS	8	Total			4.43E-04			9.48E-05			1.49E-06	N/A
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Total			3.71E-03			7.94E-04			1.49E-06	N/A
Ingalls Street	INGALLS	33	Total			1.83E-03			3.91E-04			1.49E-06	N/A
Jennings Street	JENN	8	Total			2.48E-03			5.31E-04			8.37E-06	N/A
Middle Point Road	MIDDLE	29	Total			1.60E-03			3.44E-04			1.49E-06	N/A
Hawes Street	HAWES	4	Total			0.00E+00			0.00E+00			0.00E+00	N/A

0.463 0.028 0.491


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*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE 2018-2020 Existing Receptors - Maximum Commerical Variant Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION GRADE AREAPOLY 555042.085 4176328.678 6.096
LOCATION PHASE1C1 AREAPOLY 555026.479 4176281.861 6.096
LOCATION PHASE1C2 AREAPOLY 555222.916 4176198.157 7.620
LOCATION PHASE1C3 AREAPOLY 555289.282 4176118.664 12.192
LOCATION PHASE1C4 AREAPOLY 555229.049 4176203.404 5.182
LOCATION PHASE1C5 AREAPOLY 555319.797 4176185.976 6.096
LOCATION PHASE1C6 AREAPOLY 555172.354 4176309.620 4.572
LOCATION PHASE1C7 AREAPOLY 555097.859 4176300.036 4.572
LOCATION PHASE1C8 AREAPOLY 555465.541 4176252.551 4.572
LOCATION BIGGRN AREAPOLY 555029.810 4176309.841 4.572
LOCATION SHORE AREAPOLY 555121.109 4176331.718 4.572
LOCATION RPD1 AREAPOLY 554905.075 4176422.558 12.380
LOCATION RPD2 AREAPOLY 554918.029 4176546.199 15.180
LOCATION PILE AREAPOLY 555036.003 4176394.153 0.000
LOCATION PHASE2C1 AREAPOLY 555388.531 4176143.749 5.791
LOCATION PHASE2C2 AREAPOLY 555433.844 4176203.876 5.182
LOCATION PHASE2C3 AREAPOLY 555354.546 4176254.417 5.182
LOCATION PHASE2C4 AREAPOLY 555316.578 4176272.940 5.182
LOCATION PHASE2C5 AREAPOLY 555322.465 4176279.362 4.572
LOCATION PHASE2C6 AREAPOLY 555398.992 4176311.471 4.572
LOCATION PHASE2C7 AREAPOLY 555359.658 4176270.532 5.182
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 8
** 555339.829, 4176031.731, 18.90, 2.00, 6.24
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** 554903.494, 4176341.253, 12.12, 2.00, 6.24
** 554890.980, 4176370.453, 12.52, 2.00, 6.24
** 554890.980, 4176412.167, 12.52, 2.00, 6.24
** 554897.654, 4176446.373, 12.75, 2.00, 6.24
** 554913.506, 4176649.941, 14.38, 2.00, 6.24
** 554849.265, 4176789.267, 10.80, 2.00, 6.24
** 554702.430, 4176896.057, 9.06, 2.00, 6.24
**

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LOCATION	L0001430	VOLUME	555334.360	4176035.610	18.82
LOCATION	L0001431	VOLUME	555323.423	4176043.369	18.65
LOCATION	L0001432	VOLUME	555312.485	4176051.128	18.48
LOCATION	L0001433	VOLUME	555301.548	4176058.887	18.31
LOCATION	L0001434	VOLUME	555290.610	4176066.645	18.14
LOCATION	L0001435	VOLUME	555279.672	4176074.404	17.97
LOCATION	L0001436	VOLUME	555268.735	4176082.163	17.80
LOCATION	L0001437	VOLUME	555257.797	4176089.922	17.63
LOCATION	L0001438	VOLUME	555246.860	4176097.680	17.46
LOCATION	L0001439	VOLUME	555235.922	4176105.439	17.29
LOCATION	L0001440	VOLUME	555224.985	4176113.198	17.12
LOCATION	L0001441	VOLUME	555214.047	4176120.957	16.95
LOCATION	L0001442	VOLUME	555203.110	4176128.715	16.78
LOCATION	L0001443	VOLUME	555192.172	4176136.474	16.61
LOCATION	L0001444	VOLUME	555181.235	4176144.233	16.44
LOCATION	L0001445	VOLUME	555170.297	4176151.992	16.27
LOCATION	L0001446	VOLUME	555159.359	4176159.750	16.10
LOCATION	L0001447	VOLUME	555148.422	4176167.509	15.93
LOCATION	L0001448	VOLUME	555137.484	4176175.268	15.76
LOCATION	L0001449	VOLUME	555126.547	4176183.027	15.59
LOCATION	L0001450	VOLUME	555115.609	4176190.785	15.42
LOCATION	L0001451	VOLUME	555104.672	4176198.544	15.25
LOCATION	L0001452	VOLUME	555093.734	4176206.303	15.08
LOCATION	L0001453	VOLUME	555082.797	4176214.062	14.91
LOCATION	L0001454	VOLUME	555071.859	4176221.820	14.74
LOCATION	L0001455	VOLUME	555060.922	4176229.579	14.57
LOCATION	L0001456	VOLUME	555049.984	4176237.338	14.40
LOCATION	L0001457	VOLUME	555039.046	4176245.096	14.23
LOCATION	L0001458	VOLUME	555028.109	4176252.855	14.06
LOCATION	L0001459	VOLUME	555017.171	4176260.614	13.89
LOCATION	L0001460	VOLUME	555006.234	4176268.373	13.72
LOCATION	L0001461	VOLUME	554995.296	4176276.131	13.55
LOCATION	L0001462	VOLUME	554984.359	4176283.890	13.38
LOCATION	L0001463	VOLUME	554973.421	4176291.649	13.21
LOCATION	L0001464	VOLUME	554962.484	4176299.408	13.04
LOCATION	L0001465	VOLUME	554951.546	4176307.166	12.87
LOCATION	L0001466	VOLUME	554940.608	4176314.925	12.70
LOCATION	L0001467	VOLUME	554929.671	4176322.684	12.53
LOCATION	L0001468	VOLUME	554918.733	4176330.443	12.36
LOCATION	L0001469	VOLUME	554907.796	4176338.201	12.19
LOCATION	L0001470	VOLUME	554900.289	4176348.731	12.22
LOCATION	L0001471	VOLUME	554895.007	4176361.057	12.39
LOCATION	L0001472	VOLUME	554890.980	4176373.640	12.52
LOCATION	L0001473	VOLUME	554890.980	4176387.050	12.52
LOCATION	L0001474	VOLUME	554890.980	4176400.460	12.52
LOCATION	L0001475	VOLUME	554891.306	4176413.839	12.53
LOCATION	L0001476	VOLUME	554893.874	4176427.000	12.62
LOCATION	L0001477	VOLUME	554896.442	4176440.162	12.71
LOCATION	L0001478	VOLUME	554898.204	4176453.434	12.81

LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

** End of LINE VOLUME Source ID = CONST

** Source Parameters **

SRCPARAM	GRADE	8.43E-06	2.000	61	1.400
AREAVERT	GRADE	555042.085	4176328.678	555007.327	4176277.605
AREAVERT	GRADE	555037.829	4176257.034	555055.563	4176281.861
AREAVERT	GRADE	555074.006	4176269.093	555054.144	4176242.846
AREAVERT	GRADE	555092.449	4176216.600	555110.893	4176242.846
AREAVERT	GRADE	555130.045	4176229.369	555112.311	4176203.832
AREAVERT	GRADE	555138.557	4176185.389	555154.163	4176212.344
AREAVERT	GRADE	555185.375	4176190.354	555168.350	4176166.946
AREAVERT	GRADE	555259.147	4176102.394	555276.172	4176129.350
AREAVERT	GRADE	555288.940	4176120.128	555272.625	4176092.464
AREAVERT	GRADE	555285.394	4176084.661	555302.418	4176110.197
AREAVERT	GRADE	555352.073	4176074.020	555335.048	4176049.193
AREAVERT	GRADE	555351.363	4176039.262	555547.145	4176317.329
AREAVERT	GRADE	555526.574	4176332.934	555515.224	4176332.934
AREAVERT	GRADE	555506.712	4176342.156	555490.397	4176357.052

AREAVERT	GRADE	555481.884	4176360.599	555469.116	4176370.530
AREAVERT	GRADE	555456.348	4176386.136	555452.092	4176390.392
AREAVERT	GRADE	555440.033	4176392.520	555403.856	4176428.697
AREAVERT	GRADE	555396.053	4176437.209	555387.540	4176441.466
AREAVERT	GRADE	555364.132	4176479.771	555349.945	4176491.830
AREAVERT	GRADE	555337.176	4176506.726	555318.024	4176514.529
AREAVERT	GRADE	555296.743	4176506.726	555271.916	4176484.027
AREAVERT	GRADE	555264.822	4176473.386	555261.985	4176464.874
AREAVERT	GRADE	555249.216	4176442.175	555226.517	4176423.732
AREAVERT	GRADE	555208.783	4176400.323	555191.049	4176374.786
AREAVERT	GRADE	555181.828	4176367.693	555168.350	4176354.924
AREAVERT	GRADE	555158.419	4176347.121	555144.941	4176340.737
AREAVERT	GRADE	555127.917	4176337.191	555120.114	4176329.388
AREAVERT	GRADE	555114.439	4176329.388	555098.834	4176337.191
AREAVERT	GRADE	555086.065	4176328.678	555078.262	4176335.062
AREAVERT	GRADE	555081.100	4176342.865	555074.006	4176347.831
AREAVERT	GRADE	555052.726	4176320.166		
SRCPARAM	PHASE1C1	0.00015124	2.000	30	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555113.811	4176250.493
AREAVERT	PHASE1C1	555133.896	4176235.916	555130.435	4176228.348
AREAVERT	PHASE1C1	555141.081	4176222.616	555123.661	4176198.157
AREAVERT	PHASE1C1	555135.011	4176189.645	555152.744	4176214.472
AREAVERT	PHASE1C1	555186.084	4176189.645	555198.852	4176208.798
AREAVERT	PHASE1C1	555180.409	4176228.659	555186.111	4176237.453
AREAVERT	PHASE1C1	555180.127	4176244.292	555184.893	4176249.767
AREAVERT	PHASE1C1	555160.948	4176259.925	555152.717	4176248.321
AREAVERT	PHASE1C1	555147.779	4176249.512	555153.454	4176262.708
AREAVERT	PHASE1C1	555133.792	4176267.728	555132.628	4176266.764
AREAVERT	PHASE1C1	555094.523	4176277.886	555094.751	4176280.015
AREAVERT	PHASE1C1	555057.518	4176286.854	555045.150	4176285.034
SRCPARAM	PHASE1C2	0.000680921	2.000	12	1.400
AREAVERT	PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT	PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT	PHASE1C2	555213.328	4176137.084	555214.394	4176138.342
AREAVERT	PHASE1C2	555224.744	4176130.302	555235.233	4176146.455
AREAVERT	PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT	PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM	PHASE1C3	0.00195	2.000	4	1.400
AREAVERT	PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT	PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM	PHASE1C4	0.0002218	2.000	14	1.400
AREAVERT	PHASE1C4	555229.049	4176203.404	555242.181	4176183.279
AREAVERT	PHASE1C4	555258.307	4176191.930	555264.420	4176186.554
AREAVERT	PHASE1C4	555248.350	4176155.764	555227.822	4176124.973
AREAVERT	PHASE1C4	555251.818	4176109.148	555276.297	4176145.271
AREAVERT	PHASE1C4	555304.973	4176200.835	555290.762	4176215.243
AREAVERT	PHASE1C4	555288.478	4176213.351	555282.378	4176220.851
AREAVERT	PHASE1C4	555284.655	4176222.085	555273.784	4176232.333
SRCPARAM	PHASE1C5	0.0001763	2.000	12	1.400
AREAVERT	PHASE1C5	555319.797	4176185.976	555279.074	4176130.166
AREAVERT	PHASE1C5	555304.914	4176111.573	555305.843	4176113.179
AREAVERT	PHASE1C5	555326.772	4176099.287	555326.578	4176095.427
AREAVERT	PHASE1C5	555354.402	4176076.939	555389.225	4176116.433
AREAVERT	PHASE1C5	555368.205	4176137.487	555365.016	4176137.225

AREAVERT	PHASE1C5	555339.890	4176164.514	555339.228	4176166.513
SRCPARAM	PHASE1C6	0.00130497	2.000	4	1.400
AREAVERT	PHASE1C6	555172.354	4176309.620	555171.918	4176276.511
AREAVERT	PHASE1C6	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM	PHASE1C7	0.00136	2.000	3	1.400
AREAVERT	PHASE1C7	555097.859	4176300.036	555158.413	4176281.303
AREAVERT	PHASE1C7	555157.978	4176305.699		
SRCPARAM	PHASE1C8	0.00174	2.000	4	1.400
AREAVERT	PHASE1C8	555465.541	4176252.551	555485.145	4176238.610
AREAVERT	PHASE1C8	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM	BIGGRN	0.00004222	2.000	37	1.400
AREAVERT	BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT	BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT	BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT	BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT	BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT	BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT	BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT	BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT	BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT	BIGGRN	555310.070	4176426.231	555283.832	4176397.478
AREAVERT	BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT	BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT	BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT	BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT	BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT	BIGGRN	555118.162	4176329.858	555096.816	4176337.700
AREAVERT	BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT	BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT	BIGGRN	555041.488	4176328.551		
SRCPARAM	SHORE	0.00004573	2.000	34	1.400
AREAVERT	SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT	SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT	SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT	SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT	SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT	SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT	SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT	SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT	SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT	SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT	SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT	SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT	SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT	SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT	SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT	SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT	SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM	RPD1	0.0001082	2.000	24	1.400
AREAVERT	RPD1	554905.075	4176422.558	554980.246	4176369.605
AREAVERT	RPD1	554962.471	4176345.536	554982.468	4176331.094
AREAVERT	RPD1	554963.582	4176307.395	555016.535	4176270.365
AREAVERT	RPD1	555052.084	4176320.356	555067.636	4176307.765
AREAVERT	RPD1	555090.965	4176337.389	555081.707	4176343.314
AREAVERT	RPD1	555090.965	4176350.720	555088.373	4176352.942
AREAVERT	RPD1	555091.335	4176355.534	555088.003	4176358.867
AREAVERT	RPD1	555070.599	4176347.387	555049.121	4176367.383

AREAVERT	RPD1	555080.226	4176393.675	555077.264	4176396.637
AREAVERT	RPD1	555027.274	4176351.461	555010.980	4176372.197
AREAVERT	RPD1	555012.462	4176379.603	554994.317	4176375.530
AREAVERT	RPD1	554981.357	4176388.861	554906.927	4176439.221
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		
SRCPARAM	PHASE2C1	0.00076988	2.000	6	1.400
AREAVERT	PHASE2C1	555388.531	4176143.749	555402.038	4176131.985
AREAVERT	PHASE2C1	555419.901	4176159.870	555443.865	4176189.062
AREAVERT	PHASE2C1	555429.051	4176200.826	555407.702	4176174.684
SRCPARAM	PHASE2C2	0.001207	2.000	4	1.400
AREAVERT	PHASE2C2	555433.844	4176203.876	555446.044	4176196.033
AREAVERT	PHASE2C2	555475.672	4176243.525	555462.165	4176250.932
SRCPARAM	PHASE2C3	0.0003208	2.000	15	1.400
AREAVERT	PHASE2C3	555354.546	4176254.417	555332.633	4176202.834
AREAVERT	PHASE2C3	555346.815	4176191.596	555347.885	4176193.737
AREAVERT	PHASE2C3	555368.221	4176180.893	555366.348	4176179.287
AREAVERT	PHASE2C3	555384.008	4176170.190	555420.399	4176215.946
AREAVERT	PHASE2C3	555404.611	4176227.451	555381.065	4176240.295
AREAVERT	PHASE2C3	555373.037	4176223.973	555393.908	4176212.467
AREAVERT	PHASE2C3	555380.529	4176195.610	555354.574	4176209.256
AREAVERT	PHASE2C3	555371.699	4176246.717		
SRCPARAM	PHASE2C4	0.00096256	2.000	6	1.400
AREAVERT	PHASE2C4	555316.578	4176272.940	555289.285	4176245.379
AREAVERT	PHASE2C4	555313.100	4176219.959	555327.816	4176232.000
AREAVERT	PHASE2C4	555314.438	4176245.647	555329.690	4176260.631
SRCPARAM	PHASE2C5	0.0008214	2.000	8	1.400
AREAVERT	PHASE2C5	555322.465	4176279.362	555338.252	4176268.391
AREAVERT	PHASE2C5	555355.377	4176294.881	555361.264	4176298.895

AREAVERT	PHASE2C5	555379.727	4176316.823	555366.883	4176330.737
AREAVERT	PHASE2C5	555348.688	4176312.006	555340.660	4176304.782
SRCPARAM	PHASE2C6	0.00092047	2.000	12	1.400
AREAVERT	PHASE2C6	555398.992	4176311.471	555408.625	4176301.571
AREAVERT	PHASE2C6	555417.188	4176297.022	555437.256	4176286.051
AREAVERT	PHASE2C6	555439.664	4176283.910	555461.873	4176268.123
AREAVERT	PHASE2C6	555469.365	4176280.699	555447.424	4176295.951
AREAVERT	PHASE2C6	555444.213	4176298.627	555423.877	4176309.330
AREAVERT	PHASE2C6	555419.328	4176312.809	555408.893	4176321.907
SRCPARAM	PHASE2C7	0.0004603	2.000	12	1.400
AREAVERT	PHASE2C7	555359.658	4176270.532	555389.092	4176301.035
AREAVERT	PHASE2C7	555401.133	4176288.994	555407.287	4176282.305
AREAVERT	PHASE2C7	555427.356	4176268.658	555444.213	4176261.166
AREAVERT	PHASE2C7	555426.553	4176225.578	555409.963	4176233.873
AREAVERT	PHASE2C7	555419.328	4176252.604	555396.584	4176267.588
AREAVERT	PHASE2C7	555388.557	4176272.940	555373.572	4176256.082
** LINE VOLUME Source ID = CONST					
SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001432	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001444	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001445	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001446	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001447	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001449	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001450	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001451	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001452	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001453	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001454	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001455	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001456	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001457	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001458	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001459	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001460	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001461	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001462	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001463	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001464	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001465	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001466	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001467	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001468	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001469	0.0113636364	2.00	6.24	2.30

SRCPARAM	L0001470	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001471	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001472	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001473	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001474	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001475	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001476	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001477	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001478	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001479	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001480	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001481	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001482	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001483	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001484	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001485	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001486	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001487	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001488	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001489	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001490	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001491	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001492	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001493	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001494	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001495	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001496	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001497	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001498	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001499	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001500	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001501	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001502	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001503	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001504	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001505	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001506	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001507	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001508	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001510	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001511	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001512	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001514	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30

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** Variable Emissions Type: "By Hour / Day (HRDOW)"

** WeekDays:

EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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** WeekDays:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT RPD1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD1          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT RPD1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD1          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT RPD1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT PHASE2C2	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C3	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C3	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C3	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C3	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	

EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]


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SRCGROUP GRADE GRADE
SRCGROUP PHASE1C1 PHASE1C1
SRCGROUP PHASE1C2 PHASE1C2
SRCGROUP PHASE1C3 PHASE1C3
SRCGROUP PHASE1C4 PHASE1C4
SRCGROUP PHASE1C5 PHASE1C5
SRCGROUP PHASE1C6 PHASE1C6
SRCGROUP PHASE1C7 PHASE1C7
SRCGROUP PHASE1C8 PHASE1C8
SRCGROUP BIGGRN BIGGRN
SRCGROUP SHORE SHORE
SRCGROUP RPD1 RPD1
SRCGROUP RPD2 RPD2
SRCGROUP PILE PILE
SRCGROUP PHASE2C1 PHASE2C1
SRCGROUP PHASE2C2 PHASE2C2
SRCGROUP PHASE2C3 PHASE2C3
SRCGROUP PHASE2C4 PHASE2C4
SRCGROUP PHASE2C5 PHASE2C5
SRCGROUP PHASE2C6 PHASE2C6
SRCGROUP PHASE2C7 PHASE2C7
SRCGROUP CONST L0001430 L0001431 L0001432 L0001433 L0001434 L0001435
SRCGROUP CONST L0001436 L0001437 L0001438 L0001439 L0001440 L0001441
SRCGROUP CONST L0001442 L0001443 L0001444 L0001445 L0001446 L0001447
SRCGROUP CONST L0001448 L0001449 L0001450 L0001451 L0001452 L0001453
SRCGROUP CONST L0001454 L0001455 L0001456 L0001457 L0001458 L0001459
SRCGROUP CONST L0001460 L0001461 L0001462 L0001463 L0001464 L0001465
SRCGROUP CONST L0001466 L0001467 L0001468 L0001469 L0001470 L0001471
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SRCGROUP CONST L0001478 L0001479 L0001480 L0001481 L0001482 L0001483
SRCGROUP CONST L0001484 L0001485 L0001486 L0001487 L0001488 L0001489
SRCGROUP CONST L0001490 L0001491 L0001492 L0001493 L0001494 L0001495
SRCGROUP CONST L0001496 L0001497 L0001498 L0001499 L0001500 L0001501
SRCGROUP CONST L0001502 L0001503 L0001504 L0001505 L0001506 L0001507
SRCGROUP CONST L0001508 L0001509 L0001510 L0001511 L0001512 L0001513
SRCGROUP CONST L0001514 L0001515 L0001516 L0001517
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
INCLUDED PreCon.ROU
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE mission_bay_2008.SFC
PROFFILE mission_bay_2008.PFL
```

```
SURFDATA 23234 2008
UAIRDATA 23230 2008
PROFBASE 2.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
OU RECTABLE ALLAVE 1
PLOTFILE 1 GRADE 1ST Plots\GRADE_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C1 1ST Plots\PHASE1C1_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8_1hr_2018-2020EV.PLT
PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN_1hr_2018-2020EV.PLT
PLOTFILE 1 SHORE 1ST Plots\SHORE_1hr_2018-2020EV.PLT
PLOTFILE 1 RPD1 1ST Plots\RPD1_1hr_2018-2020EV.PLT
PLOTFILE 1 RPD2 1ST Plots\RPD2_1hr_2018-2020EV.PLT
PLOTFILE 1 PILE 1ST Plots\PILE_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7_1hr_2018-2020EV.PLT
PLOTFILE 1 CONST 1ST Plots\CONST_1hr_2018-2020EV.PLT
PLOTFILE PERIOD GRADE Plots\GRADE_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C1 Plots\PHASE1C1_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C3 Plots\PHASE1C3_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8_Ann_2018-2020EV.PLT
PLOTFILE PERIOD BIGGRN Plots\BIGGRN_Ann_2018-2020EV.PLT
PLOTFILE PERIOD SHORE Plots\SHORE_Ann_2018-2020EV.PLT
PLOTFILE PERIOD RPD1 Plots\RPD1_Ann_2018-2020EV.PLT
PLOTFILE PERIOD RPD2 Plots\RPD2_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PILE Plots\PILE_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C2 Plots\PHASE2C2_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C4 Plots\PHASE2C4_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C5 Plots\PHASE2C5_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C6 Plots\PHASE2C6_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C7 Plots\PHASE2C7_Ann_2018-2020EV.PLT
PLOTFILE PERIOD CONST Plots\CONST_Ann_2018-2020EV.PLT
OU FINISHED
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File: P:\AQES\Projects\PDD\IndiaBasin\400 - Technical (TECH)\430 Technical Areas
s\436 HRA\AERMOD\2018_2020_ExistRec\Variant\2018-2020EV.INP 1/6/2017, 5:54:38 PM

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** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     10
** ZONEINX  0
**
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**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE 2021-2022 Existing Receptors - Maximum Commerical Variant Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION PHASE1C1 AREAPOLY 555026.479 4176281.861 6.096
LOCATION PHASE1C2 AREAPOLY 555222.916 4176198.157 7.620
LOCATION PHASE1C3 AREAPOLY 555289.282 4176118.664 12.192
LOCATION PHASE1C4 AREAPOLY 555229.049 4176203.404 5.182
LOCATION PHASE1C5 AREAPOLY 555319.797 4176185.976 6.096
LOCATION PHASE1C6 AREAPOLY 555172.354 4176309.620 4.572
LOCATION PHASE1C7 AREAPOLY 555097.859 4176300.036 4.572
LOCATION PHASE1C8 AREAPOLY 555465.541 4176252.551 4.572
LOCATION BIGGRN AREAPOLY 555029.810 4176309.841 4.572
LOCATION SHORE AREAPOLY 555121.109 4176331.718 4.572
LOCATION RPD2 AREAPOLY 554918.029 4176546.199 15.180
LOCATION PILE AREAPOLY 555036.003 4176394.153 0.000
LOCATION PHASE2C1 AREAPOLY 555388.531 4176143.749 5.791
LOCATION PHASE2C2 AREAPOLY 555433.844 4176203.876 5.182
LOCATION PHASE2C3 AREAPOLY 555354.546 4176254.417 5.182
LOCATION PHASE2C4 AREAPOLY 555316.578 4176272.940 5.182
LOCATION PHASE2C5 AREAPOLY 555322.465 4176279.362 4.572
LOCATION PHASE2C6 AREAPOLY 555398.992 4176311.471 4.572
LOCATION PHASE2C7 AREAPOLY 555359.658 4176270.532 5.182
LOCATION BEACH AREAPOLY 555456.986 4176385.345 4.572
LOCATION EMGEN1 POINT 555132.289 4176268.496 4.572
LOCATION EMGEN2 POINT 555244.723 4176214.288 5.182
LOCATION EMGEN3 POINT 555244.697 4176254.889 4.572
LOCATION EMGEN5 POINT 555130.892 4176268.960 4.572
LOCATION EMGEN6 POINT 555246.510 4176214.828 5.182
LOCATION EMGEN7 POINT 555246.148 4176255.337 4.572
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent

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** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 8
** 555339.829, 4176031.731, 18.90, 2.00, 6.24
** 554903.494, 4176341.253, 12.12, 2.00, 6.24
** 554890.980, 4176370.453, 12.52, 2.00, 6.24
** 554890.980, 4176412.167, 12.52, 2.00, 6.24
** 554897.654, 4176446.373, 12.75, 2.00, 6.24
** 554913.506, 4176649.941, 14.38, 2.00, 6.24
** 554849.265, 4176789.267, 10.80, 2.00, 6.24
** 554702.430, 4176896.057, 9.06, 2.00, 6.24

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LOCATION L0001430      VOLUME 555334.360 4176035.610 18.82
LOCATION L0001431      VOLUME 555323.423 4176043.369 18.65
LOCATION L0001432      VOLUME 555312.485 4176051.128 18.48
LOCATION L0001433      VOLUME 555301.548 4176058.887 18.31
LOCATION L0001434      VOLUME 555290.610 4176066.645 18.14
LOCATION L0001435      VOLUME 555279.672 4176074.404 17.97
LOCATION L0001436      VOLUME 555268.735 4176082.163 17.80
LOCATION L0001437      VOLUME 555257.797 4176089.922 17.63
LOCATION L0001438      VOLUME 555246.860 4176097.680 17.46
LOCATION L0001439      VOLUME 555235.922 4176105.439 17.29
LOCATION L0001440      VOLUME 555224.985 4176113.198 17.12
LOCATION L0001441      VOLUME 555214.047 4176120.957 16.95
LOCATION L0001442      VOLUME 555203.110 4176128.715 16.78
LOCATION L0001443      VOLUME 555192.172 4176136.474 16.61
LOCATION L0001444      VOLUME 555181.235 4176144.233 16.44
LOCATION L0001445      VOLUME 555170.297 4176151.992 16.27
LOCATION L0001446      VOLUME 555159.359 4176159.750 16.10
LOCATION L0001447      VOLUME 555148.422 4176167.509 15.93
LOCATION L0001448      VOLUME 555137.484 4176175.268 15.76
LOCATION L0001449      VOLUME 555126.547 4176183.027 15.59
LOCATION L0001450      VOLUME 555115.609 4176190.785 15.42
LOCATION L0001451      VOLUME 555104.672 4176198.544 15.25
LOCATION L0001452      VOLUME 555093.734 4176206.303 15.08
LOCATION L0001453      VOLUME 555082.797 4176214.062 14.91
LOCATION L0001454      VOLUME 555071.859 4176221.820 14.74
LOCATION L0001455      VOLUME 555060.922 4176229.579 14.57
LOCATION L0001456      VOLUME 555049.984 4176237.338 14.40
LOCATION L0001457      VOLUME 555039.046 4176245.096 14.23
LOCATION L0001458      VOLUME 555028.109 4176252.855 14.06
LOCATION L0001459      VOLUME 555017.171 4176260.614 13.89
LOCATION L0001460      VOLUME 555006.234 4176268.373 13.72
LOCATION L0001461      VOLUME 554995.296 4176276.131 13.55
LOCATION L0001462      VOLUME 554984.359 4176283.890 13.38
LOCATION L0001463      VOLUME 554973.421 4176291.649 13.21
LOCATION L0001464      VOLUME 554962.484 4176299.408 13.04
LOCATION L0001465      VOLUME 554951.546 4176307.166 12.87
LOCATION L0001466      VOLUME 554940.608 4176314.925 12.70
LOCATION L0001467      VOLUME 554929.671 4176322.684 12.53
LOCATION L0001468      VOLUME 554918.733 4176330.443 12.36
LOCATION L0001469      VOLUME 554907.796 4176338.201 12.19
LOCATION L0001470      VOLUME 554900.289 4176348.731 12.22
LOCATION L0001471      VOLUME 554895.007 4176361.057 12.39
LOCATION L0001472      VOLUME 554890.980 4176373.640 12.52
LOCATION L0001473      VOLUME 554890.980 4176387.050 12.52

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LOCATION	L0001474	VOLUME	554890.980	4176400.460	12.52
LOCATION	L0001475	VOLUME	554891.306	4176413.839	12.53
LOCATION	L0001476	VOLUME	554893.874	4176427.000	12.62
LOCATION	L0001477	VOLUME	554896.442	4176440.162	12.71
LOCATION	L0001478	VOLUME	554898.204	4176453.434	12.81
LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

** End of LINE VOLUME Source ID = CONST

** Source Parameters **

SRCPARAM	PHASE1C1	0.00015124	2.000	30	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555113.811	4176250.493
AREAVERT	PHASE1C1	555133.896	4176235.916	555130.435	4176228.348
AREAVERT	PHASE1C1	555141.081	4176222.616	555123.661	4176198.157
AREAVERT	PHASE1C1	555135.011	4176189.645	555152.744	4176214.472
AREAVERT	PHASE1C1	555186.084	4176189.645	555198.852	4176208.798
AREAVERT	PHASE1C1	555180.409	4176228.659	555186.111	4176237.453

AREAVERT	PHASE1C1	555180.127	4176244.292	555184.893	4176249.767
AREAVERT	PHASE1C1	555160.948	4176259.925	555152.717	4176248.321
AREAVERT	PHASE1C1	555147.779	4176249.512	555153.454	4176262.708
AREAVERT	PHASE1C1	555133.792	4176267.728	555132.628	4176266.764
AREAVERT	PHASE1C1	555094.523	4176277.886	555094.751	4176280.015
AREAVERT	PHASE1C1	555057.518	4176286.854	555045.150	4176285.034
SRCPARAM	PHASE1C2	0.000680921	2.000	12	1.400
AREAVERT	PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT	PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT	PHASE1C2	555213.328	4176137.084	555214.394	4176138.342
AREAVERT	PHASE1C2	555224.744	4176130.302	555235.233	4176146.455
AREAVERT	PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT	PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM	PHASE1C3	0.00195	2.000	4	1.400
AREAVERT	PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT	PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM	PHASE1C4	0.0002218	2.000	14	1.400
AREAVERT	PHASE1C4	555229.049	4176203.404	555242.181	4176183.279
AREAVERT	PHASE1C4	555258.307	4176191.930	555264.420	4176186.554
AREAVERT	PHASE1C4	555248.350	4176155.764	555227.822	4176124.973
AREAVERT	PHASE1C4	555251.818	4176109.148	555276.297	4176145.271
AREAVERT	PHASE1C4	555304.973	4176200.835	555290.762	4176215.243
AREAVERT	PHASE1C4	555288.478	4176213.351	555282.378	4176220.851
AREAVERT	PHASE1C4	555284.655	4176222.085	555273.784	4176232.333
SRCPARAM	PHASE1C5	0.0001763	2.000	12	1.400
AREAVERT	PHASE1C5	555319.797	4176185.976	555279.074	4176130.166
AREAVERT	PHASE1C5	555304.914	4176111.573	555305.843	4176113.179
AREAVERT	PHASE1C5	555326.772	4176099.287	555326.578	4176095.427
AREAVERT	PHASE1C5	555354.402	4176076.939	555389.225	4176116.433
AREAVERT	PHASE1C5	555368.205	4176137.487	555365.016	4176137.225
AREAVERT	PHASE1C5	555339.890	4176164.514	555339.228	4176166.513
SRCPARAM	PHASE1C6	0.00130497	2.000	4	1.400
AREAVERT	PHASE1C6	555172.354	4176309.620	555171.918	4176276.511
AREAVERT	PHASE1C6	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM	PHASE1C7	0.00136	2.000	3	1.400
AREAVERT	PHASE1C7	555097.859	4176300.036	555158.413	4176281.303
AREAVERT	PHASE1C7	555157.978	4176305.699		
SRCPARAM	PHASE1C8	0.00174	2.000	4	1.400
AREAVERT	PHASE1C8	555465.541	4176252.551	555485.145	4176238.610
AREAVERT	PHASE1C8	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM	BIGGRN	0.00004222	2.000	37	1.400
AREAVERT	BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT	BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT	BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT	BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT	BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT	BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT	BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT	BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT	BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT	BIGGRN	555310.070	4176426.231	555283.832	4176397.478
AREAVERT	BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT	BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT	BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT	BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT	BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT	BIGGRN	555118.162	4176329.858	555096.816	4176337.700

AREAVERT	BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT	BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT	BIGGRN	555041.488	4176328.551		
SRCPARAM	SHORE	0.00004573	2.000	34	1.400
AREAVERT	SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT	SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT	SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT	SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT	SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT	SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT	SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT	SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT	SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT	SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT	SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT	SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT	SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT	SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT	SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT	SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT	SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		
SRCPARAM	PHASE2C1	0.00076988	2.000	6	1.400
AREAVERT	PHASE2C1	555388.531	4176143.749	555402.038	4176131.985
AREAVERT	PHASE2C1	555419.901	4176159.870	555443.865	4176189.062
AREAVERT	PHASE2C1	555429.051	4176200.826	555407.702	4176174.684
SRCPARAM	PHASE2C2	0.001207	2.000	4	1.400
AREAVERT	PHASE2C2	555433.844	4176203.876	555446.044	4176196.033

AREAVERT	PHASE2C2	555475.672	4176243.525	555462.165	4176250.932	
SRCPARAM	PHASE2C3	0.0003208	2.000	15	1.400	
AREAVERT	PHASE2C3	555354.546	4176254.417	555332.633	4176202.834	
AREAVERT	PHASE2C3	555346.815	4176191.596	555347.885	4176193.737	
AREAVERT	PHASE2C3	555368.221	4176180.893	555366.348	4176179.287	
AREAVERT	PHASE2C3	555384.008	4176170.190	555420.399	4176215.946	
AREAVERT	PHASE2C3	555404.611	4176227.451	555381.065	4176240.295	
AREAVERT	PHASE2C3	555373.037	4176223.973	555393.908	4176212.467	
AREAVERT	PHASE2C3	555380.529	4176195.610	555354.574	4176209.256	
AREAVERT	PHASE2C3	555371.699	4176246.717			
SRCPARAM	PHASE2C4	0.00096256	2.000	6	1.400	
AREAVERT	PHASE2C4	555316.578	4176272.940	555289.285	4176245.379	
AREAVERT	PHASE2C4	555313.100	4176219.959	555327.816	4176232.000	
AREAVERT	PHASE2C4	555314.438	4176245.647	555329.690	4176260.631	
SRCPARAM	PHASE2C5	0.0008214	2.000	8	1.400	
AREAVERT	PHASE2C5	555322.465	4176279.362	555338.252	4176268.391	
AREAVERT	PHASE2C5	555355.377	4176294.881	555361.264	4176298.895	
AREAVERT	PHASE2C5	555379.727	4176316.823	555366.883	4176330.737	
AREAVERT	PHASE2C5	555348.688	4176312.006	555340.660	4176304.782	
SRCPARAM	PHASE2C6	0.00092047	2.000	12	1.400	
AREAVERT	PHASE2C6	555398.992	4176311.471	555408.625	4176301.571	
AREAVERT	PHASE2C6	555417.188	4176297.022	555437.256	4176286.051	
AREAVERT	PHASE2C6	555439.664	4176283.910	555461.873	4176268.123	
AREAVERT	PHASE2C6	555469.365	4176280.699	555447.424	4176295.951	
AREAVERT	PHASE2C6	555444.213	4176298.627	555423.877	4176309.330	
AREAVERT	PHASE2C6	555419.328	4176312.809	555408.893	4176321.907	
SRCPARAM	PHASE2C7	0.0004603	2.000	12	1.400	
AREAVERT	PHASE2C7	555359.658	4176270.532	555389.092	4176301.035	
AREAVERT	PHASE2C7	555401.133	4176288.994	555407.287	4176282.305	
AREAVERT	PHASE2C7	555427.356	4176268.658	555444.213	4176261.166	
AREAVERT	PHASE2C7	555426.553	4176225.578	555409.963	4176233.873	
AREAVERT	PHASE2C7	555419.328	4176252.604	555396.584	4176267.588	
AREAVERT	PHASE2C7	555388.557	4176272.940	555373.572	4176256.082	
SRCPARAM	BEACH	0.00019266	2.000	17	1.400	
AREAVERT	BEACH	555456.986	4176385.345	555447.940	4176369.666	
AREAVERT	BEACH	555449.749	4176366.048	555432.864	4176355.193	
AREAVERT	BEACH	555422.009	4176344.338	555431.055	4176326.850	
AREAVERT	BEACH	555456.986	4176306.346	555493.169	4176309.965	
AREAVERT	BEACH	555517.894	4176303.934	555531.764	4176294.285	
AREAVERT	BEACH	555548.046	4176317.201	555527.542	4176332.277	
AREAVERT	BEACH	555514.878	4176334.689	555501.008	4176349.765	
AREAVERT	BEACH	555487.138	4176358.811	555470.253	4176367.857	
AREAVERT	BEACH	555459.398	4176381.124			
SRCPARAM	EMGEN1	1.0	22.641	739.817	45.30000	0.183
SRCPARAM	EMGEN2	1.0	23.860	739.817	45.30000	0.183
SRCPARAM	EMGEN3	1.0	5.572	739.817	45.30000	0.183
SRCPARAM	EMGEN5	1.0	22.641	739.817	45.30000	0.183
SRCPARAM	EMGEN6	1.0	23.860	739.817	45.30000	0.183
SRCPARAM	EMGEN7	1.0	5.572	739.817	45.30000	0.183
** LINE VOLUME Source ID = CONST						
SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001432	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30	

SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001444	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001445	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001446	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001447	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001449	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001450	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001451	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001452	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001453	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001454	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001455	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001457	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001458	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001476	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001477	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001498	0.0113636364	2.00	6.24	2.30		
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SRCPARAM	L0001506	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001507	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001508	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001510	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001511	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001512	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001514	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30		
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30		
** ----- **							
** Building Downwash **							
BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN3	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67

BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	21.64	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	123.48	124.12	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN3	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	123.48	124.12	120.98	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN7	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.67	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61

BUILDLEN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	54.10	69.02	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN3	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	37.32	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN7	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	121.85	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
XBADJ	EMGEN1	-47.54	-51.45	-53.79	-22.12	-13.00	-6.06
XBADJ	EMGEN1	1.06	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	-5.05	1.09	2.02	-75.82	-76.85	-75.55
XBADJ	EMGEN1	-71.96	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-72.53	-93.15	-97.43	-98.75	-97.06	-92.43
XBADJ	EMGEN2	-87.96	-1.41	-0.95	-6.88	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-51.59	53.24	58.63	61.71	62.92	62.22
XBADJ	EMGEN2	58.16	-56.93	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-15.23	5.19
XBADJ	EMGEN3	21.51	29.70	34.22	31.28	27.38	76.63
XBADJ	EMGEN3	17.25	11.31	5.03	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-75.23	-79.55

XBADJ	EMGEN3	-85.09	-88.04	-88.32	-100.29	-110.89	-118.12
XBADJ	EMGEN5	-47.75	-51.40	-53.49	-21.57	-12.22	-5.08
XBADJ	EMGEN5	2.22	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	-4.84	1.05	1.72	-76.37	-77.63	-76.54
XBADJ	EMGEN5	-73.12	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-74.39	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-2.15	-1.38	-6.99	-12.38	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-49.72	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-56.19	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-87.54	4.16
XBADJ	EMGEN7	20.69	29.11	33.88	31.20	27.58	77.08
XBADJ	EMGEN7	17.94	12.23	6.14	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-208.19	-78.52
XBADJ	EMGEN7	-84.27	-87.46	-87.99	-100.22	-111.08	-118.57
YBADJ	EMGEN1	36.12	32.94	28.76	-33.87	-30.37	-25.95
YBADJ	EMGEN1	-19.22	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	-36.12	-32.94	-28.76	33.87	30.37	25.95
YBADJ	EMGEN1	19.22	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-27.63	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-22.67	-16.82	-10.47	-42.39	-33.02
YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	27.63	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	22.67	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-66.50	-61.48
YBADJ	EMGEN3	-56.53	-48.75	-37.11	-24.34	-10.82	-33.00
YBADJ	EMGEN3	16.76	30.00	42.37	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	66.50	61.48
YBADJ	EMGEN3	56.53	48.75	37.11	24.34	10.82	33.00
YBADJ	EMGEN5	34.66	31.47	27.32	-35.24	-31.62	-27.04
YBADJ	EMGEN5	-20.14	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	-34.66	-31.47	-27.32	35.24	31.62	27.04
YBADJ	EMGEN5	20.14	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94
YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-27.52	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-24.39	-18.64	-12.33	-5.65	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	27.52	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	24.39	21.43	0.49	-20.48	34.81

YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-62.60
YBADJ	EMGEN7	-57.80	-50.15	-38.59	-25.85	-12.33	-34.45
YBADJ	EMGEN7	15.41	28.79	41.34	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	44.50	62.60
YBADJ	EMGEN7	57.80	50.15	38.59	25.85	12.33	34.45

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** WeekDays:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0


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** WeekDays:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT RPD2          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD2          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2          HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT RPD2          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD2          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD2          HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT RPD2          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT PHASE2C3	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C4	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C4	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C5	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C5	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C6	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:	
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C6	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:	
EMISFACT PHASE2C7	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C7	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C7	HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C7	HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:	

EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

Page: 30

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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SRCGROUP PHASE1C1 PHASE1C1
SRCGROUP PHASE1C2 PHASE1C2
SRCGROUP PHASE1C3 PHASE1C3
SRCGROUP PHASE1C4 PHASE1C4
SRCGROUP PHASE1C5 PHASE1C5
SRCGROUP PHASE1C6 PHASE1C6
SRCGROUP PHASE1C7 PHASE1C7
SRCGROUP PHASE1C8 PHASE1C8
SRCGROUP BIGGRN BIGGRN
SRCGROUP SHORE SHORE
SRCGROUP RPD2 RPD2
SRCGROUP PILE PILE
SRCGROUP PHASE2C1 PHASE2C1
SRCGROUP PHASE2C2 PHASE2C2
SRCGROUP PHASE2C3 PHASE2C3
SRCGROUP PHASE2C4 PHASE2C4
SRCGROUP PHASE2C5 PHASE2C5
SRCGROUP PHASE2C6 PHASE2C6
SRCGROUP PHASE2C7 PHASE2C7
SRCGROUP BEACH BEACH
SRCGROUP EMGEN1 EMGEN1
SRCGROUP EMGEN2 EMGEN2
SRCGROUP EMGEN3 EMGEN3
SRCGROUP EMGEN5 EMGEN5
SRCGROUP EMGEN6 EMGEN6
SRCGROUP EMGEN7 EMGEN7
SRCGROUP CONST L0001430 L0001431 L0001432 L0001433 L0001434 L0001435
SRCGROUP CONST L0001436 L0001437 L0001438 L0001439 L0001440 L0001441
SRCGROUP CONST L0001442 L0001443 L0001444 L0001445 L0001446 L0001447
SRCGROUP CONST L0001448 L0001449 L0001450 L0001451 L0001452 L0001453
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SRCGROUP CONST L0001472 L0001473 L0001474 L0001475 L0001476 L0001477
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SRCGROUP CONST L0001502 L0001503 L0001504 L0001505 L0001506 L0001507
SRCGROUP CONST L0001508 L0001509 L0001510 L0001511 L0001512 L0001513
SRCGROUP CONST L0001514 L0001515 L0001516 L0001517
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED PreCon.ROU
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
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**

**

ME STARTING

SURFFILE mission_bay_2008.SFC

PROFFILE mission_bay_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

OU RECTABLE ALLAVE 1

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PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8_1hr_2021-2022EV.PLT

PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN_1hr_2021-2022EV.PLT

PLOTFILE 1 SHORE 1ST Plots\SHORE_1hr_2021-2022EV.PLT

PLOTFILE 1 RPD2 1ST Plots\RPD2_1hr_2021-2022EV.PLT

PLOTFILE 1 PILE 1ST Plots\PILE_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6_1hr_2021-2022EV.PLT

PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7_1hr_2021-2022EV.PLT

PLOTFILE 1 BEACH 1ST Plots\BEACH_1hr_2021-2022EV.PLT

PLOTFILE 1 EMGEN1 1ST Plots\EMGEN1_1hr_2021-2022EV.PLT

PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2_1hr_2021-2022EV.PLT

PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3_1hr_2021-2022EV.PLT

PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5_1hr_2021-2022EV.PLT

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PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7_1hr_2021-2022EV.PLT

PLOTFILE 1 CONST 1ST Plots\CONST_1hr_2021-2022EV.PLT

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PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2_Ann_2021-2022EV.PLT

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PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4_Ann_2021-2022EV.PLT

PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5_Ann_2021-2022EV.PLT

PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6_Ann_2021-2022EV.PLT

PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7_Ann_2021-2022EV.PLT

PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8_Ann_2021-2022EV.PLT

PLOTFILE PERIOD BIGGRN Plots\BIGGRN_Ann_2021-2022EV.PLT

PLOTFILE PERIOD SHORE Plots\SHORE_Ann_2021-2022EV.PLT

PLOTFILE PERIOD RPD2 Plots\RPD2_Ann_2021-2022EV.PLT

PLOTFILE PERIOD PILE Plots\PILE_Ann_2021-2022EV.PLT

PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1_Ann_2021-2022EV.PLT

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s\436 HRA\AERMOD\2021_2022_ExistRec\Variant\2021-2022EV.INP 1/6/2017, 6:41:00 PM

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PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3_Ann_2021-2022EV.PLT
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PLOTFILE PERIOD CONST Plots\CONST_Ann_2021-2022EV.PLT
PLOTFILE PERIOD BEACH Plots\BEACH_Ann_2021-2022EV.PLT
PLOTFILE PERIOD EMGEN1 Plots\EMGEN1_Ann_2021-2022EV.PLT
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PLOTFILE PERIOD EMGEN6 Plots\EMGEN6_Ann_2021-2022EV.PLT
PLOTFILE PERIOD EMGEN7 Plots\EMGEN7_Ann_2021-2022EV.PLT
OU FINISHED

**

** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 10
** ZONEINX 0
**

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**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Operations Existing Receptors - Maximum Commercial Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION EMGEN1      POINT      555132.289  4176268.496      4.572
LOCATION EMGEN2      POINT      555244.723  4176214.288      5.182
LOCATION EMGEN3      POINT      555244.697  4176254.889      4.572
LOCATION EMGEN4      POINT      555413.890  4176206.195      5.182
LOCATION EMGEN5      POINT      555130.892  4176268.960      4.572
LOCATION EMGEN6      POINT      555246.510  4176214.828      5.182
LOCATION EMGEN7      POINT      555246.148  4176255.337      4.572
LOCATION EMGEN8      POINT      555415.054  4176207.595      5.182
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESN
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554678.517, 4176495.353, 31.97, 2.00, 6.24
** 555496.302, 4175923.596, 19.10, 2.00, 6.24
** -----
LOCATION L0000001    VOLUME    554684.012  4176491.511  31.88
LOCATION L0000002    VOLUME    554695.002  4176483.827  31.71
LOCATION L0000003    VOLUME    554705.993  4176476.143  31.54
LOCATION L0000004    VOLUME    554716.983  4176468.459  31.36
LOCATION L0000005    VOLUME    554727.973  4176460.776  31.19
LOCATION L0000006    VOLUME    554738.963  4176453.092  31.02
LOCATION L0000007    VOLUME    554749.954  4176445.408  30.85
LOCATION L0000008    VOLUME    554760.944  4176437.724  30.67
LOCATION L0000009    VOLUME    554771.934  4176430.040  30.50
LOCATION L0000010    VOLUME    554782.925  4176422.356  30.33
LOCATION L0000011    VOLUME    554793.915  4176414.672  30.15
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LOCATION	L0000012	VOLUME	554804.905	4176406.988	29.98
LOCATION	L0000013	VOLUME	554815.895	4176399.304	29.81
LOCATION	L0000014	VOLUME	554826.886	4176391.621	29.64
LOCATION	L0000015	VOLUME	554837.876	4176383.937	29.46
LOCATION	L0000016	VOLUME	554848.866	4176376.253	29.29
LOCATION	L0000017	VOLUME	554859.856	4176368.569	29.12
LOCATION	L0000018	VOLUME	554870.847	4176360.885	28.94
LOCATION	L0000019	VOLUME	554881.837	4176353.201	28.77
LOCATION	L0000020	VOLUME	554892.827	4176345.517	28.60
LOCATION	L0000021	VOLUME	554903.818	4176337.833	28.42
LOCATION	L0000022	VOLUME	554914.808	4176330.150	28.25
LOCATION	L0000023	VOLUME	554925.798	4176322.466	28.08
LOCATION	L0000024	VOLUME	554936.788	4176314.782	27.91
LOCATION	L0000025	VOLUME	554947.779	4176307.098	27.73
LOCATION	L0000026	VOLUME	554958.769	4176299.414	27.56
LOCATION	L0000027	VOLUME	554969.759	4176291.730	27.39
LOCATION	L0000028	VOLUME	554980.749	4176284.046	27.21
LOCATION	L0000029	VOLUME	554991.740	4176276.362	27.04
LOCATION	L0000030	VOLUME	555002.730	4176268.678	26.87
LOCATION	L0000031	VOLUME	555013.720	4176260.995	26.69
LOCATION	L0000032	VOLUME	555024.711	4176253.311	26.52
LOCATION	L0000033	VOLUME	555035.701	4176245.627	26.35
LOCATION	L0000034	VOLUME	555046.691	4176237.943	26.18
LOCATION	L0000035	VOLUME	555057.681	4176230.259	26.00
LOCATION	L0000036	VOLUME	555068.672	4176222.575	25.83
LOCATION	L0000037	VOLUME	555079.662	4176214.891	25.66
LOCATION	L0000038	VOLUME	555090.652	4176207.207	25.48
LOCATION	L0000039	VOLUME	555101.642	4176199.524	25.31
LOCATION	L0000040	VOLUME	555112.633	4176191.840	25.14
LOCATION	L0000041	VOLUME	555123.623	4176184.156	24.97
LOCATION	L0000042	VOLUME	555134.613	4176176.472	24.79
LOCATION	L0000043	VOLUME	555145.603	4176168.788	24.62
LOCATION	L0000044	VOLUME	555156.594	4176161.104	24.45
LOCATION	L0000045	VOLUME	555167.584	4176153.420	24.27
LOCATION	L0000046	VOLUME	555178.574	4176145.736	24.10
LOCATION	L0000047	VOLUME	555189.565	4176138.052	23.93
LOCATION	L0000048	VOLUME	555200.555	4176130.369	23.75
LOCATION	L0000049	VOLUME	555211.545	4176122.685	23.58
LOCATION	L0000050	VOLUME	555222.535	4176115.001	23.41
LOCATION	L0000051	VOLUME	555233.526	4176107.317	23.24
LOCATION	L0000052	VOLUME	555244.516	4176099.633	23.06
LOCATION	L0000053	VOLUME	555255.506	4176091.949	22.89
LOCATION	L0000054	VOLUME	555266.496	4176084.265	22.72
LOCATION	L0000055	VOLUME	555277.487	4176076.581	22.54
LOCATION	L0000056	VOLUME	555288.477	4176068.898	22.37
LOCATION	L0000057	VOLUME	555299.467	4176061.214	22.20
LOCATION	L0000058	VOLUME	555310.458	4176053.530	22.02
LOCATION	L0000059	VOLUME	555321.448	4176045.846	21.85
LOCATION	L0000060	VOLUME	555332.438	4176038.162	21.68
LOCATION	L0000061	VOLUME	555343.428	4176030.478	21.51
LOCATION	L0000062	VOLUME	555354.419	4176022.794	21.33
LOCATION	L0000063	VOLUME	555365.409	4176015.110	21.16
LOCATION	L0000064	VOLUME	555376.399	4176007.426	20.99
LOCATION	L0000065	VOLUME	555387.389	4175999.743	20.81
LOCATION	L0000066	VOLUME	555398.380	4175992.059	20.64
LOCATION	L0000067	VOLUME	555409.370	4175984.375	20.47
LOCATION	L0000068	VOLUME	555420.360	4175976.691	20.30

LOCATION L0000069	VOLUME	555431.351	4175969.007	20.12
LOCATION L0000070	VOLUME	555442.341	4175961.323	19.95
LOCATION L0000071	VOLUME	555453.331	4175953.639	19.78
LOCATION L0000072	VOLUME	555464.321	4175945.955	19.60
LOCATION L0000073	VOLUME	555475.312	4175938.271	19.43
LOCATION L0000074	VOLUME	555486.302	4175930.588	19.26
** End of LINE VOLUME Source ID = INNESN				
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** PREFIX				
** Length of Side = 18.29				
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** 554886.921, 4176450.987, 12.78, 2.00, 8.51				
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LOCATION L0000688	VOLUME	554846.398	4176399.286	13.23
LOCATION L0000689	VOLUME	554857.681	4176413.681	13.10
LOCATION L0000690	VOLUME	554868.964	4176428.076	12.98
LOCATION L0000691	VOLUME	554880.247	4176442.471	12.85
** End of LINE VOLUME Source ID = HAWES				
** -----				
** Line Source Represented by Adjacent Volume Sources				
** LINE VOLUME Source ID = HUNT				
** DESCRSRC				
** PREFIX				
** Length of Side = 13.41				
** Configuration = Adjacent				
** Emission Rate = 1.0				
** Vertical Dimension = 4.00				
** SZINIT = 2.30				
** Nodes = 3				
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** 554910.687, 4176653.908, 14.47, 2.00, 6.24				
** 554851.233, 4176783.066, 10.77, 2.00, 6.24				
** -----				
LOCATION L0000692	VOLUME	554892.668	4176374.605	12.54
LOCATION L0000693	VOLUME	554893.531	4176387.987	12.63
LOCATION L0000694	VOLUME	554894.394	4176401.369	12.72
LOCATION L0000695	VOLUME	554895.258	4176414.752	12.81
LOCATION L0000696	VOLUME	554896.121	4176428.134	12.91
LOCATION L0000697	VOLUME	554896.984	4176441.516	13.00
LOCATION L0000698	VOLUME	554897.848	4176454.898	13.09
LOCATION L0000699	VOLUME	554898.711	4176468.280	13.18
LOCATION L0000700	VOLUME	554899.575	4176481.663	13.28
LOCATION L0000701	VOLUME	554900.438	4176495.045	13.37
LOCATION L0000702	VOLUME	554901.301	4176508.427	13.46
LOCATION L0000703	VOLUME	554902.165	4176521.809	13.56
LOCATION L0000704	VOLUME	554903.028	4176535.191	13.65
LOCATION L0000705	VOLUME	554903.891	4176548.573	13.74
LOCATION L0000706	VOLUME	554904.755	4176561.956	13.83
LOCATION L0000707	VOLUME	554905.618	4176575.338	13.93

LOCATION	L0000708	VOLUME	554906.481	4176588.720	14.02
LOCATION	L0000709	VOLUME	554907.345	4176602.102	14.11
LOCATION	L0000710	VOLUME	554908.208	4176615.484	14.20
LOCATION	L0000711	VOLUME	554909.071	4176628.866	14.30
LOCATION	L0000712	VOLUME	554909.935	4176642.249	14.39
LOCATION	L0000713	VOLUME	554909.965	4176655.476	14.43
LOCATION	L0000714	VOLUME	554904.358	4176667.658	14.08
LOCATION	L0000715	VOLUME	554898.750	4176679.839	13.73
LOCATION	L0000716	VOLUME	554893.143	4176692.020	13.38
LOCATION	L0000717	VOLUME	554887.536	4176704.202	13.03
LOCATION	L0000718	VOLUME	554881.928	4176716.383	12.68
LOCATION	L0000719	VOLUME	554876.321	4176728.565	12.33
LOCATION	L0000720	VOLUME	554870.714	4176740.746	11.98
LOCATION	L0000721	VOLUME	554865.106	4176752.927	11.63
LOCATION	L0000722	VOLUME	554859.499	4176765.109	11.28
LOCATION	L0000723	VOLUME	554853.892	4176777.290	10.94

** End of LINE VOLUME Source ID = HUNT
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 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = EVANS
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 13.41
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 3
 ** 554702.207, 4176893.076, 9.07, 2.00, 6.24
 ** 554846.014, 4176790.551, 10.61, 2.00, 6.24
 ** 554851.050, 4176783.311, 10.77, 2.00, 6.24
 ** -----

LOCATION	L0000724	VOLUME	554707.667	4176889.184	9.13
LOCATION	L0000725	VOLUME	554718.586	4176881.399	9.25
LOCATION	L0000726	VOLUME	554729.505	4176873.614	9.36
LOCATION	L0000727	VOLUME	554740.424	4176865.830	9.48
LOCATION	L0000728	VOLUME	554751.343	4176858.045	9.60
LOCATION	L0000729	VOLUME	554762.262	4176850.261	9.71
LOCATION	L0000730	VOLUME	554773.181	4176842.476	9.83
LOCATION	L0000731	VOLUME	554784.101	4176834.691	9.95
LOCATION	L0000732	VOLUME	554795.020	4176826.907	10.06
LOCATION	L0000733	VOLUME	554805.939	4176819.122	10.18
LOCATION	L0000734	VOLUME	554816.858	4176811.337	10.30
LOCATION	L0000735	VOLUME	554827.777	4176803.553	10.41
LOCATION	L0000736	VOLUME	554838.696	4176795.768	10.53
LOCATION	L0000737	VOLUME	554848.540	4176786.920	10.69

** End of LINE VOLUME Source ID = EVANS
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = JENN
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 12.80
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30

```

** Nodes = 3
** 554703.459, 4176892.130, 9.07, 2.00, 5.95
** 554679.111, 4176839.151, 15.25, 2.00, 5.95
** 554678.308, 4176801.424, 18.60, 2.00, 5.95
** -----
LOCATION L0000738      VOLUME  554700.786 4176886.315 9.75
LOCATION L0000739      VOLUME  554695.441 4176874.684 11.11
LOCATION L0000740      VOLUME  554690.096 4176863.054 12.46
LOCATION L0000741      VOLUME  554684.751 4176851.423 13.82
LOCATION L0000742      VOLUME  554679.406 4176839.793 15.18
LOCATION L0000743      VOLUME  554678.854 4176827.060 16.32
LOCATION L0000744      VOLUME  554678.581 4176814.263 17.46
LOCATION L0000745      VOLUME  554678.309 4176801.466 18.60
** End of LINE VOLUME Source ID = JENN
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = MIDDLE
** DESCRSRC
** PREFIX
** Length of Side = 10.36
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554679.208, 4176800.861, 18.59, 2.00, 4.82
** 554682.380, 4176500.519, 32.23, 2.00, 4.82
** -----
LOCATION L0000746      VOLUME  554679.263 4176795.681 18.83
LOCATION L0000747      VOLUME  554679.372 4176785.322 19.30
LOCATION L0000748      VOLUME  554679.482 4176774.962 19.77
LOCATION L0000749      VOLUME  554679.591 4176764.603 20.24
LOCATION L0000750      VOLUME  554679.700 4176754.244 20.71
LOCATION L0000751      VOLUME  554679.810 4176743.884 21.18
LOCATION L0000752      VOLUME  554679.919 4176733.525 21.65
LOCATION L0000753      VOLUME  554680.029 4176723.165 22.12
LOCATION L0000754      VOLUME  554680.138 4176712.806 22.59
LOCATION L0000755      VOLUME  554680.247 4176702.446 23.06
LOCATION L0000756      VOLUME  554680.357 4176692.087 23.53
LOCATION L0000757      VOLUME  554680.466 4176681.728 24.00
LOCATION L0000758      VOLUME  554680.576 4176671.368 24.47
LOCATION L0000759      VOLUME  554680.685 4176661.009 24.94
LOCATION L0000760      VOLUME  554680.794 4176650.649 25.41
LOCATION L0000761      VOLUME  554680.904 4176640.290 25.88
LOCATION L0000762      VOLUME  554681.013 4176629.931 26.35
LOCATION L0000763      VOLUME  554681.123 4176619.571 26.82
LOCATION L0000764      VOLUME  554681.232 4176609.212 27.29
LOCATION L0000765      VOLUME  554681.341 4176598.852 27.76
LOCATION L0000766      VOLUME  554681.451 4176588.493 28.23
LOCATION L0000767      VOLUME  554681.560 4176578.133 28.71
LOCATION L0000768      VOLUME  554681.670 4176567.774 29.18
LOCATION L0000769      VOLUME  554681.779 4176557.415 29.65
LOCATION L0000770      VOLUME  554681.889 4176547.055 30.12
LOCATION L0000771      VOLUME  554681.998 4176536.696 30.59
LOCATION L0000772      VOLUME  554682.107 4176526.336 31.06
LOCATION L0000773      VOLUME  554682.217 4176515.977 31.53
LOCATION L0000774      VOLUME  554682.326 4176505.617 32.00

```

```

** End of LINE VOLUME Source ID = MIDDLE
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GRIFF
** DESCRSRC
** PREFIX
** Length of Side = 7.92
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555009.340, 4176269.854, 10.24, 2.00, 3.69
** 555025.636, 4176286.891, 7.06, 2.00, 3.69
** -----
LOCATION L0000775      VOLUME  555012.077 4176272.716 9.71
LOCATION L0000776      VOLUME  555017.552 4176278.439 8.64
LOCATION L0000777      VOLUME  555023.026 4176284.162 7.57
** End of LINE VOLUME Source ID = GRIFF
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = NHUD
** DESCRSRC
** PREFIX
** Length of Side = 10.67
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 6
** 555024.896, 4176285.780, 7.09, 2.00, 4.96
** 555067.860, 4176291.706, 2.98, 2.00, 4.96
** 555184.531, 4176256.890, 7.45, 2.00, 4.96
** 555217.993, 4176210.317, 9.25, 2.00, 4.96
** 555269.871, 4176241.559, 8.83, 2.00, 4.96
** 555400.834, 4176116.886, 6.11, 2.00, 4.96
** -----
LOCATION L0000778      VOLUME  555030.181 4176286.509 6.58
LOCATION L0000779      VOLUME  555040.751 4176287.967 5.57
LOCATION L0000780      VOLUME  555051.321 4176289.425 4.56
LOCATION L0000781      VOLUME  555061.891 4176290.883 3.55
LOCATION L0000782      VOLUME  555072.310 4176290.378 3.15
LOCATION L0000783      VOLUME  555082.535 4176287.327 3.54
LOCATION L0000784      VOLUME  555092.759 4176284.276 3.93
LOCATION L0000785      VOLUME  555102.984 4176281.225 4.33
LOCATION L0000786      VOLUME  555113.208 4176278.174 4.72
LOCATION L0000787      VOLUME  555123.433 4176275.122 5.11
LOCATION L0000788      VOLUME  555133.657 4176272.071 5.50
LOCATION L0000789      VOLUME  555143.882 4176269.020 5.89
LOCATION L0000790      VOLUME  555154.106 4176265.969 6.28
LOCATION L0000791      VOLUME  555164.331 4176262.918 6.68
LOCATION L0000792      VOLUME  555174.555 4176259.867 7.07
LOCATION L0000793      VOLUME  555184.682 4176256.679 7.46
LOCATION L0000794      VOLUME  555190.908 4176248.014 7.79
LOCATION L0000795      VOLUME  555197.134 4176239.349 8.13
LOCATION L0000796      VOLUME  555203.360 4176230.684 8.46
LOCATION L0000797      VOLUME  555209.586 4176222.018 8.80

```

LOCATION	L0000798	VOLUME	555215.812	4176213.353	9.13
LOCATION	L0000799	VOLUME	555223.931	4176213.893	9.20
LOCATION	L0000800	VOLUME	555233.071	4176219.398	9.13
LOCATION	L0000801	VOLUME	555242.212	4176224.902	9.05
LOCATION	L0000802	VOLUME	555251.352	4176230.407	8.98
LOCATION	L0000803	VOLUME	555260.493	4176235.911	8.91
LOCATION	L0000804	VOLUME	555269.633	4176241.416	8.83
LOCATION	L0000805	VOLUME	555277.398	4176234.393	8.67
LOCATION	L0000806	VOLUME	555285.126	4176227.036	8.51
LOCATION	L0000807	VOLUME	555292.855	4176219.679	8.35
LOCATION	L0000808	VOLUME	555300.583	4176212.322	8.19
LOCATION	L0000809	VOLUME	555308.311	4176204.965	8.03
LOCATION	L0000810	VOLUME	555316.039	4176197.608	7.87
LOCATION	L0000811	VOLUME	555323.767	4176190.252	7.71
LOCATION	L0000812	VOLUME	555331.495	4176182.895	7.55
LOCATION	L0000813	VOLUME	555339.223	4176175.538	7.39
LOCATION	L0000814	VOLUME	555346.951	4176168.181	7.23
LOCATION	L0000815	VOLUME	555354.680	4176160.824	7.07
LOCATION	L0000816	VOLUME	555362.408	4176153.467	6.91
LOCATION	L0000817	VOLUME	555370.136	4176146.110	6.75
LOCATION	L0000818	VOLUME	555377.864	4176138.753	6.59
LOCATION	L0000819	VOLUME	555385.592	4176131.396	6.43
LOCATION	L0000820	VOLUME	555393.320	4176124.039	6.27

** End of LINE VOLUME Source ID = NHUD
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = ARELI
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 12.19
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 2
 ** 555176.012, 4176155.405, 12.75, 2.00, 5.67
 ** 555214.902, 4176215.037, 9.26, 2.00, 5.67
 ** -----

LOCATION	L0000821	VOLUME	555179.341	4176160.510	12.45
LOCATION	L0000822	VOLUME	555186.000	4176170.721	11.85
LOCATION	L0000823	VOLUME	555192.659	4176180.931	11.26
LOCATION	L0000824	VOLUME	555199.318	4176191.142	10.66
LOCATION	L0000825	VOLUME	555205.977	4176201.352	10.06
LOCATION	L0000826	VOLUME	555212.636	4176211.563	9.46

** End of LINE VOLUME Source ID = ARELI
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = EARLN
 ** DESCRSRC
 ** PREFIX
 ** Length of Side = 8.53
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 4.00
 ** SZINIT = 2.30
 ** Nodes = 3
 ** 555342.533, 4176040.516, 18.57, 2.00, 3.97

** 555411.287, 4176117.714, 6.22, 2.00, 3.97
** 555543.971, 4176310.106, 1.95, 2.00, 3.97

** -----
LOCATION L0000827 VOLUME 555345.370 4176043.701 18.06
LOCATION L0000828 VOLUME 555351.043 4176050.071 17.04
LOCATION L0000829 VOLUME 555356.716 4176056.441 16.02
LOCATION L0000830 VOLUME 555362.389 4176062.811 15.00
LOCATION L0000831 VOLUME 555368.062 4176069.181 13.98
LOCATION L0000832 VOLUME 555373.735 4176075.551 12.97
LOCATION L0000833 VOLUME 555379.409 4176081.921 11.95
LOCATION L0000834 VOLUME 555385.082 4176088.290 10.93
LOCATION L0000835 VOLUME 555390.755 4176094.660 9.91
LOCATION L0000836 VOLUME 555396.428 4176101.030 8.89
LOCATION L0000837 VOLUME 555402.101 4176107.400 7.87
LOCATION L0000838 VOLUME 555407.775 4176113.770 6.85
LOCATION L0000839 VOLUME 555413.131 4176120.388 6.16
LOCATION L0000840 VOLUME 555417.974 4176127.410 6.00
LOCATION L0000841 VOLUME 555422.817 4176134.432 5.85
LOCATION L0000842 VOLUME 555427.660 4176141.454 5.69
LOCATION L0000843 VOLUME 555432.502 4176148.476 5.54
LOCATION L0000844 VOLUME 555437.345 4176155.498 5.38
LOCATION L0000845 VOLUME 555442.188 4176162.520 5.23
LOCATION L0000846 VOLUME 555447.031 4176169.542 5.07
LOCATION L0000847 VOLUME 555451.874 4176176.564 4.91
LOCATION L0000848 VOLUME 555456.716 4176183.587 4.76
LOCATION L0000849 VOLUME 555461.559 4176190.609 4.60
LOCATION L0000850 VOLUME 555466.402 4176197.631 4.45
LOCATION L0000851 VOLUME 555471.245 4176204.653 4.29
LOCATION L0000852 VOLUME 555476.087 4176211.675 4.13
LOCATION L0000853 VOLUME 555480.930 4176218.697 3.98
LOCATION L0000854 VOLUME 555485.773 4176225.719 3.82
LOCATION L0000855 VOLUME 555490.616 4176232.741 3.67
LOCATION L0000856 VOLUME 555495.458 4176239.763 3.51
LOCATION L0000857 VOLUME 555500.301 4176246.785 3.36
LOCATION L0000858 VOLUME 555505.144 4176253.807 3.20
LOCATION L0000859 VOLUME 555509.987 4176260.829 3.04
LOCATION L0000860 VOLUME 555514.829 4176267.851 2.89
LOCATION L0000861 VOLUME 555519.672 4176274.873 2.73
LOCATION L0000862 VOLUME 555524.515 4176281.895 2.58
LOCATION L0000863 VOLUME 555529.358 4176288.917 2.42
LOCATION L0000864 VOLUME 555534.200 4176295.939 2.26
LOCATION L0000865 VOLUME 555539.043 4176302.961 2.11
LOCATION L0000866 VOLUME 555543.886 4176309.983 1.95

** End of LINE VOLUME Source ID = EARLN

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = DONS

** DESCRSRC

** PREFIX

** Length of Side = 12.19

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 2

** 555402.422, 4175770.444, 32.36, 2.00, 5.67

** 555590.247, 4176037.573, 14.86, 2.00, 5.67

```

** -----
LOCATION L0000867    VOLUME    555405.928  4175775.430  32.03
LOCATION L0000868    VOLUME    555412.939  4175785.402  31.38
LOCATION L0000869    VOLUME    555419.951  4175795.373  30.73
LOCATION L0000870    VOLUME    555426.962  4175805.345  30.07
LOCATION L0000871    VOLUME    555433.973  4175815.317  29.42
LOCATION L0000872    VOLUME    555440.985  4175825.289  28.77
LOCATION L0000873    VOLUME    555447.996  4175835.261  28.11
LOCATION L0000874    VOLUME    555455.008  4175845.232  27.46
LOCATION L0000875    VOLUME    555462.019  4175855.204  26.81
LOCATION L0000876    VOLUME    555469.030  4175865.176  26.15
LOCATION L0000877    VOLUME    555476.042  4175875.148  25.50
LOCATION L0000878    VOLUME    555483.053  4175885.119  24.85
LOCATION L0000879    VOLUME    555490.065  4175895.091  24.19
LOCATION L0000880    VOLUME    555497.076  4175905.063  23.54
LOCATION L0000881    VOLUME    555504.087  4175915.035  22.89
LOCATION L0000882    VOLUME    555511.099  4175925.007  22.23
LOCATION L0000883    VOLUME    555518.110  4175934.978  21.58
LOCATION L0000884    VOLUME    555525.122  4175944.950  20.93
LOCATION L0000885    VOLUME    555532.133  4175954.922  20.27
LOCATION L0000886    VOLUME    555539.144  4175964.894  19.62
LOCATION L0000887    VOLUME    555546.156  4175974.865  18.97
LOCATION L0000888    VOLUME    555553.167  4175984.837  18.31
LOCATION L0000889    VOLUME    555560.179  4175994.809  17.66
LOCATION L0000890    VOLUME    555567.190  4176004.781  17.01
LOCATION L0000891    VOLUME    555574.201  4176014.753  16.36
LOCATION L0000892    VOLUME    555581.213  4176024.724  15.70
LOCATION L0000893    VOLUME    555588.224  4176034.696  15.05
** End of LINE VOLUME Source ID = DONS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GALVEZ
** DESCRSRC
** PREFIX
** Length of Side = 24.38
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 3
** 555601.934, 4176034.234, 14.56, 2.00, 11.34
** 555624.473, 4176030.060, 14.20, 2.00, 11.34
** 555734.664, 4175955.765, 12.39, 2.00, 11.34
** -----
LOCATION L0000894    VOLUME    555613.920  4176032.014  14.37
LOCATION L0000895    VOLUME    555635.789  4176022.430  14.01
LOCATION L0000896    VOLUME    555656.003  4176008.801  13.68
LOCATION L0000897    VOLUME    555676.218  4175995.172  13.35
LOCATION L0000898    VOLUME    555696.432  4175981.542  13.02
LOCATION L0000899    VOLUME    555716.647  4175967.913  12.69
** End of LINE VOLUME Source ID = GALVEZ
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESS
** DESCRSRC
** PREFIX
** Length of Side = 12.19

```

```

** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555510.943, 4175906.513, 19.57, 2.00, 5.67
** 555647.847, 4175810.513, 32.11, 2.00, 5.67
** -----
LOCATION L0000900    VOLUME    555515.933 4175903.014 20.03
LOCATION L0000901    VOLUME    555525.914 4175896.015 20.94
LOCATION L0000902    VOLUME    555535.895 4175889.016 21.86
LOCATION L0000903    VOLUME    555545.875 4175882.018 22.77
LOCATION L0000904    VOLUME    555555.856 4175875.019 23.68
LOCATION L0000905    VOLUME    555565.837 4175868.020 24.60
LOCATION L0000906    VOLUME    555575.818 4175861.022 25.51
LOCATION L0000907    VOLUME    555585.798 4175854.023 26.43
LOCATION L0000908    VOLUME    555595.779 4175847.024 27.34
LOCATION L0000909    VOLUME    555605.760 4175840.025 28.25
LOCATION L0000910    VOLUME    555615.740 4175833.027 29.17
LOCATION L0000911    VOLUME    555625.721 4175826.028 30.08
LOCATION L0000912    VOLUME    555635.702 4175819.029 31.00
LOCATION L0000913    VOLUME    555645.683 4175812.031 31.91
** End of LINE VOLUME Source ID = INNESS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HUDSON
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555556.856, 4175974.965, 17.00, 2.00, 4.54
** 555696.264, 4175880.635, 24.77, 2.00, 4.54
** -----
LOCATION L0000914    VOLUME    555560.894 4175972.233 17.23
LOCATION L0000915    VOLUME    555568.969 4175966.769 17.68
LOCATION L0000916    VOLUME    555577.044 4175961.305 18.13
LOCATION L0000917    VOLUME    555585.119 4175955.841 18.58
LOCATION L0000918    VOLUME    555593.194 4175950.377 19.03
LOCATION L0000919    VOLUME    555601.269 4175944.913 19.48
LOCATION L0000920    VOLUME    555609.344 4175939.449 19.93
LOCATION L0000921    VOLUME    555617.419 4175933.985 20.38
LOCATION L0000922    VOLUME    555625.494 4175928.521 20.83
LOCATION L0000923    VOLUME    555633.569 4175923.057 21.28
LOCATION L0000924    VOLUME    555641.645 4175917.593 21.73
LOCATION L0000925    VOLUME    555649.720 4175912.129 22.18
LOCATION L0000926    VOLUME    555657.795 4175906.665 22.63
LOCATION L0000927    VOLUME    555665.870 4175901.201 23.08
LOCATION L0000928    VOLUME    555673.945 4175895.737 23.53
LOCATION L0000929    VOLUME    555682.020 4175890.273 23.98
LOCATION L0000930    VOLUME    555690.095 4175884.809 24.43
** End of LINE VOLUME Source ID = HUDSON
** -----
** Line Source Represented by Adjacent Volume Sources

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```

** LINE VOLUME Source ID = KIRKS
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555411.604, 4175769.609, 32.06, 2.00, 4.54
** 555518.456, 4175696.148, 32.61, 2.00, 4.54
** -----
LOCATION L0000931      VOLUME  555415.621 4175766.847 32.08
LOCATION L0000932      VOLUME  555423.656 4175761.323 32.12
LOCATION L0000933      VOLUME  555431.690 4175755.800 32.16
LOCATION L0000934      VOLUME  555439.724 4175750.276 32.20
LOCATION L0000935      VOLUME  555447.759 4175744.752 32.25
LOCATION L0000936      VOLUME  555455.793 4175739.229 32.29
LOCATION L0000937      VOLUME  555463.828 4175733.705 32.33
LOCATION L0000938      VOLUME  555471.862 4175728.181 32.37
LOCATION L0000939      VOLUME  555479.896 4175722.658 32.41
LOCATION L0000940      VOLUME  555487.931 4175717.134 32.45
LOCATION L0000941      VOLUME  555495.965 4175711.610 32.49
LOCATION L0000942      VOLUME  555504.000 4175706.087 32.54
LOCATION L0000943      VOLUME  555512.034 4175700.563 32.58
** End of LINE VOLUME Source ID = KIRKS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FRIED
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555442.491, 4175752.078, 30.40, 2.00, 4.54
** 555587.743, 4175953.260, 21.52, 2.00, 4.54
** -----
LOCATION L0000944      VOLUME  555445.345 4175756.030 30.23
LOCATION L0000945      VOLUME  555451.052 4175763.935 29.88
LOCATION L0000946      VOLUME  555456.759 4175771.840 29.53
LOCATION L0000947      VOLUME  555462.467 4175779.745 29.18
LOCATION L0000948      VOLUME  555468.174 4175787.650 28.83
LOCATION L0000949      VOLUME  555473.881 4175795.555 28.48
LOCATION L0000950      VOLUME  555479.589 4175803.460 28.13
LOCATION L0000951      VOLUME  555485.296 4175811.365 27.78
LOCATION L0000952      VOLUME  555491.003 4175819.270 27.43
LOCATION L0000953      VOLUME  555496.711 4175827.175 27.09
LOCATION L0000954      VOLUME  555502.418 4175835.080 26.74
LOCATION L0000955      VOLUME  555508.125 4175842.985 26.39
LOCATION L0000956      VOLUME  555513.833 4175850.890 26.04
LOCATION L0000957      VOLUME  555519.540 4175858.795 25.69
LOCATION L0000958      VOLUME  555525.247 4175866.700 25.34
LOCATION L0000959      VOLUME  555530.955 4175874.605 24.99
LOCATION L0000960      VOLUME  555536.662 4175882.510 24.64

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LOCATION	L0000961	VOLUME	555542.369	4175890.415	24.29
LOCATION	L0000962	VOLUME	555548.077	4175898.320	23.94
LOCATION	L0000963	VOLUME	555553.784	4175906.225	23.60
LOCATION	L0000964	VOLUME	555559.492	4175914.130	23.25
LOCATION	L0000965	VOLUME	555565.199	4175922.035	22.90
LOCATION	L0000966	VOLUME	555570.906	4175929.940	22.55
LOCATION	L0000967	VOLUME	555576.614	4175937.845	22.20
LOCATION	L0000968	VOLUME	555582.321	4175945.750	21.85

** End of LINE VOLUME Source ID = FRIED

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = JERR

** DESCRSRC

** PREFIX

** Length of Side = 9.75

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 2

** 555287.767, 4175961.265, 41.61, 2.00, 4.54

** 555450.550, 4175845.229, 30.22, 2.00, 4.54

LOCATION	L0000969	VOLUME	555291.737	4175958.435	41.33
LOCATION	L0000970	VOLUME	555299.676	4175952.776	40.78
LOCATION	L0000971	VOLUME	555307.615	4175947.117	40.22
LOCATION	L0000972	VOLUME	555315.555	4175941.457	39.67
LOCATION	L0000973	VOLUME	555323.494	4175935.798	39.11
LOCATION	L0000974	VOLUME	555331.434	4175930.138	38.55
LOCATION	L0000975	VOLUME	555339.373	4175924.479	38.00
LOCATION	L0000976	VOLUME	555347.312	4175918.820	37.44
LOCATION	L0000977	VOLUME	555355.252	4175913.160	36.89
LOCATION	L0000978	VOLUME	555363.191	4175907.501	36.33
LOCATION	L0000979	VOLUME	555371.130	4175901.841	35.78
LOCATION	L0000980	VOLUME	555379.070	4175896.182	35.22
LOCATION	L0000981	VOLUME	555387.009	4175890.523	34.67
LOCATION	L0000982	VOLUME	555394.949	4175884.863	34.11
LOCATION	L0000983	VOLUME	555402.888	4175879.204	33.55
LOCATION	L0000984	VOLUME	555410.827	4175873.544	33.00
LOCATION	L0000985	VOLUME	555418.767	4175867.885	32.44
LOCATION	L0000986	VOLUME	555426.706	4175862.226	31.89
LOCATION	L0000987	VOLUME	555434.645	4175856.566	31.33
LOCATION	L0000988	VOLUME	555442.585	4175850.907	30.78
LOCATION	L0000989	VOLUME	555450.524	4175845.247	30.22

** End of LINE VOLUME Source ID = JERR

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = NORTH

** DESCRSRC

** PREFIX

** Length of Side = 9.75

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 8

** 554694.670, 4176228.420, 66.09, 2.00, 4.54

** 554735.110, 4176222.643, 63.04, 2.00, 4.54
** 554757.063, 4176203.001, 60.06, 2.00, 4.54
** 554780.171, 4176197.224, 56.43, 2.00, 4.54
** 554837.942, 4176153.318, 48.66, 2.00, 4.54
** 554991.613, 4176148.696, 33.60, 2.00, 4.54
** 555144.128, 4176065.506, 36.75, 2.00, 4.54
** 555281.623, 4175964.985, 41.72, 2.00, 4.54

**

LOCATION	L0000990	VOLUME	554699.496	4176227.731	65.73
LOCATION	L0000991	VOLUME	554709.148	4176226.352	65.00
LOCATION	L0000992	VOLUME	554718.800	4176224.973	64.27
LOCATION	L0000993	VOLUME	554728.452	4176223.594	63.54
LOCATION	L0000994	VOLUME	554737.364	4176220.626	62.73
LOCATION	L0000995	VOLUME	554744.630	4176214.125	61.75
LOCATION	L0000996	VOLUME	554751.896	4176207.624	60.76
LOCATION	L0000997	VOLUME	554759.796	4176202.318	59.63
LOCATION	L0000998	VOLUME	554769.255	4176199.953	58.14
LOCATION	L0000999	VOLUME	554778.714	4176197.588	56.66
LOCATION	L0001000	VOLUME	554786.738	4176192.233	55.55
LOCATION	L0001001	VOLUME	554794.500	4176186.334	54.50
LOCATION	L0001002	VOLUME	554802.263	4176180.434	53.46
LOCATION	L0001003	VOLUME	554810.025	4176174.535	52.41
LOCATION	L0001004	VOLUME	554817.788	4176168.635	51.37
LOCATION	L0001005	VOLUME	554825.550	4176162.736	50.33
LOCATION	L0001006	VOLUME	554833.313	4176156.836	49.28
LOCATION	L0001007	VOLUME	554841.876	4176153.200	48.27
LOCATION	L0001008	VOLUME	554851.622	4176152.907	47.32
LOCATION	L0001009	VOLUME	554861.367	4176152.613	46.36
LOCATION	L0001010	VOLUME	554871.113	4176152.320	45.41
LOCATION	L0001011	VOLUME	554880.859	4176152.027	44.45
LOCATION	L0001012	VOLUME	554890.604	4176151.734	43.50
LOCATION	L0001013	VOLUME	554900.350	4176151.441	42.54
LOCATION	L0001014	VOLUME	554910.095	4176151.148	41.59
LOCATION	L0001015	VOLUME	554919.841	4176150.855	40.63
LOCATION	L0001016	VOLUME	554929.586	4176150.562	39.68
LOCATION	L0001017	VOLUME	554939.332	4176150.268	38.72
LOCATION	L0001018	VOLUME	554949.078	4176149.975	37.77
LOCATION	L0001019	VOLUME	554958.823	4176149.682	36.81
LOCATION	L0001020	VOLUME	554968.569	4176149.389	35.86
LOCATION	L0001021	VOLUME	554978.314	4176149.096	34.90
LOCATION	L0001022	VOLUME	554988.060	4176148.803	33.95
LOCATION	L0001023	VOLUME	554997.052	4176145.729	33.71
LOCATION	L0001024	VOLUME	555005.611	4176141.060	33.89
LOCATION	L0001025	VOLUME	555014.171	4176136.392	34.07
LOCATION	L0001026	VOLUME	555022.730	4176131.723	34.24
LOCATION	L0001027	VOLUME	555031.290	4176127.054	34.42
LOCATION	L0001028	VOLUME	555039.849	4176122.385	34.60
LOCATION	L0001029	VOLUME	555048.409	4176117.716	34.77
LOCATION	L0001030	VOLUME	555056.968	4176113.048	34.95
LOCATION	L0001031	VOLUME	555065.528	4176108.379	35.13
LOCATION	L0001032	VOLUME	555074.087	4176103.710	35.30
LOCATION	L0001033	VOLUME	555082.647	4176099.041	35.48
LOCATION	L0001034	VOLUME	555091.206	4176094.372	35.66
LOCATION	L0001035	VOLUME	555099.766	4176089.704	35.83
LOCATION	L0001036	VOLUME	555108.325	4176085.035	36.01
LOCATION	L0001037	VOLUME	555116.885	4176080.366	36.19
LOCATION	L0001038	VOLUME	555125.444	4176075.697	36.36

LOCATION	L0001039	VOLUME	555134.004	4176071.028	36.54
LOCATION	L0001040	VOLUME	555142.563	4176066.360	36.72
LOCATION	L0001041	VOLUME	555150.560	4176060.804	36.98
LOCATION	L0001042	VOLUME	555158.431	4176055.049	37.27
LOCATION	L0001043	VOLUME	555166.302	4176049.295	37.55
LOCATION	L0001044	VOLUME	555174.172	4176043.541	37.84
LOCATION	L0001045	VOLUME	555182.043	4176037.787	38.12
LOCATION	L0001046	VOLUME	555189.914	4176032.032	38.41
LOCATION	L0001047	VOLUME	555197.785	4176026.278	38.69
LOCATION	L0001048	VOLUME	555205.656	4176020.524	38.97
LOCATION	L0001049	VOLUME	555213.527	4176014.769	39.26
LOCATION	L0001050	VOLUME	555221.398	4176009.015	39.54
LOCATION	L0001051	VOLUME	555229.269	4176003.261	39.83
LOCATION	L0001052	VOLUME	555237.139	4175997.506	40.11
LOCATION	L0001053	VOLUME	555245.010	4175991.752	40.40
LOCATION	L0001054	VOLUME	555252.881	4175985.998	40.68
LOCATION	L0001055	VOLUME	555260.752	4175980.244	40.97
LOCATION	L0001056	VOLUME	555268.623	4175974.489	41.25
LOCATION	L0001057	VOLUME	555276.494	4175968.735	41.53

** End of LINE VOLUME Source ID = NORTH

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = EARLS

** DESCRSRC

** PREFIX

** Length of Side = 9.75

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 2

** 555286.540, 4175961.335, 41.69, 2.00, 4.54

** 555238.289, 4175894.990, 50.09, 2.00, 4.54

** -----

LOCATION	L0001058	VOLUME	555283.673	4175957.392	42.19
LOCATION	L0001059	VOLUME	555277.938	4175949.507	43.19
LOCATION	L0001060	VOLUME	555272.203	4175941.622	44.19
LOCATION	L0001061	VOLUME	555266.469	4175933.737	45.18
LOCATION	L0001062	VOLUME	555260.734	4175925.852	46.18
LOCATION	L0001063	VOLUME	555254.999	4175917.967	47.18
LOCATION	L0001064	VOLUME	555249.265	4175910.081	48.18
LOCATION	L0001065	VOLUME	555243.530	4175902.196	49.18

** End of LINE VOLUME Source ID = EARLS

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = KIRKN

** DESCRSRC

** PREFIX

** Length of Side = 9.75

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 4.00

** SZINIT = 2.30

** Nodes = 9

** 554675.912, 4176161.117, 70.08, 2.00, 4.54

** 554690.813, 4176153.312, 69.81, 2.00, 4.54

** 554751.837, 4176088.740, 67.23, 2.00, 4.54

** 554789.445, 4176063.905, 64.12, 2.00, 4.54
** 554851.888, 4176043.327, 58.54, 2.00, 4.54
** 554893.043, 4176043.327, 57.02, 2.00, 4.54
** 554966.840, 4176058.228, 52.57, 2.00, 4.54
** 555012.253, 4176048.294, 51.68, 2.00, 4.54
** 555234.351, 4175895.025, 50.12, 2.00, 4.54

** -----
LOCATION L0001066 VOLUME 554680.230 4176158.855 70.00
LOCATION L0001067 VOLUME 554688.867 4176154.331 69.85
LOCATION L0001068 VOLUME 554696.001 4176147.822 69.59
LOCATION L0001069 VOLUME 554702.698 4176140.736 69.31
LOCATION L0001070 VOLUME 554709.395 4176133.650 69.02
LOCATION L0001071 VOLUME 554716.092 4176126.563 68.74
LOCATION L0001072 VOLUME 554722.789 4176119.477 68.46
LOCATION L0001073 VOLUME 554729.486 4176112.391 68.17
LOCATION L0001074 VOLUME 554736.182 4176105.305 67.89
LOCATION L0001075 VOLUME 554742.879 4176098.219 67.61
LOCATION L0001076 VOLUME 554749.576 4176091.132 67.33
LOCATION L0001077 VOLUME 554757.226 4176085.181 66.78
LOCATION L0001078 VOLUME 554765.362 4176079.808 66.11
LOCATION L0001079 VOLUME 554773.499 4176074.435 65.44
LOCATION L0001080 VOLUME 554781.635 4176069.063 64.77
LOCATION L0001081 VOLUME 554789.816 4176063.783 64.09
LOCATION L0001082 VOLUME 554799.076 4176060.731 63.26
LOCATION L0001083 VOLUME 554808.336 4176057.680 62.43
LOCATION L0001084 VOLUME 554817.596 4176054.628 61.60
LOCATION L0001085 VOLUME 554826.856 4176051.576 60.78
LOCATION L0001086 VOLUME 554836.116 4176048.525 59.95
LOCATION L0001087 VOLUME 554845.376 4176045.473 59.12
LOCATION L0001088 VOLUME 554854.782 4176043.327 58.43
LOCATION L0001089 VOLUME 554864.532 4176043.327 58.07
LOCATION L0001090 VOLUME 554874.282 4176043.327 57.71
LOCATION L0001091 VOLUME 554884.032 4176043.327 57.35
LOCATION L0001092 VOLUME 554893.767 4176043.473 56.98
LOCATION L0001093 VOLUME 554903.324 4176045.403 56.40
LOCATION L0001094 VOLUME 554912.882 4176047.333 55.82
LOCATION L0001095 VOLUME 554922.439 4176049.263 55.25
LOCATION L0001096 VOLUME 554931.996 4176051.192 54.67
LOCATION L0001097 VOLUME 554941.553 4176053.122 54.09
LOCATION L0001098 VOLUME 554951.110 4176055.052 53.52
LOCATION L0001099 VOLUME 554960.667 4176056.982 52.94
LOCATION L0001100 VOLUME 554970.213 4176057.490 52.50
LOCATION L0001101 VOLUME 554979.738 4176055.407 52.32
LOCATION L0001102 VOLUME 554989.262 4176053.323 52.13
LOCATION L0001103 VOLUME 554998.787 4176051.240 51.94
LOCATION L0001104 VOLUME 555008.312 4176049.156 51.76
LOCATION L0001105 VOLUME 555016.957 4176045.048 51.65
LOCATION L0001106 VOLUME 555024.982 4176039.510 51.59
LOCATION L0001107 VOLUME 555033.007 4176033.972 51.53
LOCATION L0001108 VOLUME 555041.031 4176028.434 51.48
LOCATION L0001109 VOLUME 555049.056 4176022.896 51.42
LOCATION L0001110 VOLUME 555057.081 4176017.359 51.37
LOCATION L0001111 VOLUME 555065.105 4176011.821 51.31
LOCATION L0001112 VOLUME 555073.130 4176006.283 51.25
LOCATION L0001113 VOLUME 555081.155 4176000.745 51.20
LOCATION L0001114 VOLUME 555089.179 4175995.207 51.14
LOCATION L0001115 VOLUME 555097.204 4175989.670 51.08

LOCATION	L0001116	VOLUME	555105.229	4175984.132	51.03
LOCATION	L0001117	VOLUME	555113.253	4175978.594	50.97
LOCATION	L0001118	VOLUME	555121.278	4175973.056	50.91
LOCATION	L0001119	VOLUME	555129.303	4175967.518	50.86
LOCATION	L0001120	VOLUME	555137.327	4175961.981	50.80
LOCATION	L0001121	VOLUME	555145.352	4175956.443	50.75
LOCATION	L0001122	VOLUME	555153.377	4175950.905	50.69
LOCATION	L0001123	VOLUME	555161.401	4175945.367	50.63
LOCATION	L0001124	VOLUME	555169.426	4175939.829	50.58
LOCATION	L0001125	VOLUME	555177.451	4175934.292	50.52
LOCATION	L0001126	VOLUME	555185.475	4175928.754	50.46
LOCATION	L0001127	VOLUME	555193.500	4175923.216	50.41
LOCATION	L0001128	VOLUME	555201.525	4175917.678	50.35
LOCATION	L0001129	VOLUME	555209.549	4175912.141	50.29
LOCATION	L0001130	VOLUME	555217.574	4175906.603	50.24
LOCATION	L0001131	VOLUME	555225.599	4175901.065	50.18
LOCATION	L0001132	VOLUME	555233.623	4175895.527	50.13

** End of LINE VOLUME Source ID = KIRKN
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INGALLS
** DESCRSRC
** PREFIX
** Length of Side = 10.97
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 7
** 554671.654, 4176163.956, 70.05, 2.00, 5.10
** 554685.561, 4176197.232, 69.11, 2.00, 5.10
** 554691.523, 4176234.235, 65.57, 2.00, 5.10
** 554669.053, 4176313.322, 53.70, 2.00, 5.10
** 554643.824, 4176384.119, 42.72, 2.00, 5.10
** 554637.579, 4176439.343, 35.20, 2.00, 5.10
** 554682.511, 4176495.884, 31.77, 2.00, 5.10
** -----

LOCATION	L0001133	VOLUME	554673.769	4176169.017	69.91
LOCATION	L0001134	VOLUME	554677.999	4176179.138	69.62
LOCATION	L0001135	VOLUME	554682.229	4176189.260	69.34
LOCATION	L0001136	VOLUME	554685.932	4176199.532	68.89
LOCATION	L0001137	VOLUME	554687.677	4176210.362	67.85
LOCATION	L0001138	VOLUME	554689.422	4176221.193	66.82
LOCATION	L0001139	VOLUME	554691.167	4176232.023	65.78
LOCATION	L0001140	VOLUME	554689.137	4176242.632	64.31
LOCATION	L0001141	VOLUME	554686.139	4176253.185	62.73
LOCATION	L0001142	VOLUME	554683.141	4176263.737	61.14
LOCATION	L0001143	VOLUME	554680.143	4176274.289	59.56
LOCATION	L0001144	VOLUME	554677.145	4176284.842	57.97
LOCATION	L0001145	VOLUME	554674.147	4176295.394	56.39
LOCATION	L0001146	VOLUME	554671.149	4176305.946	54.81
LOCATION	L0001147	VOLUME	554667.944	4176316.433	53.22
LOCATION	L0001148	VOLUME	554664.262	4176326.766	51.61
LOCATION	L0001149	VOLUME	554660.580	4176337.100	50.01
LOCATION	L0001150	VOLUME	554656.897	4176347.433	48.41
LOCATION	L0001151	VOLUME	554653.215	4176357.767	46.81
LOCATION	L0001152	VOLUME	554649.532	4176368.100	45.20

LOCATION	L0001153	VOLUME	554645.850	4176378.434	43.60
LOCATION	L0001154	VOLUME	554643.270	4176389.022	42.05
LOCATION	L0001155	VOLUME	554642.037	4176399.923	40.57
LOCATION	L0001156	VOLUME	554640.804	4176410.823	39.08
LOCATION	L0001157	VOLUME	554639.571	4176421.724	37.60
LOCATION	L0001158	VOLUME	554638.339	4176432.624	36.11
LOCATION	L0001159	VOLUME	554640.197	4176442.638	35.00
LOCATION	L0001160	VOLUME	554647.022	4176451.226	34.48
LOCATION	L0001161	VOLUME	554653.847	4176459.815	33.96
LOCATION	L0001162	VOLUME	554660.672	4176468.403	33.44
LOCATION	L0001163	VOLUME	554667.497	4176476.991	32.92
LOCATION	L0001164	VOLUME	554674.322	4176485.580	32.40
LOCATION	L0001165	VOLUME	554681.147	4176494.168	31.87
** End of LINE VOLUME Source ID = INGALLS					
** -----					
** Source Parameters **					
SRCPARAM	EMGEN1	1.0	22.641	739.817	45.30000 0.183
SRCPARAM	EMGEN2	1.0	23.860	739.817	45.30000 0.183
SRCPARAM	EMGEN3	1.0	5.572	739.817	45.30000 0.183
SRCPARAM	EMGEN4	1.0	24.774	739.817	45.30000 0.183
SRCPARAM	EMGEN5	1.0	22.641	739.817	45.30000 0.183
SRCPARAM	EMGEN6	1.0	23.860	739.817	45.30000 0.183
SRCPARAM	EMGEN7	1.0	5.572	739.817	45.30000 0.183
SRCPARAM	EMGEN8	1.0	24.774	739.817	45.30000 0.183
** LINE VOLUME Source ID = INNESN					
SRCPARAM	L0000001	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000002	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000003	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000004	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000005	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000006	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000007	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000008	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000009	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000010	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000011	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000012	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000013	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000014	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000015	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000016	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000017	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000018	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000019	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000020	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000021	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000022	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000023	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000024	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000025	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000026	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000027	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000028	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000029	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000030	0.0135135135	2.00	6.24	2.30

SRCPARAM	L0000031	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000032	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000033	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000034	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000035	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000036	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000037	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000038	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000039	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000040	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000041	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000042	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000043	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000044	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000045	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000046	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000047	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000048	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000049	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000050	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000051	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000052	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000053	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000054	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000055	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000056	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000057	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000058	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000059	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000060	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000061	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000062	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000063	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000064	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000065	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000066	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000067	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000068	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000069	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000070	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000071	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000072	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000073	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000074	0.0135135135	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = HAWES					
SRCPARAM	L0000688	0.25	2.00	8.51	2.30
SRCPARAM	L0000689	0.25	2.00	8.51	2.30
SRCPARAM	L0000690	0.25	2.00	8.51	2.30
SRCPARAM	L0000691	0.25	2.00	8.51	2.30
** -----					
** LINE VOLUME Source ID = HUNT					
SRCPARAM	L0000692	0.03125	2.00	6.24	2.30
SRCPARAM	L0000693	0.03125	2.00	6.24	2.30
SRCPARAM	L0000694	0.03125	2.00	6.24	2.30
SRCPARAM	L0000695	0.03125	2.00	6.24	2.30
SRCPARAM	L0000696	0.03125	2.00	6.24	2.30

SRCPARAM	L0000697	0.03125	2.00	6.24	2.30
SRCPARAM	L0000698	0.03125	2.00	6.24	2.30
SRCPARAM	L0000699	0.03125	2.00	6.24	2.30
SRCPARAM	L0000700	0.03125	2.00	6.24	2.30
SRCPARAM	L0000701	0.03125	2.00	6.24	2.30
SRCPARAM	L0000702	0.03125	2.00	6.24	2.30
SRCPARAM	L0000703	0.03125	2.00	6.24	2.30
SRCPARAM	L0000704	0.03125	2.00	6.24	2.30
SRCPARAM	L0000705	0.03125	2.00	6.24	2.30
SRCPARAM	L0000706	0.03125	2.00	6.24	2.30
SRCPARAM	L0000707	0.03125	2.00	6.24	2.30
SRCPARAM	L0000708	0.03125	2.00	6.24	2.30
SRCPARAM	L0000709	0.03125	2.00	6.24	2.30
SRCPARAM	L0000710	0.03125	2.00	6.24	2.30
SRCPARAM	L0000711	0.03125	2.00	6.24	2.30
SRCPARAM	L0000712	0.03125	2.00	6.24	2.30
SRCPARAM	L0000713	0.03125	2.00	6.24	2.30
SRCPARAM	L0000714	0.03125	2.00	6.24	2.30
SRCPARAM	L0000715	0.03125	2.00	6.24	2.30
SRCPARAM	L0000716	0.03125	2.00	6.24	2.30
SRCPARAM	L0000717	0.03125	2.00	6.24	2.30
SRCPARAM	L0000718	0.03125	2.00	6.24	2.30
SRCPARAM	L0000719	0.03125	2.00	6.24	2.30
SRCPARAM	L0000720	0.03125	2.00	6.24	2.30
SRCPARAM	L0000721	0.03125	2.00	6.24	2.30
SRCPARAM	L0000722	0.03125	2.00	6.24	2.30
SRCPARAM	L0000723	0.03125	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = EVANS					
SRCPARAM	L0000724	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000725	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000726	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000727	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000728	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000729	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000730	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000731	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000732	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000733	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000734	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000735	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000736	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000737	0.0714285714	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = JENN					
SRCPARAM	L0000738	0.125	2.00	5.95	2.30
SRCPARAM	L0000739	0.125	2.00	5.95	2.30
SRCPARAM	L0000740	0.125	2.00	5.95	2.30
SRCPARAM	L0000741	0.125	2.00	5.95	2.30
SRCPARAM	L0000742	0.125	2.00	5.95	2.30
SRCPARAM	L0000743	0.125	2.00	5.95	2.30
SRCPARAM	L0000744	0.125	2.00	5.95	2.30
SRCPARAM	L0000745	0.125	2.00	5.95	2.30
** -----					
** LINE VOLUME Source ID = MIDDLE					
SRCPARAM	L0000746	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000747	0.0344827586	2.00	4.82	2.30

SRCPARAM	L0000748	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000749	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000750	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000751	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000752	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000753	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000754	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000755	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000756	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000757	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000758	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000759	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000760	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000761	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000762	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000763	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000764	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000765	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000766	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000767	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000768	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000769	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000770	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000771	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000772	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000773	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000774	0.0344827586	2.00	4.82	2.30
** -----					
** LINE VOLUME Source ID = GRIFF					
SRCPARAM	L0000775	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000776	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000777	0.3333333333	2.00	3.69	2.30
** -----					
** LINE VOLUME Source ID = NHUD					
SRCPARAM	L0000778	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000779	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000780	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000781	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000782	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000783	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000784	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000785	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000786	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000787	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000788	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000789	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000790	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000791	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000792	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000793	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000794	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000795	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000796	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000797	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000798	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000799	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000800	0.023255814	2.00	4.96	2.30

SRCPARAM	L0000801	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000802	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000803	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000804	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000805	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000806	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000807	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000808	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000809	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000810	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000811	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000812	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000813	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000814	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000815	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000816	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000817	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000818	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000819	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000820	0.023255814	2.00	4.96	2.30
** -----					
** LINE VOLUME Source ID = ARELI					
SRCPARAM	L0000821	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000822	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000823	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000824	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000825	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000826	0.1666666667	2.00	5.67	2.30
** -----					
** LINE VOLUME Source ID = EARLN					
SRCPARAM	L0000827	0.025	2.00	3.97	2.30
SRCPARAM	L0000828	0.025	2.00	3.97	2.30
SRCPARAM	L0000829	0.025	2.00	3.97	2.30
SRCPARAM	L0000830	0.025	2.00	3.97	2.30
SRCPARAM	L0000831	0.025	2.00	3.97	2.30
SRCPARAM	L0000832	0.025	2.00	3.97	2.30
SRCPARAM	L0000833	0.025	2.00	3.97	2.30
SRCPARAM	L0000834	0.025	2.00	3.97	2.30
SRCPARAM	L0000835	0.025	2.00	3.97	2.30
SRCPARAM	L0000836	0.025	2.00	3.97	2.30
SRCPARAM	L0000837	0.025	2.00	3.97	2.30
SRCPARAM	L0000838	0.025	2.00	3.97	2.30
SRCPARAM	L0000839	0.025	2.00	3.97	2.30
SRCPARAM	L0000840	0.025	2.00	3.97	2.30
SRCPARAM	L0000841	0.025	2.00	3.97	2.30
SRCPARAM	L0000842	0.025	2.00	3.97	2.30
SRCPARAM	L0000843	0.025	2.00	3.97	2.30
SRCPARAM	L0000844	0.025	2.00	3.97	2.30
SRCPARAM	L0000845	0.025	2.00	3.97	2.30
SRCPARAM	L0000846	0.025	2.00	3.97	2.30
SRCPARAM	L0000847	0.025	2.00	3.97	2.30
SRCPARAM	L0000848	0.025	2.00	3.97	2.30
SRCPARAM	L0000849	0.025	2.00	3.97	2.30
SRCPARAM	L0000850	0.025	2.00	3.97	2.30
SRCPARAM	L0000851	0.025	2.00	3.97	2.30
SRCPARAM	L0000852	0.025	2.00	3.97	2.30
SRCPARAM	L0000853	0.025	2.00	3.97	2.30

SRCPARAM	L0000854	0.025	2.00	3.97	2.30
SRCPARAM	L0000855	0.025	2.00	3.97	2.30
SRCPARAM	L0000856	0.025	2.00	3.97	2.30
SRCPARAM	L0000857	0.025	2.00	3.97	2.30
SRCPARAM	L0000858	0.025	2.00	3.97	2.30
SRCPARAM	L0000859	0.025	2.00	3.97	2.30
SRCPARAM	L0000860	0.025	2.00	3.97	2.30
SRCPARAM	L0000861	0.025	2.00	3.97	2.30
SRCPARAM	L0000862	0.025	2.00	3.97	2.30
SRCPARAM	L0000863	0.025	2.00	3.97	2.30
SRCPARAM	L0000864	0.025	2.00	3.97	2.30
SRCPARAM	L0000865	0.025	2.00	3.97	2.30
SRCPARAM	L0000866	0.025	2.00	3.97	2.30
** -----					
** LINE VOLUME Source ID = DONS					
SRCPARAM	L0000867	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000868	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000869	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000870	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000871	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000872	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000873	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000874	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000875	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000876	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000877	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000878	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000879	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000880	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000881	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000882	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000883	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000884	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000885	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000886	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000887	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000888	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000889	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000890	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000891	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000892	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000893	0.037037037	2.00	5.67	2.30
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** LINE VOLUME Source ID = GALVEZ					
SRCPARAM	L0000894	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000895	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000896	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000897	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000898	0.166666667	2.00	11.34	2.30
SRCPARAM	L0000899	0.166666667	2.00	11.34	2.30
** -----					
** LINE VOLUME Source ID = INNESS					
SRCPARAM	L0000900	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000901	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000902	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000903	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000904	0.0714285714	2.00	5.67	2.30

SRCPARAM	L0000905	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000906	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000907	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000908	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000909	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000910	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000911	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000912	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000913	0.0714285714	2.00	5.67	2.30
** -----					
**	LINE VOLUME Source ID = HUDSON				
SRCPARAM	L0000914	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000915	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000916	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000917	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000918	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000919	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000920	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000921	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000922	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000923	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000924	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000925	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000926	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000927	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000928	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000929	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000930	0.0588235294	2.00	4.54	2.30
** -----					
**	LINE VOLUME Source ID = KIRKS				
SRCPARAM	L0000931	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000932	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000933	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000934	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000935	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000936	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000937	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000938	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000939	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000940	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000941	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000942	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000943	0.0769230769	2.00	4.54	2.30
** -----					
**	LINE VOLUME Source ID = FRIED				
SRCPARAM	L0000944	0.04	2.00	4.54	2.30
SRCPARAM	L0000945	0.04	2.00	4.54	2.30
SRCPARAM	L0000946	0.04	2.00	4.54	2.30
SRCPARAM	L0000947	0.04	2.00	4.54	2.30
SRCPARAM	L0000948	0.04	2.00	4.54	2.30
SRCPARAM	L0000949	0.04	2.00	4.54	2.30
SRCPARAM	L0000950	0.04	2.00	4.54	2.30
SRCPARAM	L0000951	0.04	2.00	4.54	2.30
SRCPARAM	L0000952	0.04	2.00	4.54	2.30
SRCPARAM	L0000953	0.04	2.00	4.54	2.30
SRCPARAM	L0000954	0.04	2.00	4.54	2.30
SRCPARAM	L0000955	0.04	2.00	4.54	2.30

SRCPARAM	L0000956	0.04	2.00	4.54	2.30
SRCPARAM	L0000957	0.04	2.00	4.54	2.30
SRCPARAM	L0000958	0.04	2.00	4.54	2.30
SRCPARAM	L0000959	0.04	2.00	4.54	2.30
SRCPARAM	L0000960	0.04	2.00	4.54	2.30
SRCPARAM	L0000961	0.04	2.00	4.54	2.30
SRCPARAM	L0000962	0.04	2.00	4.54	2.30
SRCPARAM	L0000963	0.04	2.00	4.54	2.30
SRCPARAM	L0000964	0.04	2.00	4.54	2.30
SRCPARAM	L0000965	0.04	2.00	4.54	2.30
SRCPARAM	L0000966	0.04	2.00	4.54	2.30
SRCPARAM	L0000967	0.04	2.00	4.54	2.30
SRCPARAM	L0000968	0.04	2.00	4.54	2.30
** -----					
** LINE VOLUME Source ID = JERR					
SRCPARAM	L0000969	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000970	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000971	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000972	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000973	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000974	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000975	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000976	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000977	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000978	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000979	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000980	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000981	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000982	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000983	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000984	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000985	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000986	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000987	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000988	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000989	0.0476190476	2.00	4.54	2.30
** -----					
** LINE VOLUME Source ID = NORTH					
SRCPARAM	L0000990	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000991	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000992	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000993	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000994	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000995	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000996	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000997	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000998	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000999	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001000	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001001	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001002	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001003	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001004	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001005	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001006	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001007	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001008	0.0147058824	2.00	4.54	2.30

SRCPARAM	L0001009	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001010	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001011	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001012	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001013	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001014	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001015	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001016	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001017	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001018	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001019	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001020	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001021	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001022	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001023	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001024	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001025	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001026	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001027	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001028	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001029	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001030	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001031	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001032	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001033	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001034	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001035	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001036	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001037	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001038	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001039	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001040	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001041	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001042	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001043	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001044	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001045	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001046	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001047	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001048	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001049	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001050	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001051	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001052	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001053	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001054	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001055	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001056	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001057	0.0147058824	2.00	4.54	2.30
** -----					
** LINE VOLUME Source ID = EARLS					
SRCPARAM	L0001058	0.125	2.00	4.54	2.30
SRCPARAM	L0001059	0.125	2.00	4.54	2.30
SRCPARAM	L0001060	0.125	2.00	4.54	2.30
SRCPARAM	L0001061	0.125	2.00	4.54	2.30
SRCPARAM	L0001062	0.125	2.00	4.54	2.30
SRCPARAM	L0001063	0.125	2.00	4.54	2.30

	SRCPARAM L0001064	0.125	2.00	4.54	2.30
	SRCPARAM L0001065	0.125	2.00	4.54	2.30

**					
**	LINE VOLUME Source ID = KIRKN				
	SRCPARAM L0001066	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001067	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001068	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001069	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001070	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001071	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001072	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001073	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001074	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001075	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001076	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001077	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001078	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001079	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001080	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001081	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001082	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001083	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001084	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001085	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001086	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001087	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001088	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001089	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001090	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001091	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001092	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001093	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001094	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001095	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001096	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001097	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001098	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001099	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001100	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001101	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001102	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001103	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001104	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001105	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001106	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001107	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001108	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001109	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001110	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001111	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001112	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001113	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001114	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001115	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001116	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001117	0.0149253731	2.00	4.54	2.30
	SRCPARAM L0001118	0.0149253731	2.00	4.54	2.30

SRCPARAM	L0001119	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001120	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001121	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001122	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001123	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001124	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001125	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001126	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001127	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001128	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001129	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001130	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001131	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001132	0.0149253731	2.00	4.54	2.30		
**							
** LINE VOLUME Source ID = INGALLS							
SRCPARAM	L0001133	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001134	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001135	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001136	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001137	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001138	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001139	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001140	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001141	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001142	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001143	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001144	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001145	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001146	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001147	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001148	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001149	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001150	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001151	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001152	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001153	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001154	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001155	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001156	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001157	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001158	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001159	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001160	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001161	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001162	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001163	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001164	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001165	0.0303030303	2.00	5.10	2.30		
**							
** Building Downwash **							
BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72

BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN3	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	44.20	44.20	22.86	22.86	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	21.64	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	44.20	44.20	22.86	22.86	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08

BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	123.48	124.12	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN3	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	40.38	41.57	95.46	104.51	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	123.48	124.12	120.98	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN7	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.67	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	40.38	41.57	95.46	104.51	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11

BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	54.10	69.02	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN3	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	44.12	43.79	114.17	103.89	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	37.32	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN7	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	121.85	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	44.12	43.79	114.17	103.89	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
XBADJ	EMGEN1	-47.54	-51.45	-53.79	-22.12	-13.00	-6.06
XBADJ	EMGEN1	1.06	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	-5.05	1.09	2.02	-75.82	-76.85	-75.55
XBADJ	EMGEN1	-71.96	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-72.53	-93.15	-97.43	-98.75	-97.06	-92.43

XBADJ	EMGEN2	-87.96	-1.41	-0.95	-6.88	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-51.59	53.24	58.63	61.71	62.92	62.22
XBADJ	EMGEN2	58.16	-56.93	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-15.23	5.19
XBADJ	EMGEN3	21.51	29.70	34.22	31.28	27.38	76.63
XBADJ	EMGEN3	17.25	11.31	5.03	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-75.23	-79.55
XBADJ	EMGEN3	-85.09	-88.04	-88.32	-100.29	-110.89	-118.12
XBADJ	EMGEN4	-75.36	-74.08	-16.67	-64.87	-22.50	-24.79
XBADJ	EMGEN4	-228.73	-229.48	-223.26	-210.26	-24.39	-21.95
XBADJ	EMGEN4	-19.49	-21.01	-21.89	31.75	35.04	37.26
XBADJ	EMGEN4	38.35	38.28	-13.68	16.99	-9.46	-7.28
XBADJ	EMGEN4	-4.88	-2.33	0.29	2.90	3.70	2.27
XBADJ	EMGEN4	0.75	-2.23	-5.13	-65.65	-71.08	-74.35
XBADJ	EMGEN5	-47.75	-51.40	-53.49	-21.57	-12.22	-5.08
XBADJ	EMGEN5	2.22	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	-4.84	1.05	1.72	-76.37	-77.63	-76.54
XBADJ	EMGEN5	-73.12	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-74.39	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-2.15	-1.38	-6.99	-12.38	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-49.72	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-56.19	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-87.54	4.16
XBADJ	EMGEN7	20.69	29.11	33.88	31.20	27.58	77.08
XBADJ	EMGEN7	17.94	12.23	6.14	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-208.19	-78.52
XBADJ	EMGEN7	-84.27	-87.46	-87.99	-100.22	-111.08	-118.57
XBADJ	EMGEN8	-76.93	-75.78	-18.46	-66.68	-24.28	-26.49
XBADJ	EMGEN8	-230.29	-230.86	-224.42	-211.16	-25.01	-22.26
XBADJ	EMGEN8	-19.49	-20.69	-21.27	32.66	36.20	38.65
XBADJ	EMGEN8	39.92	39.98	-11.90	18.80	-7.68	-5.58
XBADJ	EMGEN8	-3.31	-0.95	1.45	3.80	4.32	2.58
XBADJ	EMGEN8	0.74	-2.55	-5.76	-66.56	-72.25	-75.74
YBADJ	EMGEN1	36.12	32.94	28.76	-33.87	-30.37	-25.95
YBADJ	EMGEN1	-19.22	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	-36.12	-32.94	-28.76	33.87	30.37	25.95
YBADJ	EMGEN1	19.22	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-27.63	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-22.67	-16.82	-10.47	-42.39	-33.02

YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	27.63	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	22.67	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-66.50	-61.48
YBADJ	EMGEN3	-56.53	-48.75	-37.11	-24.34	-10.82	-33.00
YBADJ	EMGEN3	16.76	30.00	42.37	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	66.50	61.48
YBADJ	EMGEN3	56.53	48.75	37.11	24.34	10.82	33.00
YBADJ	EMGEN4	0.45	-9.15	10.47	-9.60	9.39	8.38
YBADJ	EMGEN4	23.52	-12.78	-21.70	-50.93	0.36	-1.50
YBADJ	EMGEN4	-4.09	-6.52	-8.76	-28.03	-19.33	-10.04
YBADJ	EMGEN4	-0.45	9.15	-10.47	9.60	-9.39	-8.38
YBADJ	EMGEN4	-7.11	-5.63	-3.97	-2.20	-0.36	1.50
YBADJ	EMGEN4	4.09	6.52	8.76	28.03	19.33	10.04
YBADJ	EMGEN5	34.66	31.47	27.32	-35.24	-31.62	-27.04
YBADJ	EMGEN5	-20.14	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	-34.66	-31.47	-27.32	35.24	31.62	27.04
YBADJ	EMGEN5	20.14	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94
YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-27.52	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-24.39	-18.64	-12.33	-5.65	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	27.52	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	24.39	21.43	0.49	-20.48	34.81
YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-62.60
YBADJ	EMGEN7	-57.80	-50.15	-38.59	-25.85	-12.33	-34.45
YBADJ	EMGEN7	15.41	28.79	41.34	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	44.50	62.60
YBADJ	EMGEN7	57.80	50.15	38.59	25.85	12.33	34.45
YBADJ	EMGEN8	1.35	-8.54	10.78	-9.60	9.07	7.76
YBADJ	EMGEN8	22.61	-13.95	-23.09	-52.50	-1.35	-3.28
YBADJ	EMGEN8	-5.90	-8.30	-10.46	-29.60	-20.71	-11.21
YBADJ	EMGEN8	-1.35	8.54	-10.78	9.60	-9.07	-7.76
YBADJ	EMGEN8	-6.20	-4.46	-2.58	-0.63	1.35	3.28
YBADJ	EMGEN8	5.90	8.30	10.46	29.60	20.71	11.20
SRCGROUP	EMGEN1	EMGEN1					
SRCGROUP	EMGEN2	EMGEN2					
SRCGROUP	EMGEN3	EMGEN3					
SRCGROUP	EMGEN4	EMGEN4					
SRCGROUP	EMGEN5	EMGEN5					
SRCGROUP	EMGEN6	EMGEN6					
SRCGROUP	EMGEN7	EMGEN7					
SRCGROUP	EMGEN8	EMGEN8					
SRCGROUP	INNEN	L0000001 L0000002 L0000003 L0000004 L0000005 L0000006					
SRCGROUP	INNEN	L0000007 L0000008 L0000009 L0000010 L0000011 L0000012					
SRCGROUP	INNEN	L0000013 L0000014 L0000015 L0000016 L0000017 L0000018					

SRCGROUP	INNEN	L0000019	L0000020	L0000021	L0000022	L0000023	L0000024
SRCGROUP	INNEN	L0000025	L0000026	L0000027	L0000028	L0000029	L0000030
SRCGROUP	INNEN	L0000031	L0000032	L0000033	L0000034	L0000035	L0000036
SRCGROUP	INNEN	L0000037	L0000038	L0000039	L0000040	L0000041	L0000042
SRCGROUP	INNEN	L0000043	L0000044	L0000045	L0000046	L0000047	L0000048
SRCGROUP	INNEN	L0000049	L0000050	L0000051	L0000052	L0000053	L0000054
SRCGROUP	INNEN	L0000055	L0000056	L0000057	L0000058	L0000059	L0000060
SRCGROUP	INNEN	L0000061	L0000062	L0000063	L0000064	L0000065	L0000066
SRCGROUP	INNEN	L0000067	L0000068	L0000069	L0000070	L0000071	L0000072
SRCGROUP	INNEN	L0000073	L0000074				
SRCGROUP	HAWES	L0000688	L0000689	L0000690	L0000691		
SRCGROUP	HUNT	L0000692	L0000693	L0000694	L0000695	L0000696	L0000697
SRCGROUP	HUNT	L0000698	L0000699	L0000700	L0000701	L0000702	L0000703
SRCGROUP	HUNT	L0000704	L0000705	L0000706	L0000707	L0000708	L0000709
SRCGROUP	HUNT	L0000710	L0000711	L0000712	L0000713	L0000714	L0000715
SRCGROUP	HUNT	L0000716	L0000717	L0000718	L0000719	L0000720	L0000721
SRCGROUP	HUNT	L0000722	L0000723				
SRCGROUP	EVANS	L0000724	L0000725	L0000726	L0000727	L0000728	L0000729
SRCGROUP	EVANS	L0000730	L0000731	L0000732	L0000733	L0000734	L0000735
SRCGROUP	EVANS	L0000736	L0000737				
SRCGROUP	JENN	L0000738	L0000739	L0000740	L0000741	L0000742	L0000743
SRCGROUP	JENN	L0000744	L0000745				
SRCGROUP	MIDDLE	L0000746	L0000747	L0000748	L0000749	L0000750	L0000751
SRCGROUP	MIDDLE	L0000752	L0000753	L0000754	L0000755	L0000756	L0000757
SRCGROUP	MIDDLE	L0000758	L0000759	L0000760	L0000761	L0000762	L0000763
SRCGROUP	MIDDLE	L0000764	L0000765	L0000766	L0000767	L0000768	L0000769
SRCGROUP	MIDDLE	L0000770	L0000771	L0000772	L0000773	L0000774	
SRCGROUP	GRIFF	L0000775	L0000776	L0000777			
SRCGROUP	NHUD	L0000778	L0000779	L0000780	L0000781	L0000782	L0000783
SRCGROUP	NHUD	L0000784	L0000785	L0000786	L0000787	L0000788	L0000789
SRCGROUP	NHUD	L0000790	L0000791	L0000792	L0000793	L0000794	L0000795
SRCGROUP	NHUD	L0000796	L0000797	L0000798	L0000799	L0000800	L0000801
SRCGROUP	NHUD	L0000802	L0000803	L0000804	L0000805	L0000806	L0000807
SRCGROUP	NHUD	L0000808	L0000809	L0000810	L0000811	L0000812	L0000813
SRCGROUP	NHUD	L0000814	L0000815	L0000816	L0000817	L0000818	L0000819
SRCGROUP	NHUD	L0000820					
SRCGROUP	ARELI	L0000821	L0000822	L0000823	L0000824	L0000825	L0000826
SRCGROUP	EARLN	L0000827	L0000828	L0000829	L0000830	L0000831	L0000832
SRCGROUP	EARLN	L0000833	L0000834	L0000835	L0000836	L0000837	L0000838
SRCGROUP	EARLN	L0000839	L0000840	L0000841	L0000842	L0000843	L0000844
SRCGROUP	EARLN	L0000845	L0000846	L0000847	L0000848	L0000849	L0000850
SRCGROUP	EARLN	L0000851	L0000852	L0000853	L0000854	L0000855	L0000856
SRCGROUP	EARLN	L0000857	L0000858	L0000859	L0000860	L0000861	L0000862
SRCGROUP	EARLN	L0000863	L0000864	L0000865	L0000866		
SRCGROUP	DONS	L0000867	L0000868	L0000869	L0000870	L0000871	L0000872
SRCGROUP	DONS	L0000873	L0000874	L0000875	L0000876	L0000877	L0000878
SRCGROUP	DONS	L0000879	L0000880	L0000881	L0000882	L0000883	L0000884
SRCGROUP	DONS	L0000885	L0000886	L0000887	L0000888	L0000889	L0000890
SRCGROUP	DONS	L0000891	L0000892	L0000893			
SRCGROUP	GALVEZ	L0000894	L0000895	L0000896	L0000897	L0000898	L0000899
SRCGROUP	INNESS	L0000900	L0000901	L0000902	L0000903	L0000904	L0000905
SRCGROUP	INNESS	L0000906	L0000907	L0000908	L0000909	L0000910	L0000911
SRCGROUP	INNESS	L0000912	L0000913				
SRCGROUP	HUDSON	L0000914	L0000915	L0000916	L0000917	L0000918	L0000919
SRCGROUP	HUDSON	L0000920	L0000921	L0000922	L0000923	L0000924	L0000925
SRCGROUP	HUDSON	L0000926	L0000927	L0000928	L0000929	L0000930	
SRCGROUP	KIRKS	L0000931	L0000932	L0000933	L0000934	L0000935	L0000936

SRCGROUP	KIRKS	L0000937	L0000938	L0000939	L0000940	L0000941	L0000942
SRCGROUP	KIRKS	L0000943					
SRCGROUP	FRIED	L0000944	L0000945	L0000946	L0000947	L0000948	L0000949
SRCGROUP	FRIED	L0000950	L0000951	L0000952	L0000953	L0000954	L0000955
SRCGROUP	FRIED	L0000956	L0000957	L0000958	L0000959	L0000960	L0000961
SRCGROUP	FRIED	L0000962	L0000963	L0000964	L0000965	L0000966	L0000967
SRCGROUP	FRIED	L0000968					
SRCGROUP	JERR	L0000969	L0000970	L0000971	L0000972	L0000973	L0000974
SRCGROUP	JERR	L0000975	L0000976	L0000977	L0000978	L0000979	L0000980
SRCGROUP	JERR	L0000981	L0000982	L0000983	L0000984	L0000985	L0000986
SRCGROUP	JERR	L0000987	L0000988	L0000989			
SRCGROUP	NORTH	L0000990	L0000991	L0000992	L0000993	L0000994	L0000995
SRCGROUP	NORTH	L0000996	L0000997	L0000998	L0000999	L0001000	L0001001
SRCGROUP	NORTH	L0001002	L0001003	L0001004	L0001005	L0001006	L0001007
SRCGROUP	NORTH	L0001008	L0001009	L0001010	L0001011	L0001012	L0001013
SRCGROUP	NORTH	L0001014	L0001015	L0001016	L0001017	L0001018	L0001019
SRCGROUP	NORTH	L0001020	L0001021	L0001022	L0001023	L0001024	L0001025
SRCGROUP	NORTH	L0001026	L0001027	L0001028	L0001029	L0001030	L0001031
SRCGROUP	NORTH	L0001032	L0001033	L0001034	L0001035	L0001036	L0001037
SRCGROUP	NORTH	L0001038	L0001039	L0001040	L0001041	L0001042	L0001043
SRCGROUP	NORTH	L0001044	L0001045	L0001046	L0001047	L0001048	L0001049
SRCGROUP	NORTH	L0001050	L0001051	L0001052	L0001053	L0001054	L0001055
SRCGROUP	NORTH	L0001056	L0001057				
SRCGROUP	EARLS	L0001058	L0001059	L0001060	L0001061	L0001062	L0001063
SRCGROUP	EARLS	L0001064	L0001065				
SRCGROUP	KIRKN	L0001066	L0001067	L0001068	L0001069	L0001070	L0001071
SRCGROUP	KIRKN	L0001072	L0001073	L0001074	L0001075	L0001076	L0001077
SRCGROUP	KIRKN	L0001078	L0001079	L0001080	L0001081	L0001082	L0001083
SRCGROUP	KIRKN	L0001084	L0001085	L0001086	L0001087	L0001088	L0001089
SRCGROUP	KIRKN	L0001090	L0001091	L0001092	L0001093	L0001094	L0001095
SRCGROUP	KIRKN	L0001096	L0001097	L0001098	L0001099	L0001100	L0001101
SRCGROUP	KIRKN	L0001102	L0001103	L0001104	L0001105	L0001106	L0001107
SRCGROUP	KIRKN	L0001108	L0001109	L0001110	L0001111	L0001112	L0001113
SRCGROUP	KIRKN	L0001114	L0001115	L0001116	L0001117	L0001118	L0001119
SRCGROUP	KIRKN	L0001120	L0001121	L0001122	L0001123	L0001124	L0001125
SRCGROUP	KIRKN	L0001126	L0001127	L0001128	L0001129	L0001130	L0001131
SRCGROUP	KIRKN	L0001132					
SRCGROUP	INGALLS	L0001133	L0001134	L0001135	L0001136	L0001137	L0001138
SRCGROUP	INGALLS	L0001139	L0001140	L0001141	L0001142	L0001143	L0001144
SRCGROUP	INGALLS	L0001145	L0001146	L0001147	L0001148	L0001149	L0001150
SRCGROUP	INGALLS	L0001151	L0001152	L0001153	L0001154	L0001155	L0001156
SRCGROUP	INGALLS	L0001157	L0001158	L0001159	L0001160	L0001161	L0001162
SRCGROUP	INGALLS	L0001163	L0001164	L0001165			

SO FINISHED

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** AERMOD Receptor Pathway

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RE STARTING

INCLUDED PRECON.ROU

RE FINISHED

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** AERMOD Meteorology Pathway

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ME STARTING

SURFFILE mission_bay_2008.SFC

PROFFILE mission_bay_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

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** AERMOD Output Pathway

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OU STARTING

OU RECTABLE ALLAVE 1

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PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2_1hr_OpsEV.PLT

PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3_1hr_OpsEV.PLT

PLOTFILE 1 EMGEN4 1ST Plots\EMGEN4_1hr_OpsEV.PLT

PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5_1hr_OpsEV.PLT

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PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7_1hr_OpsEV.PLT

PLOTFILE 1 EMGEN8 1ST Plots\EMGEN8_1hr_OpsEV.PLT

PLOTFILE 1 INNESN 1ST Plots\INNESN_1hr_OpsEV.PLT

PLOTFILE 1 HAWES 1ST Plots\HAWES_1hr_OpsEV.PLT

PLOTFILE 1 HUNT 1ST Plots\HUNT_1hr_OpsEV.PLT

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PLOTFILE 1 JENN 1ST Plots\JENN_1hr_OpsEV.PLT

PLOTFILE 1 MIDDLE 1ST Plots\MIDDLE_1hr_OpsEV.PLT

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PLOTFILE PERIOD EMGEN2 Plots\EMGEN2_Ann_OpsEV.PLT

PLOTFILE PERIOD EMGEN3 Plots\EMGEN3_Ann_OpsEV.PLT

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PLOTFILE PERIOD EMGEN5 Plots\EMGEN5_Ann_OpsEV.PLT

PLOTFILE PERIOD EMGEN6 Plots\EMGEN6_Ann_OpsEV.PLT

PLOTFILE PERIOD EMGEN7 Plots\EMGEN7_Ann_OpsEV.PLT

PLOTFILE PERIOD EMGEN8 Plots\EMGEN8_Ann_OpsEV.PLT

PLOTFILE PERIOD INNESN Plots\INNESN_Ann_OpsEV.PLT

PLOTFILE PERIOD HAWES Plots\HAWES_Ann_OpsEV.PLT

PLOTFILE PERIOD HUNT Plots\HUNT_Ann_OpsEV.PLT

File: P:\AQES\Projects\PDD\IndiaBasin\400 - Technical (TECH)\430 Technical Areas
s\436 HRA\AERMOD\Operations_ExistRec\Variant\OperationsEV.INP 1/9/2017, 6:15:28

PLOTFILE PERIOD EVANS Plots\EVANS_Ann_OpsEV.PLT
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PLOTFILE PERIOD KIRKN Plots\KIRKN_Ann_OpsEV.PLT
PLOTFILE PERIOD INGALLS Plots\INGALLS_Ann_OpsEV.PLT

OU FINISHED

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** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 10
** ZONEINX 0
**

GRADE	0	0	9901 DieselExhPM	1	15.46	0	1
Phase1C1	0	0	9901 DieselExhPM	1	2.0116	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.6687	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.1516	0	1
Phase1C4	0	0	9901 DieselExhPM	1	0.7272	0	1
Phase1C5	0	0	9901 DieselExhPM	1	0.6914	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.417	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.2261	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.2167	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.1697	0	1
CONST	0	0	9901 DieselExhPM	1	68.62	0	1
CONST	0	0	75070 Acetaldehyde	1	0.04312	0	1
CONST	0	0	71432 Benzene	1	0.38038	0	1
CONST	0	0	106990 1,3-Butadiene	1	0.0847	0	1
CONST	0	0	100414 Ethyl benzene	1	0.1617	0	1
CONST	0	0	50000 Formaldehyde	1	0.24332	0	1
CONST	0	0	91203 Naphthalene	1	0.0077	0	1

GRADE	0	0	9901 DieselExhPM	1	15.46	0	1
Phase1C1	0	0	9901 DieselExhPM	1	1.6744	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.3719	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.1302	0	1
Phase1C4	0	0	9901 DieselExhPM	1	1.1415	0	1
Phase1C5	0	0	9901 DieselExhPM	1	1.4363	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.1941	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.186	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.1457	0	1
CONST	0	0	9901 DieselExhPM	1	68.62	0	1
CONST	0	0	75070 Acetaldehyde	1	0.04312	0	1
CONST	0	0	71432 Benzene	1	0.38038	0	1
CONST	0	0	106990 1,3-Butadiene	1	0.0847	0	1
CONST	0	0	100414 Ethyl benzene	1	0.1617	0	1
CONST	0	0	50000 Formaldehyde	1	0.24332	0	1
CONST	0	0	91203 Naphthalene	1	0.0077	0	1

GRADE	0	0	9901 DieselExhPM	1	5.18	0	1
Phase1C1	0	0	9901 DieselExhPM	1	5.4175	0	1
Phase1C2	0	0	9901 DieselExhPM	1	1.8008	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.4084	0	1
Phase1C4	0	0	9901 DieselExhPM	1	1.9585	0	1
Phase1C5	0	0	9901 DieselExhPM	1	1.8621	0	1
Phase1C6	0	0	9901 DieselExhPM	1	1.1231	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.6089	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.5837	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.457	0	1
RPD1	0	0	9901 DieselExhPM	1	18.7523	0	1
PILE	0	0	9901 DieselExhPM	1	0.559	0	1
CONST	0	0	9901 DieselExhPM	1	86.22	0	1
CONST	0	0	75070 Acetaldehyde	1	3.111976	0	1
CONST	0	0	71432 Benzene	1	27.45207	0	1
CONST	0	0	106990 1,3-Butadiene	1	6.11281	0	1
CONST	0	0	100414 Ethyl benzene	1	11.66991	0	1
CONST	0	0	50000 Formaldehyde	1	17.56044	0	1
CONST	0	0	91203 Naphthalene	1	0.55571	0	1

GRADE	0	0	9901 DieselExhPM	1	5.18	0	1
Phase1C1	0	0	9901 DieselExhPM	1	4.5285	0	1
Phase1C2	0	0	9901 DieselExhPM	1	1.0058	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.352	0	1
Phase1C4	0	0	9901 DieselExhPM	1	3.0873	0	1
Phase1C5	0	0	9901 DieselExhPM	1	3.8845	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.5248	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.5031	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.3939	0	1
RPD1	0	0	9901 DieselExhPM	1	18.7523	0	1
PILE	0	0	9901 DieselExhPM	1	0.559	0	1
CONST	0	0	9901 DieselExhPM	1	97.42	0	1
CONST	0	0	75070 Acetaldehyde	1	2.144464	0	1
CONST	0	0	71432 Benzene	1	18.91724	0	1
CONST	0	0	106990 1,3-Butadiene	1	4.21234	0	1
CONST	0	0	100414 Ethyl benzene	1	8.04174	0	1
CONST	0	0	50000 Formaldehyde	1	12.1009	0	1
CONST	0	0	91203 Naphthalene	1	0.38294	0	1

Phase1C1	0	0	9901 DieselExhPM	1	5.2499	0	1
Phase1C2	0	0	9901 DieselExhPM	1	1.7451	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.3958	0	1
Phase1C4	0	0	9901 DieselExhPM	1	1.8979	0	1
Phase1C5	0	0	9901 DieselExhPM	1	1.8045	0	1
Phase1C6	0	0	9901 DieselExhPM	1	1.0884	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.59	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.5656	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.4429	0	1
BIGGRN	0	0	9901 DieselExhPM	1	6.5	0	1
SHORE	0	0	9901 DieselExhPM	1	3.4517	0	1
RPD2	0	0	9901 DieselExhPM	1	13.92	0	1
PILE	0	0	9901 DieselExhPM	1	2.5374	0	1
Phase2C1	0	0	9901 DieselExhPM	1	0.3453	0	1
Phase2C2	0	0	9901 DieselExhPM	1	0.2202	0	1
Phase2C3	0	0	9901 DieselExhPM	1	0.8285	0	1
Phase2C4	0	0	9901 DieselExhPM	1	0.2761	0	1
Phase2C5	0	0	9901 DieselExhPM	1	0.3236	0	1
Phase2C6	0	0	9901 DieselExhPM	1	0.2888	0	1
Phase2C7	0	0	9901 DieselExhPM	1	0.5775	0	1
CONST	0	0	9901 DieselExhPM	1	39.24	0	1
CONST	0	0	75070 Acetaldehyde	1	2.708944	0	1
CONST	0	0	71432 Benzene	1	23.89676	0	1
CONST	0	0	106990 1,3-Butadiene	1	5.32114	0	1
CONST	0	0	100414 Ethyl benzene	1	10.15854	0	1
CONST	0	0	50000 Formaldehyde	1	15.28618	0	1
CONST	0	0	91203 Naphthalene	1	0.48374	0	1

Phase1C1	0	0	9901 DieselExhPM	1	4.0908	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.9086	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.318	0	1
Phase1C4	0	0	9901 DieselExhPM	1	2.7889	0	1
Phase1C5	0	0	9901 DieselExhPM	1	3.5091	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.4741	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.4545	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.3559	0	1
BIGGRN	0	0	9901 DieselExhPM	1	6.5	0	1
SHORE	0	0	9901 DieselExhPM	1	3.4517	0	1
RPD2	0	0	9901 DieselExhPM	1	13.92	0	1
PILE	0	0	9901 DieselExhPM	1	2.5374	0	1
Phase2C1	0	0	9901 DieselExhPM	1	0.3453	0	1
Phase2C2	0	0	9901 DieselExhPM	1	0.2202	0	1
Phase2C3	0	0	9901 DieselExhPM	1	0.8285	0	1
Phase2C4	0	0	9901 DieselExhPM	1	0.2761	0	1
Phase2C5	0	0	9901 DieselExhPM	1	0.3236	0	1
Phase2C6	0	0	9901 DieselExhPM	1	0.2888	0	1
Phase2C7	0	0	9901 DieselExhPM	1	0.5775	0	1
CONST	0	0	9901 DieselExhPM	1	44.04	0	1
CONST	0	0	75070 Acetaldehyde	1	1.815856	0	1
CONST	0	0	71432 Benzene	1	16.01844	0	1
CONST	0	0	106990 1,3-Butadiene	1	3.56686	0	1
CONST	0	0	100414 Ethyl benzene	1	6.80946	0	1
CONST	0	0	50000 Formaldehyde	1	10.24662	0	1
CONST	0	0	91203 Naphthalene	1	0.32426	0	1

Phase1C1	0	0	9901 DieselExhPM	1	0.0381	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.0127	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.0029	0	1
Phase1C4	0	0	9901 DieselExhPM	1	0.0138	0	1
Phase1C5	0	0	9901 DieselExhPM	1	0.0131	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.0079	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.0043	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.0041	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.0032	0	1
BIGGRN	0	0	9901 DieselExhPM	1	3.34	0	1
SHORE	0	0	9901 DieselExhPM	1	8.9552	0	1
Phase2C1	0	0	9901 DieselExhPM	1	1.6973	0	1
Phase2C2	0	0	9901 DieselExhPM	1	1.0826	0	1
Phase2C3	0	0	9901 DieselExhPM	1	4.0728	0	1
Phase2C4	0	0	9901 DieselExhPM	1	1.3576	0	1
Phase2C5	0	0	9901 DieselExhPM	1	1.5910	0	1
Phase2C6	0	0	9901 DieselExhPM	1	1.4196	0	1
Phase2C7	0	0	9901 DieselExhPM	1	2.8390	0	1
BEACH	0	0	9901 DieselExhPM	1	1.8400	0	1
EMGEN1	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
CONST	0	0	9901 DieselExhPM	1	5.2	0	1
CONST	0	0	75070 Acetaldehyde	1	1.177904	0	1
CONST	0	0	71432 Benzene	1	10.3908	0	1
CONST	0	0	106990 1,3-Butadiene	1	2.31374	0	1
CONST	0	0	100414 Ethyl benzene	1	4.41714	0	1
CONST	0	0	50000 Formaldehyde	1	6.646744	0	1
CONST	0	0	91203 Naphthalene	1	0.21034	0	1

Phase1C1	0	0	9901 DieselExhPM	1	0.0317	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.007	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.0025	0	1
Phase1C4	0	0	9901 DieselExhPM	1	0.0216	0	1
Phase1C5	0	0	9901 DieselExhPM	1	0.0272	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.0037	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.0035	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.0028	0	1
BIGGRN	0	0	9901 DieselExhPM	1	3.34	0	1
SHORE	0	0	9901 DieselExhPM	1	8.9552	0	1
Phase2C1	0	0	9901 DieselExhPM	1	1.6973	0	1
Phase2C2	0	0	9901 DieselExhPM	1	1.0826	0	1
Phase2C3	0	0	9901 DieselExhPM	1	4.0728	0	1
Phase2C4	0	0	9901 DieselExhPM	1	1.3576	0	1
Phase2C5	0	0	9901 DieselExhPM	1	1.591	0	1
Phase2C6	0	0	9901 DieselExhPM	1	1.4196	0	1
Phase2C7	0	0	9901 DieselExhPM	1	2.839	0	1
BEACH	0	0	9901 DieselExhPM	1	1.8400	0	1
EMGEN1	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
CONST	0	0	9901 DieselExhPM	1	5.2800	0	1
CONST	0	0	75070 Acetaldehyde	1	1.173592	0	1
CONST	0	0	71432 Benzene	1	10.35276	0	1
CONST	0	0	106990 1,3-Butadiene	1	2.30527	0	1
CONST	0	0	100414 Ethyl benzene	1	4.40097	0	1
CONST	0	0	50000 Formaldehyde	1	6.622412	0	1
CONST	0	0	91203 Naphthalene	1	0.20957	0	1

Phase2C1	0	0	9901 DieselExhPM	1	1.1831	0	1
Phase2C2	0	0	9901 DieselExhPM	1	0.7546	0	1
Phase2C3	0	0	9901 DieselExhPM	1	2.8388	0	1
Phase2C4	0	0	9901 DieselExhPM	1	0.9462	0	1
Phase2C5	0	0	9901 DieselExhPM	1	1.1089	0	1
Phase2C6	0	0	9901 DieselExhPM	1	0.9895	0	1
Phase2C7	0	0	9901 DieselExhPM	1	1.9788	0	1
BEACH	0	0	9901 DieselExhPM	1	8.68	0	1
EMGEN1	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
CONST	0	0	9901 DieselExhPM	1	2.74	0	1
CONST	0	0	75070 Acetaldehyde	1	0.693112	0	1
CONST	0	0	71432 Benzene	1	6.114238	0	1
CONST	0	0	106990 1,3-Butadiene	1	1.36147	0	1
CONST	0	0	100414 Ethyl benzene	1	2.59917	0	1
CONST	0	0	50000 Formaldehyde	1	3.911132	0	1
CONST	0	0	91203 Naphthalene	1	0.12377	0	1

Phase2C1	0	0	9901 DieselExhPM	1	1.1831	0
Phase2C2	0	0	9901 DieselExhPM	1	0.7546	0
Phase2C3	0	0	9901 DieselExhPM	1	2.8388	0
Phase2C4	0	0	9901 DieselExhPM	1	0.9462	0
Phase2C5	0	0	9901 DieselExhPM	1	1.1089	0
Phase2C6	0	0	9901 DieselExhPM	1	0.9895	0
Phase2C7	0	0	9901 DieselExhPM	1	1.9788	0
BEACH	0	0	9901 DieselExhPM	1	8.68	0
EMGEN1	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN2	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0
EMGEN5	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN6	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0
CONST	0	0	9901 DieselExhPM	1	2.78	0
CONST	0	0	75070 Acetaldehyde	1	0.697032	0
CONST	0	0	71432 Benzene	1	6.148818	0
CONST	0	0	106990 1,3-Butadiene	1	1.36917	0
CONST	0	0	100414 Ethyl benzene	1	2.61387	0
CONST	0	0	50000 Formaldehyde	1	3.933252	0
CONST	0	0	91203 Naphthalene	1	0.12447	0

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EMGEN1	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN4	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN8	0	0	9901 DieselExhPM	1	0.3621	0	1
INNEN	0	0	9901 DieselExhPM	1	0.59423	0	1
HUNT	0	0	9901 DieselExhPM	1	0.349156	0	1
EVANS	0	0	9901 DieselExhPM	1	0.152756	0	1
GRIFF	0	0	9901 DieselExhPM	1	0.123798	0	1
NHUD	0	0	9901 DieselExhPM	1	0.22319	0	1
ARELI	0	0	9901 DieselExhPM	1	0.256792	0	1
EARLN	0	0	9901 DieselExhPM	1	0.22319	0	1
DONS	0	0	9901 DieselExhPM	1	0.004468	0	1
GALVEZ	0	0	9901 DieselExhPM	1	0.000993	0	1
INNESS	0	0	9901 DieselExhPM	1	0.002317	0	1
HUDSON	0	0	9901 DieselExhPM	1	0.002813	0	1
KIRKS	0	0	9901 DieselExhPM	1	0.002151	0	1
FRIED	0	0	9901 DieselExhPM	1	0.004137	0	1
JERR	0	0	9901 DieselExhPM	1	0.00331	0	1
NORTH	0	0	9901 DieselExhPM	1	0.011254	0	1
EARLS	0	0	9901 DieselExhPM	1	0.001324	0	1
KIRKN	0	0	9901 DieselExhPM	1	0.011088	0	1
INGALLS	0	0	9901 DieselExhPM	1	0.005461	0	1
JENN	0	0	9901 DieselExhPM	1	0.004245	0	1
MIDDLE	0	0	9901 DieselExhPM	1	0.004799	0	1
HAWES	0	0	9901 DieselExhPM	1	0	0	1
INNEN	0	0	75070 Acetaldehyde	1	0.823311	0	1
INNEN	0	0	71432 Benzene	1	7.262778	0	1
INNEN	0	0	106990 1,3-Butadiene	1	1.617218	0	1
INNEN	0	0	100414 Ethyl benzene	1	3.087416	0	1
INNEN	0	0	50000 Formaldehyde	1	4.645825	0	1
INNEN	0	0	91203 Naphthalene	1	0.14702	0	1
HUNT	0	0	75070 Acetaldehyde	1	0.483759	0	1
HUNT	0	0	71432 Benzene	1	4.267446	0	1
HUNT	0	0	106990 1,3-Butadiene	1	0.950241	0	1
HUNT	0	0	100414 Ethyl benzene	1	1.814096	0	1
HUNT	0	0	50000 Formaldehyde	1	2.729783	0	1
HUNT	0	0	91203 Naphthalene	1	0.086386	0	1
EVANS	0	0	75070 Acetaldehyde	1	0.211645	0	1
EVANS	0	0	71432 Benzene	1	1.867008	0	1
EVANS	0	0	106990 1,3-Butadiene	1	0.41573	0	1
EVANS	0	0	100414 Ethyl benzene	1	0.793667	0	1
EVANS	0	0	50000 Formaldehyde	1	1.19428	0	1
EVANS	0	0	91203 Naphthalene	1	0.037794	0	1

GRIFF	0	0	75070 Acetaldehyde	1	0.171523	0	1
GRIFF	0	0	71432 Benzene	1	1.513079	0	1
GRIFF	0	0	106990 1,3-Butadiene	1	0.33692	0	1
GRIFF	0	0	100414 Ethyl benzene	1	0.643212	0	1
GRIFF	0	0	50000 Formaldehyde	1	0.96788	0	1
GRIFF	0	0	91203 Naphthalene	1	0.030629	0	1
NHUD	0	0	75070 Acetaldehyde	1	0.309232	0	1
NHUD	0	0	71432 Benzene	1	2.727865	0	1
NHUD	0	0	106990 1,3-Butadiene	1	0.607419	0	1
NHUD	0	0	100414 Ethyl benzene	1	1.159619	0	1
NHUD	0	0	50000 Formaldehyde	1	1.74495	0	1
NHUD	0	0	91203 Naphthalene	1	0.05522	0	1
ARELI	0	0	75070 Acetaldehyde	1	0.355788	0	1
ARELI	0	0	71432 Benzene	1	3.138557	0	1
ARELI	0	0	106990 1,3-Butadiene	1	0.698869	0	1
ARELI	0	0	100414 Ethyl benzene	1	1.334205	0	1
ARELI	0	0	50000 Formaldehyde	1	2.00766	0	1
ARELI	0	0	91203 Naphthalene	1	0.063534	0	1
EARLN	0	0	75070 Acetaldehyde	1	0.309232	0	1
EARLN	0	0	71432 Benzene	1	2.727865	0	1
EARLN	0	0	106990 1,3-Butadiene	1	0.607419	0	1
EARLN	0	0	100414 Ethyl benzene	1	1.159619	0	1
EARLN	0	0	50000 Formaldehyde	1	1.74495	0	1
EARLN	0	0	91203 Naphthalene	1	0.05522	0	1
DONS	0	0	75070 Acetaldehyde	1	0.006191	0	1
DONS	0	0	71432 Benzene	1	0.054614	0	1
DONS	0	0	106990 1,3-Butadiene	1	0.012161	0	1
DONS	0	0	100414 Ethyl benzene	1	0.023216	0	1
DONS	0	0	50000 Formaldehyde	1	0.034935	0	1
DONS	0	0	91203 Naphthalene	1	0.001106	0	1
GALVEZ	0	0	75070 Acetaldehyde	1	0.001376	0	1
GALVEZ	0	0	71432 Benzene	1	0.012136	0	1
GALVEZ	0	0	106990 1,3-Butadiene	1	0.002702	0	1
GALVEZ	0	0	100414 Ethyl benzene	1	0.005159	0	1
GALVEZ	0	0	50000 Formaldehyde	1	0.007763	0	1
GALVEZ	0	0	91203 Naphthalene	1	0.000246	0	1
INNESS	0	0	75070 Acetaldehyde	1	0.00321	0	1
INNESS	0	0	71432 Benzene	1	0.028318	0	1
INNESS	0	0	106990 1,3-Butadiene	1	0.006306	0	1
INNESS	0	0	100414 Ethyl benzene	1	0.012038	0	1
INNESS	0	0	50000 Formaldehyde	1	0.018114	0	1
INNESS	0	0	91203 Naphthalene	1	0.000573	0	1
HUDSON	0	0	75070 Acetaldehyde	1	0.003898	0	1
HUDSON	0	0	71432 Benzene	1	0.034386	0	1
HUDSON	0	0	106990 1,3-Butadiene	1	0.007657	0	1
HUDSON	0	0	100414 Ethyl benzene	1	0.014618	0	1
HUDSON	0	0	50000 Formaldehyde	1	0.021996	0	1

HUDSON	0	0	91203 Naphthalene	1	0.000696	0	1
KIRKS	0	0	75070 Acetaldehyde	1	0.002981	0	1
KIRKS	0	0	71432 Benzene	1	0.026295	0	1
KIRKS	0	0	106990 1,3-Butadiene	1	0.005855	0	1
KIRKS	0	0	100414 Ethyl benzene	1	0.011178	0	1
KIRKS	0	0	50000 Formaldehyde	1	0.016821	0	1
KIRKS	0	0	91203 Naphthalene	1	0.000532	0	1
FRIED	0	0	75070 Acetaldehyde	1	0.005732	0	1
FRIED	0	0	71432 Benzene	1	0.050568	0	1
FRIED	0	0	106990 1,3-Butadiene	1	0.01126	0	1
FRIED	0	0	100414 Ethyl benzene	1	0.021497	0	1
FRIED	0	0	50000 Formaldehyde	1	0.032347	0	1
FRIED	0	0	91203 Naphthalene	1	0.001024	0	1
JERR	0	0	75070 Acetaldehyde	1	0.004586	0	1
JERR	0	0	71432 Benzene	1	0.040455	0	1
JERR	0	0	106990 1,3-Butadiene	1	0.009008	0	1
JERR	0	0	100414 Ethyl benzene	1	0.017197	0	1
JERR	0	0	50000 Formaldehyde	1	0.025878	0	1
JERR	0	0	91203 Naphthalene	1	0.000819	0	1
NORTH	0	0	75070 Acetaldehyde	1	0.015592	0	1
NORTH	0	0	71432 Benzene	1	0.137545	0	1
NORTH	0	0	106990 1,3-Butadiene	1	0.030628	0	1
NORTH	0	0	100414 Ethyl benzene	1	0.058471	0	1
NORTH	0	0	50000 Formaldehyde	1	0.087985	0	1
NORTH	0	0	91203 Naphthalene	1	0.002784	0	1
EARLS	0	0	75070 Acetaldehyde	1	0.001834	0	1
EARLS	0	0	71432 Benzene	1	0.016182	0	1
EARLS	0	0	106990 1,3-Butadiene	1	0.003603	0	1
EARLS	0	0	100414 Ethyl benzene	1	0.006879	0	1
EARLS	0	0	50000 Formaldehyde	1	0.010351	0	1
EARLS	0	0	91203 Naphthalene	1	0.000328	0	1
KIRKN	0	0	75070 Acetaldehyde	1	0.015363	0	1
KIRKN	0	0	71432 Benzene	1	0.135523	0	1
KIRKN	0	0	106990 1,3-Butadiene	1	0.030177	0	1
KIRKN	0	0	100414 Ethyl benzene	1	0.057611	0	1
KIRKN	0	0	50000 Formaldehyde	1	0.086691	0	1
KIRKN	0	0	91203 Naphthalene	1	0.002743	0	1
INGALLS	0	0	75070 Acetaldehyde	1	0.007567	0	1
INGALLS	0	0	71432 Benzene	1	0.06675	0	1
INGALLS	0	0	106990 1,3-Butadiene	1	0.014863	0	1
INGALLS	0	0	100414 Ethyl benzene	1	0.028375	0	1
INGALLS	0	0	50000 Formaldehyde	1	0.042698	0	1
INGALLS	0	0	91203 Naphthalene	1	0.001351	0	1
JENN	0	0	75070 Acetaldehyde	1	0.005881	0	1
JENN	0	0	71432 Benzene	1	0.051877	0	1
JENN	0	0	106990 1,3-Butadiene	1	0.011552	0	1
JENN	0	0	100414 Ethyl benzene	1	0.022053	0	1

JENN	0	0	50000 Formaldehyde	1	0.033184	0	1
JENN	0	0	91203 Naphthalene	1	0.00105	0	1
MIDDLE	0	0	75070 Acetaldehyde	1	0.00665	0	1
MIDDLE	0	0	71432 Benzene	1	0.058659	0	1
MIDDLE	0	0	106990 1,3-Butadiene	1	0.013062	0	1
MIDDLE	0	0	100414 Ethyl benzene	1	0.024936	0	1
MIDDLE	0	0	50000 Formaldehyde	1	0.037523	0	1
MIDDLE	0	0	91203 Naphthalene	1	0.001187	0	1
HAWES	0	0	75070 Acetaldehyde	1	0	0	1
HAWES	0	0	71432 Benzene	1	0	0	1
HAWES	0	0	106990 1,3-Butadiene	1	0	0	1
HAWES	0	0	100414 Ethyl benzene	1	0	0	1
HAWES	0	0	50000 Formaldehyde	1	0	0	1
HAWES	0	0	91203 Naphthalene	1	0	0	1

EMGEN1	0	0	9901 DieselExhPM	1	0.724	0
EMGEN2	0	0	9901 DieselExhPM	1	0.724	0
EMGEN3	0	0	9901 DieselExhPM	1	0.362	0
EMGEN4	0	0	9901 DieselExhPM	1	0.362	0
EMGEN5	0	0	9901 DieselExhPM	1	0.724	0
EMGEN6	0	0	9901 DieselExhPM	1	0.724	0
EMGEN7	0	0	9901 DieselExhPM	1	0.362	0
EMGEN8	0	0	9901 DieselExhPM	1	0.362	0
INNEN	0	0	9901 DieselExhPM	1	1.104658	0
HUNT	0	0	9901 DieselExhPM	1	0.649941	0
EVANS	0	0	9901 DieselExhPM	1	0.005135	0
GRIFF	0	0	9901 DieselExhPM	1	0.003992	0
NHUD	0	0	9901 DieselExhPM	1	0.41971	0
ARELI	0	0	9901 DieselExhPM	1	0.478321	0
EARLN	0	0	9901 DieselExhPM	1	0.41971	0
DONS	0	0	9901 DieselExhPM	1	0.01136	0
GALVEZ	0	0	9901 DieselExhPM	1	0.002525	0
INNESS	0	0	9901 DieselExhPM	1	0.005891	0
HUDSON	0	0	9901 DieselExhPM	1	0.007153	0
KIRKS	0	0	9901 DieselExhPM	1	0.00547	0
FRIED	0	0	9901 DieselExhPM	1	0.010519	0
JERR	0	0	9901 DieselExhPM	1	0.008415	0
NORTH	0	0	9901 DieselExhPM	1	0.028611	0
EARLS	0	0	9901 DieselExhPM	1	0.003366	0
KIRKN	0	0	9901 DieselExhPM	1	0.02819	0
INGALLS	0	0	9901 DieselExhPM	1	0.013885	0
JENN	0	0	9901 DieselExhPM	1	0.018875	0
MIDDLE	0	0	9901 DieselExhPM	1	0.012202	0
HAWES	0	0	9901 DieselExhPM	1	0	0
INNEN	0	0	75070 Acetaldehyde	1	1.582166	0
INNEN	0	0	71432 Benzene	1	13.95696	0
INNEN	0	0	106990 1,3-Butadiene	1	3.107825	0
INNEN	0	0	100414 Ethyl benzene	1	5.933121	0
INNEN	0	0	50000 Formaldehyde	1	8.927934	0
INNEN	0	0	91203 Naphthalene	1	0.28253	0
HUNT	0	0	75070 Acetaldehyde	1	0.930889	0
HUNT	0	0	71432 Benzene	1	8.211774	0
HUNT	0	0	106990 1,3-Butadiene	1	1.828533	0
HUNT	0	0	100414 Ethyl benzene	1	3.490835	0
HUNT	0	0	50000 Formaldehyde	1	5.252876	0
HUNT	0	0	91203 Naphthalene	1	0.16623	0
EVANS	0	0	75070 Acetaldehyde	1	0.407264	0
EVANS	0	0	71432 Benzene	1	3.592651	0
EVANS	0	0	106990 1,3-Butadiene	1	0.799983	0
EVANS	0	0	100414 Ethyl benzene	1	1.52724	0
EVANS	0	0	50000 Formaldehyde	1	2.298133	0
EVANS	0	0	91203 Naphthalene	1	0.072726	0

GRIFF	0	0	75070 Acetaldehyde	1	0.316575	0
GRIFF	0	0	71432 Benzene	1	2.792647	0
GRIFF	0	0	106990 1,3-Butadiene	1	0.621845	0
GRIFF	0	0	100414 Ethyl benzene	1	1.187158	0
GRIFF	0	0	50000 Formaldehyde	1	1.78639	0
GRIFF	0	0	91203 Naphthalene	1	0.056531	0
NHUD	0	0	75070 Acetaldehyde	1	0.601138	0
NHUD	0	0	71432 Benzene	1	5.302892	0
NHUD	0	0	106990 1,3-Butadiene	1	1.180806	0
NHUD	0	0	100414 Ethyl benzene	1	2.254266	0
NHUD	0	0	50000 Formaldehyde	1	3.392133	0
NHUD	0	0	91203 Naphthalene	1	0.107346	0
ARELI	0	0	75070 Acetaldehyde	1	0.685083	0
ARELI	0	0	71432 Benzene	1	6.043414	0
ARELI	0	0	106990 1,3-Butadiene	1	1.345699	0
ARELI	0	0	100414 Ethyl benzene	1	2.569063	0
ARELI	0	0	50000 Formaldehyde	1	3.865828	0
ARELI	0	0	91203 Naphthalene	1	0.122336	0
EARLN	0	0	75070 Acetaldehyde	1	0.601138	0
EARLN	0	0	71432 Benzene	1	5.302892	0
EARLN	0	0	106990 1,3-Butadiene	1	1.180806	0
EARLN	0	0	100414 Ethyl benzene	1	2.254266	0
EARLN	0	0	50000 Formaldehyde	1	3.392133	0
EARLN	0	0	91203 Naphthalene	1	0.107346	0
DONS	0	0	75070 Acetaldehyde	1	0.016271	0
DONS	0	0	71432 Benzene	1	0.143533	0
DONS	0	0	106990 1,3-Butadiene	1	0.031961	0
DONS	0	0	100414 Ethyl benzene	1	0.061016	0
DONS	0	0	50000 Formaldehyde	1	0.091815	0
DONS	0	0	91203 Naphthalene	1	0.002906	0
GALVEZ	0	0	75070 Acetaldehyde	1	0.003616	0
GALVEZ	0	0	71432 Benzene	1	0.031896	0
GALVEZ	0	0	106990 1,3-Butadiene	1	0.007102	0
GALVEZ	0	0	100414 Ethyl benzene	1	0.013559	0
GALVEZ	0	0	50000 Formaldehyde	1	0.020403	0
GALVEZ	0	0	91203 Naphthalene	1	0.000646	0
INNESS	0	0	75070 Acetaldehyde	1	0.008437	0
INNESS	0	0	71432 Benzene	1	0.074425	0
INNESS	0	0	106990 1,3-Butadiene	1	0.016572	0
INNESS	0	0	100414 Ethyl benzene	1	0.031638	0
INNESS	0	0	50000 Formaldehyde	1	0.047608	0
INNESS	0	0	91203 Naphthalene	1	0.001507	0
HUDSON	0	0	75070 Acetaldehyde	1	0.010245	0
HUDSON	0	0	71432 Benzene	1	0.090373	0
HUDSON	0	0	106990 1,3-Butadiene	1	0.020123	0
HUDSON	0	0	100414 Ethyl benzene	1	0.038418	0
HUDSON	0	0	50000 Formaldehyde	1	0.057809	0

HUDSON	0	0	91203 Naphthalene	1	0.001829	0
KIRKS	0	0	75070 Acetaldehyde	1	0.007834	0
KIRKS	0	0	71432 Benzene	1	0.069108	0
KIRKS	0	0	106990 1,3-Butadiene	1	0.015389	0
KIRKS	0	0	100414 Ethyl benzene	1	0.029378	0
KIRKS	0	0	50000 Formaldehyde	1	0.044207	0
KIRKS	0	0	91203 Naphthalene	1	0.001399	0
FRIED	0	0	75070 Acetaldehyde	1	0.015066	0
FRIED	0	0	71432 Benzene	1	0.132901	0
FRIED	0	0	106990 1,3-Butadiene	1	0.029593	0
FRIED	0	0	100414 Ethyl benzene	1	0.056496	0
FRIED	0	0	50000 Formaldehyde	1	0.085014	0
FRIED	0	0	91203 Naphthalene	1	0.00269	0
JERR	0	0	75070 Acetaldehyde	1	0.012053	0
JERR	0	0	71432 Benzene	1	0.106321	0
JERR	0	0	106990 1,3-Butadiene	1	0.023675	0
JERR	0	0	100414 Ethyl benzene	1	0.045197	0
JERR	0	0	50000 Formaldehyde	1	0.068011	0
JERR	0	0	91203 Naphthalene	1	0.002152	0
NORTH	0	0	75070 Acetaldehyde	1	0.040979	0
NORTH	0	0	71432 Benzene	1	0.361491	0
NORTH	0	0	106990 1,3-Butadiene	1	0.080494	0
NORTH	0	0	100414 Ethyl benzene	1	0.15367	0
NORTH	0	0	50000 Formaldehyde	1	0.231237	0
NORTH	0	0	91203 Naphthalene	1	0.007318	0
EARLS	0	0	75070 Acetaldehyde	1	0.004821	0
EARLS	0	0	71432 Benzene	1	0.042528	0
EARLS	0	0	106990 1,3-Butadiene	1	0.00947	0
EARLS	0	0	100414 Ethyl benzene	1	0.018079	0
EARLS	0	0	50000 Formaldehyde	1	0.027204	0
EARLS	0	0	91203 Naphthalene	1	0.000861	0
KIRKN	0	0	75070 Acetaldehyde	1	0.040376	0
KIRKN	0	0	71432 Benzene	1	0.356175	0
KIRKN	0	0	106990 1,3-Butadiene	1	0.07931	0
KIRKN	0	0	100414 Ethyl benzene	1	0.15141	0
KIRKN	0	0	50000 Formaldehyde	1	0.227836	0
KIRKN	0	0	91203 Naphthalene	1	0.00721	0
INGALLS	0	0	75070 Acetaldehyde	1	0.019887	0
INGALLS	0	0	71432 Benzene	1	0.175429	0
INGALLS	0	0	106990 1,3-Butadiene	1	0.039063	0
INGALLS	0	0	100414 Ethyl benzene	1	0.074575	0
INGALLS	0	0	50000 Formaldehyde	1	0.112218	0
INGALLS	0	0	91203 Naphthalene	1	0.003551	0
JENN	0	0	75070 Acetaldehyde	1	0.027033	0
JENN	0	0	71432 Benzene	1	0.238473	0
JENN	0	0	106990 1,3-Butadiene	1	0.053101	0
JENN	0	0	100414 Ethyl benzene	1	0.101375	0

JENN	0	0	50000 Formaldehyde	1	0.152546	0
JENN	0	0	91203 Naphthalene	1	0.004827	0
MIDDLE	0	0	75070 Acetaldehyde	1	0.017476	0
MIDDLE	0	0	71432 Benzene	1	0.154165	0
MIDDLE	0	0	106990 1,3-Butadiene	1	0.034328	0
MIDDLE	0	0	100414 Ethyl benzene	1	0.065536	0
MIDDLE	0	0	50000 Formaldehyde	1	0.098616	0
MIDDLE	0	0	91203 Naphthalene	1	0.003121	0
HAWES	0	0	75070 Acetaldehyde	1	0	0
HAWES	0	0	71432 Benzene	1	0	0
HAWES	0	0	106990 1,3-Butadiene	1	0	0
HAWES	0	0	100414 Ethyl benzene	1	0	0
HAWES	0	0	50000 Formaldehyde	1	0	0
HAWES	0	0	91203 Naphthalene	1	0	0

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EMFAC Gasoline TOG Speciation (% of TOG)

	TOG	Acetaldehyde	Benzene	1,3-Butadiene	Ethyl benzene	Formaldehyde	Naphthalene
	TOG lb/yr	0.28%	2.47%	0.55%	1.05%	1.58%	0.05%
2018R	15.40	0.04312	0.38038	0.0847	0.1617	0.24332	0.0077
2018V	15.40	0.04312	0.38038	0.0847	0.1617	0.24332	0.0077
2019R	1111.42	3.111976	27.45207	6.11281	11.66991	17.560436	0.55571
2019V	765.88	2.144464	18.91724	4.21234	8.04174	12.100904	0.38294
2020R	967.48	2.708944	23.89676	5.32114	10.15854	15.286184	0.48374
2020V	648.52	1.815856	16.01844	3.56686	6.80946	10.246616	0.32426
2021R	420.68	1.177904	10.3908	2.31374	4.41714	6.646744	0.21034
2021V	419.14	1.173592	10.35276	2.30527	4.40097	6.622412	0.20957
2022R	247.54	0.693112	6.114238	1.36147	2.59917	3.911132	0.12377
2022V	248.94	0.697032	6.148818	1.36917	2.61387	3.933252	0.12447

OpsR	TOG lb/yr	Acetaldehyde	Benzene	1,3-Butadiene	Ethyl benzene	Formaldehyde	Naphthalene
INNESN	294.0396	0.823310823	7.262778	1.617217688	3.087415586	4.645825357	0.14701979
HUNT	172.7711	0.48375903	4.267446	0.950240952	1.814096363	2.729783098	0.086385541
EVANS	75.5873	0.211644576	1.867008	0.415730416	0.793667159	1.194280105	0.037793674
GRIFF	61.2582	0.171523088	1.513079	0.336920352	0.64321158	0.967880283	0.030629123
NHUD	110.4399	0.309231625	2.727865	0.607419262	1.159618592	1.744949881	0.055219933
ARELI	127.0671	0.355787891	3.138557	0.698869072	1.334204592	2.007660244	0.063533552
EARLN	110.4399	0.309231625	2.727865	0.607419262	1.159618592	1.744949881	0.055219933
DONS	2.2111	0.006191017	0.054614	0.012160926	0.023216313	0.034935024	0.001105539
GALVEZ	0.4914	0.001375782	0.012136	0.002702428	0.005159181	0.007763339	0.000245675
INNESS	1.1465	0.003210157	0.028318	0.006305665	0.012038088	0.018114457	0.000573242
HUDSON	1.3922	0.003898048	0.034386	0.007656879	0.014617679	0.021996126	0.00069608
KIRKS	1.0646	0.00298086	0.026295	0.005855261	0.011178225	0.016820567	0.000532296
FRIED	2.0473	0.005732423	0.050568	0.011260117	0.021496586	0.032347244	0.001023647
JERR	1.6378	0.004585938	0.040455	0.009008093	0.017197269	0.025877795	0.000818918
NORTH	5.5686	0.015592191	0.137545	0.030627517	0.058470715	0.087984504	0.00278432
EARLS	0.6551	0.001834375	0.016182	0.003603237	0.006878908	0.010351118	0.000327567
KIRKN	5.4867	0.015362894	0.135523	0.030177112	0.057610851	0.086690614	0.002743374
INGALLS	2.7024	0.007566798	0.06675	0.014863354	0.028375494	0.042698362	0.001351214
JENN	2.1003	0.005880792	0.051877	0.011551555	0.022052968	0.033184467	0.001050141
MIDDLE	2.3749	0.006649611	0.058659	0.013061735	0.02493604	0.037522803	0.00118743
HAWES	0.0000	0	0	0	0	0	0

OpsV	TOG lb/yr	Acetaldehyde	Benzene	1,3-Butadiene	Ethyl benzene	Formaldehyde	Naphthalene
INNESN	565.059111	1.582165512	13.95696	3.107825112	5.933120669	8.927933959	0.282529556
HUNT	332.460491	0.930889374	8.211774	1.828532698	3.490835151	5.252875751	0.166230245
EVANS	145.451465	0.407264101	3.592651	0.799983055	1.527240379	2.298133141	0.072725732
GRIFF	113.062637	0.316575383	2.792647	0.621844503	1.187157688	1.786389664	0.056531318
NHUD	214.691973	0.601137526	5.302892	1.180805854	2.254265722	3.392133181	0.107345987
ARELI	244.672628	0.685083358	6.043414	1.345699453	2.569062592	3.865827519	0.122336314
EARLN	214.691973	0.601137526	5.302892	1.180805854	2.254265722	3.392133181	0.107345987
DONS	5.81105358	0.01627095	0.143533	0.031960795	0.061016063	0.091814647	0.002905527
GALVEZ	1.29134524	0.003615767	0.031896	0.007102399	0.013559125	0.020403255	0.000645673
INNESS	3.01313889	0.008436789	0.074425	0.016572264	0.031637958	0.047607595	0.001506569
HUDSON	3.65881151	0.010244672	0.090373	0.020123463	0.038417521	0.057809222	0.001829406
KIRKS	2.79791469	0.007834161	0.069108	0.015388531	0.029378104	0.044207052	0.001398957
FRIED	5.38060517	0.015065694	0.132901	0.029593328	0.056496354	0.085013562	0.002690303
JERR	4.30448413	0.012052556	0.106321	0.023674663	0.045197083	0.068010849	0.002152242
NORTH	14.6352461	0.040978689	0.361491	0.080493853	0.153670084	0.231236888	0.007317623
EARLS	1.72179365	0.004821022	0.042528	0.009469865	0.018078833	0.02720434	0.000860897
KIRKN	14.4200218	0.040376061	0.356175	0.07931012	0.151410229	0.227836345	0.007210011
INGALLS	7.10239882	0.019886717	0.175429	0.039063194	0.074575188	0.112217901	0.003551199
JENN	9.65478697	0.027033404	0.238473	0.053101328	0.101375263	0.152545634	0.004827393
MIDDLE	6.24150199	0.017476206	0.154165	0.034328261	0.065535771	0.098615731	0.003120751
HAWES	0	0	0	0	0	0	0

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IB-BUILD Grading and Excavation
San Francisco County, Annual**1.0 Project Characteristics**

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	37.80	0.00	0

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Construction ONLY

Land Use - Sum of Ph. 1 + 2 Graded Acres = $29.2 + 8.6 = 37.8$

Construction Phase - 6 days/work wk; 78 (demo) from RFI response and balance of 9 mos used for grad'g; phases assumed not to overlap

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - amount taken from Dec 2016 RFI response

Grading - import/export amounts from RFI response

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

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Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	50.00	78.00
tblConstructionPhase	NumDays	75.00	156.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	390.00	187.50
tblGrading	MaterialExported	0.00	350,000.00
tblGrading	MaterialImported	0.00	195,583.00
tblLandUse	LotAcreage	0.00	37.80
tblProjectCharacteristics	OperationalYear	2018	2020

2.0 Emissions Summary

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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					
2018	0.6395	13.8194	5.1207	0.0252	1.2065	0.2499	1.4564	0.4277	0.2320	0.6598	0.0000	2,571.491 3	2,571.491 3	0.4922	0.0000	2,583.795 3
2019	0.2246	5.5931	2.0364	0.0112	1.1308	0.0767	1.2075	0.4047	0.0712	0.4759	0.0000	1,157.467 1	1,157.467 1	0.2221	0.0000	1,163.018 6
Maximum	0.6395	13.8194	5.1207	0.0252	1.2065	0.2499	1.4564	0.4277	0.2320	0.6598	0.0000	2,571.491 3	2,571.491 3	0.4922	0.0000	2,583.795 3

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					
2018	0.2852	9.4513	5.0490	0.0252	0.7292	0.0437	0.7730	0.2445	0.0422	0.2867	0.0000	2,571.490 8	2,571.490 8	0.4922	0.0000	2,583.794 8
2019	0.1231	4.2870	2.0268	0.0112	0.6649	0.0186	0.6834	0.2235	0.0179	0.2413	0.0000	1,157.466 9	1,157.466 9	0.2221	0.0000	1,163.018 4
Maximum	0.2852	9.4513	5.0490	0.0252	0.7292	0.0437	0.7730	0.2445	0.0422	0.2867	0.0000	2,571.490 8	2,571.490 8	0.4922	0.0000	2,583.794 8

	ROG	NOx	CO	SO2	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	52.74	29.23	1.14	0.00	40.36	80.93	45.33	43.79	80.20	53.51	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2018	8-31-2018	1.7742	0.2048
2	9-1-2018	11-30-2018	9.4631	7.1017
3	12-1-2018	2-28-2019	9.0366	6.8365
		Highest	9.4631	7.1017

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2018	8/30/2018	6	78	
2	Grading	Grading	8/31/2018	2/28/2019	6	156	

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Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 187.5****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	144.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	68,198.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 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					0.0168	0.0000	0.0168	2.5500e-003	0.0000	2.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1450	1.4946	0.8699	1.5100e-003		0.0756	0.0756		0.0704	0.0704	0.0000	136.9839	136.9839	0.0377	0.0000	137.9274
Total	0.1450	1.4946	0.8699	1.5100e-003	0.0168	0.0756	0.0924	2.5500e-003	0.0704	0.0729	0.0000	136.9839	136.9839	0.0377	0.0000	137.9274

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3.2 Demolition - 2018**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.9000e-004	0.0288	7.3900e-003	6.0000e-005	1.2100e-003	1.1000e-004	1.3200e-003	3.3000e-004	1.1000e-004	4.4000e-004	0.0000	6.6424	6.6424	1.1300e-003	0.0000	6.6706
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	2.0900e-003	1.5000e-003	0.0160	5.0000e-005	4.6200e-003	4.0000e-005	4.6600e-003	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	4.6832	4.6832	1.2000e-004	0.0000	4.6863
Total	2.7800e-003	0.0303	0.0234	1.1000e-004	5.8300e-003	1.5000e-004	5.9800e-003	1.5600e-003	1.4000e-004	1.7000e-003	0.0000	11.3256	11.3256	1.2500e-003	0.0000	11.3569

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					7.5700e-003	0.0000	7.5700e-003	1.1500e-003	0.0000	1.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0180	0.0781	0.9079	1.5100e-003		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	136.9837	136.9837	0.0377	0.0000	137.9272
Total	0.0180	0.0781	0.9079	1.5100e-003	7.5700e-003	2.4000e-003	9.9700e-003	1.1500e-003	2.4000e-003	3.5500e-003	0.0000	136.9837	136.9837	0.0377	0.0000	137.9272

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3.2 Demolition - 2018**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.9000e-004	0.0288	7.3900e-003	6.0000e-005	9.8000e-004	1.1000e-004	1.0900e-003	2.8000e-004	1.1000e-004	3.8000e-004	0.0000	6.6424	6.6424	1.1300e-003	0.0000	6.6706
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	2.0900e-003	1.5000e-003	0.0160	5.0000e-005	3.6200e-003	4.0000e-005	3.6600e-003	9.8000e-004	3.0000e-005	1.0200e-003	0.0000	4.6832	4.6832	1.2000e-004	0.0000	4.6863
Total	2.7800e-003	0.0303	0.0234	1.1000e-004	4.6000e-003	1.5000e-004	4.7500e-003	1.2600e-003	1.4000e-004	1.4000e-003	0.0000	11.3256	11.3256	1.2500e-003	0.0000	11.3569

3.3 Grading - 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					0.6496	0.0000	0.6496	0.2811	0.0000	0.2811	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2672	3.1249	1.8422	3.2600e-003		0.1383	0.1383		0.1272	0.1272	0.0000	297.4046	297.4046	0.0926	0.0000	299.7193
Total	0.2672	3.1249	1.8422	3.2600e-003	0.6496	0.1383	0.7879	0.2811	0.1272	0.4083	0.0000	297.4046	297.4046	0.0926	0.0000	299.7193

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3.3 Grading - 2018**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	0.2206	9.1670	2.3566	0.0202	0.5260	0.0358	0.5618	0.1403	0.0342	0.1745	0.0000	2,117.371 3	2,117.371 3	0.3604	0.0000	2,126.380 4
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	3.7500e-003	2.6900e-003	0.0287	9.0000e-005	8.3000e-003	6.0000e-005	8.3600e-003	2.2100e-003	6.0000e-005	2.2700e-003	0.0000	8.4058	8.4058	2.2000e-004	0.0000	8.4113
Total	0.2244	9.1696	2.3852	0.0203	0.5343	0.0359	0.5701	0.1425	0.0343	0.1768	0.0000	2,125.777 1	2,125.777 1	0.3606	0.0000	2,134.791 7

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					0.2923	0.0000	0.2923	0.1265	0.0000	0.1265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0400	0.1733	1.7325	3.2600e-003		5.3300e-003	5.3300e-003		5.3300e-003	5.3300e-003	0.0000	297.4043	297.4043	0.0926	0.0000	299.7189
Total	0.0400	0.1733	1.7325	3.2600e-003	0.2923	5.3300e-003	0.2977	0.1265	5.3300e-003	0.1318	0.0000	297.4043	297.4043	0.0926	0.0000	299.7189

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3.3 Grading - 2018**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	0.2206	9.1670	2.3566	0.0202	0.4182	0.0358	0.4540	0.1138	0.0342	0.1481	0.0000	2,117.371 3	2,117.371 3	0.3604	0.0000	2,126.380 4
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	3.7500e-003	2.6900e-003	0.0287	9.0000e-005	6.5000e-003	6.0000e-005	6.5700e-003	1.7700e-003	6.0000e-005	1.8300e-003	0.0000	8.4058	8.4058	2.2000e-004	0.0000	8.4113
Total	0.2244	9.1696	2.3852	0.0203	0.4247	0.0359	0.4606	0.1156	0.0343	0.1499	0.0000	2,125.777 1	2,125.777 1	0.3606	0.0000	2,134.791 7

3.3 Grading - 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					0.6496	0.0000	0.6496	0.2811	0.0000	0.2811	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1208	1.3903	0.8511	1.5800e-003		0.0608	0.0608		0.0559	0.0559	0.0000	142.0384	142.0384	0.0449	0.0000	143.1619
Total	0.1208	1.3903	0.8511	1.5800e-003	0.6496	0.0608	0.7104	0.2811	0.0559	0.3370	0.0000	142.0384	142.0384	0.0449	0.0000	143.1619

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3.3 Grading - 2019**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	0.1020	4.2017	1.1728	9.5700e-003	0.4771	0.0159	0.4931	0.1225	0.0152	0.1378	0.0000	1,011.4718	1,011.4718	0.1770	0.0000	1,015.8975
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	1.6700e-003	1.1600e-003	0.0126	4.0000e-005	4.0300e-003	3.0000e-005	4.0600e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.9570	3.9570	9.0000e-005	0.0000	3.9593
Total	0.1037	4.2028	1.1853	9.6100e-003	0.4812	0.0160	0.4971	0.1236	0.0153	0.1389	0.0000	1,015.4287	1,015.4287	0.1771	0.0000	1,019.8568

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					0.2923	0.0000	0.2923	0.1265	0.0000	0.1265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.0842	0.8415	1.5800e-003		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	142.0382	142.0382	0.0449	0.0000	143.1617
Total	0.0194	0.0842	0.8415	1.5800e-003	0.2923	2.5900e-003	0.2949	0.1265	2.5900e-003	0.1291	0.0000	142.0382	142.0382	0.0449	0.0000	143.1617

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3.3 Grading - 2019**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	0.1020	4.2017	1.1728	9.5700e-003	0.3694	0.0159	0.3853	0.0961	0.0152	0.1113	0.0000	1,011.4718	1,011.4718	0.1770	0.0000	1,015.8975
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	1.6700e-003	1.1600e-003	0.0126	4.0000e-005	3.1600e-003	3.0000e-005	3.1900e-003	8.6000e-004	3.0000e-005	8.9000e-004	0.0000	3.9570	3.9570	9.0000e-005	0.0000	3.9593
Total	0.1037	4.2028	1.1853	9.6100e-003	0.3725	0.0160	0.3885	0.0970	0.0153	0.1122	0.0000	1,015.4287	1,015.4287	0.1771	0.0000	1,019.8568

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
User Defined Industrial	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.607015	0.041018	0.191033	0.087570	0.015386	0.004865	0.027149	0.008727	0.004280	0.004624	0.006947	0.000926	0.000460

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

[illegible]

5.2 Energy by Land Use - NaturalGas

Unmitigated

[illegible]

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

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7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	174.93	1000sqft	3.00	174,930.00	0
Elementary School	50.00	1000sqft	0.50	50,000.00	0
Enclosed Parking with Elevator	552.86	1000sqft	0.00	552,860.00	0
Other Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
Other Non-Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
City Park	1.74	Acre	1.74	0.00	0
Condo/Townhouse High Rise	796.00	Dwelling Unit	4.00	996,800.00	2181
Regional Shopping Center	43.56	1000sqft	0.00	43,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; 796 du x 2.74 residents/du (density, from F&P Daily VMT calcs) = 2,181; Pkg (asphalt/non-asphalt) = (outdoor pkg + streets/sidewalks)/2; Resid LU incl. Cmmn Courtyd +Roof Terrace sfg's

Construction Phase - 6 days/work wk; default days ratio'd up

Vehicle Trips - CityPk (Public Rec/OS) LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	649.00
tblConstructionPhase	NumDays	300.00	587.00
tblConstructionPhase	NumDays	30.00	56.00
tblConstructionPhase	NumDays	20.00	32.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	1/23/2023	1/30/2021
tblConstructionPhase	PhaseStartDate	12/27/2020	1/5/2019
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	Elementary School	Condo/Townhouse High Rise
tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	Elementary School
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	General Office Building
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces

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tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	140.00	75.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	796,000.00	996,800.00
tblLandUse	GreenSpaceSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	796,000.00	996,800.00
tblLandUse	LotAcreage	4.02	3.00
tblLandUse	LotAcreage	1.15	0.50
tblLandUse	LotAcreage	12.69	0.00
tblLandUse	LotAcreage	12.44	4.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	Population	2,277.00	2,181.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	6.62
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	6.62
tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	6.62
tblVehicleTrips	CW_TL	9.50	0.28

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tblVehicleTrips	HO_TL	5.70	6.70
tblVehicleTrips	HS_TL	4.80	6.70
tblVehicleTrips	HW_TL	10.80	6.70
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.69
tblVehicleTrips	ST_TR	2.46	8.41
tblVehicleTrips	ST_TR	49.97	83.67
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.69
tblVehicleTrips	SU_TR	1.05	8.41
tblVehicleTrips	SU_TR	25.24	83.67
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.69
tblVehicleTrips	WD_TR	15.43	25.58
tblVehicleTrips	WD_TR	11.03	8.41
tblVehicleTrips	WD_TR	42.70	83.67

2.0 Emissions Summary

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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					
2018	0.1342	1.5489	0.9265	1.6600e-003	0.2125	0.0685	0.2810	0.0981	0.0630	0.1611	0.0000	151.4490	151.4490	0.0460	0.0000	152.5980
2019	5.1759	8.6629	8.4723	0.0283	1.7433	0.2628	2.0061	0.5104	0.2485	0.7589	0.0000	2,653.0710	2,653.0710	0.2542	0.0000	2,659.4254
2020	5.0613	7.2936	7.4308	0.0256	1.4080	0.2110	1.6189	0.3792	0.1993	0.5784	0.0000	2,388.7289	2,388.7289	0.2301	0.0000	2,394.4818
2021	0.3513	0.0241	0.0720	2.2000e-004	0.0184	1.3600e-003	0.0198	4.8900e-003	1.3500e-003	6.2400e-003	0.0000	20.1708	20.1708	5.7000e-004	0.0000	20.1851
Maximum	5.1759	8.6629	8.4723	0.0283	1.7433	0.2628	2.0061	0.5104	0.2485	0.7589	0.0000	2,653.0710	2,653.0710	0.2542	0.0000	2,659.4254

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2.1 Overall Construction**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.0217	0.0871	0.8722	1.6600e-003	0.0970	2.6700e-003	0.0997	0.0445	2.6700e-003	0.0472	0.0000	151.4488	151.4488	0.0460	0.0000	152.5978
2019	4.8172	5.3854	8.5159	0.0283	1.3059	0.0460	1.3519	0.3779	0.0439	0.4218	0.0000	2,653.0705	2,653.0705	0.2542	0.0000	2,659.4249
2020	4.7616	4.4876	7.5583	0.0256	1.1118	0.0331	1.1449	0.3065	0.0316	0.3381	0.0000	2,388.7284	2,388.7284	0.2301	0.0000	2,394.4813
2021	0.3488	5.9000e-003	0.0722	2.2000e-004	0.0144	1.9000e-004	0.0146	3.9200e-003	1.8000e-004	4.1000e-003	0.0000	20.1707	20.1707	5.7000e-004	0.0000	20.1851
Maximum	4.8172	5.3854	8.5159	0.0283	1.3059	0.0460	1.3519	0.3779	0.0439	0.4218	0.0000	2,653.0705	2,653.0705	0.2542	0.0000	2,659.4249

	ROG	NOx	CO	SO2	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	7.21	43.15	-0.69	0.00	25.22	84.93	33.49	26.17	84.68	46.09	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2018	1-31-2019	2.8291	0.8874
2	2-1-2019	4-30-2019	3.3923	2.5218
3	5-1-2019	7-31-2019	3.4698	2.5700
4	8-1-2019	10-31-2019	3.4885	2.5887
5	11-1-2019	1-31-2020	3.4516	2.5825
6	2-1-2020	4-30-2020	3.2186	2.4275
7	5-1-2020	7-31-2020	3.2578	2.4491
8	8-1-2020	10-31-2020	3.2742	2.4655

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9	11-1-2020	1-31-2021	1.8288	1.3887
		Highest	3.4885	2.5887

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	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678
Energy	0.0730	0.6365	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	3,764.8604	3,764.8604	0.1514	0.0417	3,781.0740
Mobile	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310
Waste						0.0000	0.0000		0.0000	0.0000	129.8594	0.0000	129.8594	7.6745	0.0000	321.7212
Water						0.0000	0.0000		0.0000	0.0000	27.8010	198.5539	226.3549	2.8644	0.0693	318.6105
Total	9.6983	7.0761	24.8443	0.0585	4.1507	0.5022	4.6529	1.1182	0.4985	1.6167	193.9498	8,511.2088	8,705.1585	10.9705	0.1134	9,013.2044

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678
Energy	0.0730	0.6365	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	3,764.8604	3,764.8604	0.1514	0.0417	3,781.0740
Mobile	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310
Waste						0.0000	0.0000		0.0000	0.0000	129.8594	0.0000	129.8594	7.6745	0.0000	321.7212
Water						0.0000	0.0000		0.0000	0.0000	27.8010	198.5539	226.3549	2.8644	0.0693	318.6105
Total	9.6983	7.0761	24.8443	0.0585	4.1507	0.5022	4.6529	1.1182	0.4985	1.6167	193.9498	8,511.2088	8,705.1585	10.9705	0.1134	9,013.2044

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	11/1/2018	1/4/2019	6	56	
2	Building Construction	Building Construction	1/5/2019	11/19/2020	6	587	
3	Paving	Paving	11/20/2020	12/26/2020	6	32	
4	Architectural Coating	Architectural Coating	1/5/2019	1/30/2021	6	649	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 2.7

Residential Indoor: 2,018,520; Residential Outdoor: 672,840; Non-Residential Indoor: 402,735; Non-Residential Outdoor: 134,245; Striped Parking Area: 33,172 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	896.00	220.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	179.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading - 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					0.2084	0.0000	0.2084	0.0970	0.0000	0.0970	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1323	1.5476	0.9123	1.6100e-003		0.0685	0.0685		0.0630	0.0630	0.0000	147.2861	147.2861	0.0459	0.0000	148.4324
Total	0.1323	1.5476	0.9123	1.6100e-003	0.2084	0.0685	0.2769	0.0970	0.0630	0.1600	0.0000	147.2861	147.2861	0.0459	0.0000	148.4324

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3.2 Grading - 2018**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	4.1100e-003	3.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
Total	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	4.1100e-003	3.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656

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					0.0938	0.0000	0.0938	0.0436	0.0000	0.0436	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.0858	0.8580	1.6100e-003		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	147.2859	147.2859	0.0459	0.0000	148.4322
Total	0.0198	0.0858	0.8580	1.6100e-003	0.0938	2.6400e-003	0.0964	0.0436	2.6400e-003	0.0463	0.0000	147.2859	147.2859	0.0459	0.0000	148.4322

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3.2 Grading - 2018**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.8000e-004	3.0000e-005	9.0000e-004	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
Total	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.8000e-004	3.0000e-005	9.0000e-004	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656

3.2 Grading - 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					0.2084	0.0000	0.2084	0.0970	0.0000	0.0970	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4800e-003	0.1090	0.0668	1.2000e-004		4.7700e-003	4.7700e-003		4.3800e-003	4.3800e-003	0.0000	11.1403	11.1403	3.5200e-003	0.0000	11.2284
Total	9.4800e-003	0.1090	0.0668	1.2000e-004	0.2084	4.7700e-003	0.2132	0.0970	4.3800e-003	0.1014	0.0000	11.1403	11.1403	3.5200e-003	0.0000	11.2284

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3.2 Grading - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.9000e-004	0.0000	3.2000e-004	0.0000	3.2000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3105
Total	1.3000e-004	9.0000e-005	9.9000e-004	0.0000	3.2000e-004	0.0000	3.2000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3105

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					0.0938	0.0000	0.0938	0.0436	0.0000	0.0436	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5200e-003	6.6000e-003	0.0660	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	11.1403	11.1403	3.5200e-003	0.0000	11.2284
Total	1.5200e-003	6.6000e-003	0.0660	1.2000e-004	0.0938	2.0000e-004	0.0940	0.0436	2.0000e-004	0.0438	0.0000	11.1403	11.1403	3.5200e-003	0.0000	11.2284

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3.2 Grading - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.9000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3105
Total	1.3000e-004	9.0000e-005	9.9000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3105

3.3 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3648	3.2567	2.6518	4.1600e-003		0.1993	0.1993		0.1874	0.1874	0.0000	363.2360	363.2360	0.0885	0.0000	365.4482
Total	0.3648	3.2567	2.6518	4.1600e-003		0.1993	0.1993		0.1874	0.1874	0.0000	363.2360	363.2360	0.0885	0.0000	365.4482

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3.3 Building Construction - 2019**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	0.1537	4.6370	1.3764	9.3500e-003	0.2222	0.0287	0.2509	0.0642	0.0275	0.0917	0.0000	950.3097	950.3097	0.1281	0.0000	953.5131
Worker	0.4537	0.3138	3.4105	0.0119	1.0939	8.4600e-003	1.1023	0.2910	7.7900e-003	0.2988	0.0000	1,074.0556	1,074.0556	0.0256	0.0000	1,074.6950
Total	0.6074	4.9509	4.7869	0.0212	1.3160	0.0372	1.3532	0.3552	0.0353	0.3905	0.0000	2,024.3653	2,024.3653	0.1537	0.0000	2,028.2081

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	0.0507	0.3453	2.6976	4.1600e-003		6.3000e-003	6.3000e-003		6.3000e-003	6.3000e-003	0.0000	363.2356	363.2356	0.0885	0.0000	365.4477
Total	0.0507	0.3453	2.6976	4.1600e-003		6.3000e-003	6.3000e-003		6.3000e-003	6.3000e-003	0.0000	363.2356	363.2356	0.0885	0.0000	365.4477

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3.3 Building Construction - 2019**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	0.1537	4.6370	1.3764	9.3500e-003	0.1830	0.0287	0.2117	0.0546	0.0275	0.0821	0.0000	950.3097	950.3097	0.1281	0.0000	953.5131
Worker	0.4537	0.3138	3.4105	0.0119	0.8576	8.4600e-003	0.8661	0.2330	7.7900e-003	0.2408	0.0000	1,074.0556	1,074.0556	0.0256	0.0000	1,074.6950
Total	0.6074	4.9509	4.7869	0.0212	1.0406	0.0372	1.0777	0.2876	0.0353	0.3229	0.0000	2,024.3653	2,024.3653	0.1537	0.0000	2,028.2081

3.3 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2947	2.6669	2.3419	3.7400e-003		0.1553	0.1553		0.1460	0.1460	0.0000	321.9379	321.9379	0.0785	0.0000	323.9014
Total	0.2947	2.6669	2.3419	3.7400e-003		0.1553	0.1553		0.1460	0.1460	0.0000	321.9379	321.9379	0.0785	0.0000	323.9014

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3.3 Building Construction - 2020**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	0.1125	3.8282	1.1309	8.2900e-003	0.1999	0.0169	0.2168	0.0578	0.0162	0.0740	0.0000	846.4867	846.4867	0.1129	0.0000	849.3103
Worker	0.3785	0.2519	2.7990	0.0103	0.9841	7.5700e-003	0.9917	0.2618	6.9700e-003	0.2688	0.0000	935.3186	935.3186	0.0205	0.0000	935.8311
Total	0.4910	4.0800	3.9299	0.0186	1.1840	0.0245	1.2085	0.3196	0.0232	0.3427	0.0000	1,781.8054	1,781.8054	0.1334	0.0000	1,785.1414

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	0.0456	0.3106	2.4270	3.7400e-003		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003	0.0000	321.9375	321.9375	0.0785	0.0000	323.9010
Total	0.0456	0.3106	2.4270	3.7400e-003		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003	0.0000	321.9375	321.9375	0.0785	0.0000	323.9010

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3.3 Building Construction - 2020**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	0.1125	3.8282	1.1309	8.2900e-003	0.1646	0.0169	0.1815	0.0491	0.0162	0.0653	0.0000	846.4867	846.4867	0.1129	0.0000	849.3103
Worker	0.3785	0.2519	2.7990	0.0103	0.7716	7.5700e-003	0.7792	0.2096	6.9700e-003	0.2166	0.0000	935.3186	935.3186	0.0205	0.0000	935.8311
Total	0.4910	4.0800	3.9299	0.0186	0.9362	0.0245	0.9607	0.2588	0.0232	0.2819	0.0000	1,781.8054	1,781.8054	0.1334	0.0000	1,785.1414

3.4 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0217	0.2251	0.2344	3.6000e-004		0.0120	0.0120		0.0111	0.0111	0.0000	32.0452	32.0452	0.0104	0.0000	32.3043
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0235	0.2251	0.2344	3.6000e-004		0.0120	0.0120		0.0111	0.0111	0.0000	32.0452	32.0452	0.0104	0.0000	32.3043

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3.4 Paving - 2020**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	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.9000e-003	1.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
Total	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.9000e-003	1.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4900e-003	0.0195	0.2767	3.6000e-004		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	32.0451	32.0451	0.0104	0.0000	32.3042
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.2600e-003	0.0195	0.2767	3.6000e-004		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	32.0451	32.0451	0.0104	0.0000	32.3042

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3.4 Paving - 2020**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	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
Total	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034

3.5 Architectural Coating - 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					
Archit. Coating	4.0623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0412	0.2836	0.2845	4.6000e-004		0.0199	0.0199		0.0199	0.0199	0.0000	39.4478	39.4478	3.3300e-003	0.0000	39.5311
Total	4.1035	0.2836	0.2845	4.6000e-004		0.0199	0.0199		0.0199	0.0199	0.0000	39.4478	39.4478	3.3300e-003	0.0000	39.5311

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3.5 Architectural Coating - 2019**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	0.0906	0.0627	0.6813	2.3700e-003	0.2185	1.6900e-003	0.2202	0.0581	1.5600e-003	0.0597	0.0000	214.5714	214.5714	5.1100e-003	0.0000	214.6991
Total	0.0906	0.0627	0.6813	2.3700e-003	0.2185	1.6900e-003	0.2202	0.0581	1.5600e-003	0.0597	0.0000	214.5714	214.5714	5.1100e-003	0.0000	214.6991

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	4.0623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5900e-003	0.0199	0.2831	4.6000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.4477	39.4477	3.3300e-003	0.0000	39.5310
Total	4.0669	0.0199	0.2831	4.6000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.4477	39.4477	3.3300e-003	0.0000	39.5310

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3.5 Architectural Coating - 2019**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	0.0906	0.0627	0.6813	2.3700e-003	0.1713	1.6900e-003	0.1730	0.0466	1.5600e-003	0.0481	0.0000	214.5714	214.5714	5.1100e-003	0.0000	214.6991
Total	0.0906	0.0627	0.6813	2.3700e-003	0.1713	1.6900e-003	0.1730	0.0466	1.5600e-003	0.0481	0.0000	214.5714	214.5714	5.1100e-003	0.0000	214.6991

3.5 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1281					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0380	0.2644	0.2875	4.7000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	40.0861	40.0861	3.1000e-003	0.0000	40.1637
Total	4.1661	0.2644	0.2875	4.7000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	40.0861	40.0861	3.1000e-003	0.0000	40.1637

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3.5 Architectural Coating - 2020**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	0.0854	0.0568	0.6316	2.3300e-003	0.2221	1.7100e-003	0.2238	0.0591	1.5700e-003	0.0607	0.0000	211.0520	211.0520	4.6300e-003	0.0000	211.1676
Total	0.0854	0.0568	0.6316	2.3300e-003	0.2221	1.7100e-003	0.2238	0.0591	1.5700e-003	0.0607	0.0000	211.0520	211.0520	4.6300e-003	0.0000	211.1676

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	4.1281					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0202	0.2877	4.7000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	40.0860	40.0860	3.1000e-003	0.0000	40.1636
Total	4.1327	0.0202	0.2877	4.7000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	40.0860	40.0860	3.1000e-003	0.0000	40.1636

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3.5 Architectural Coating - 2020**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	0.0854	0.0568	0.6316	2.3300e-003	0.1741	1.7100e-003	0.1758	0.0473	1.5700e-003	0.0489	0.0000	211.0520	211.0520	4.6300e-003	0.0000	211.1676
Total	0.0854	0.0568	0.6316	2.3300e-003	0.1741	1.7100e-003	0.1758	0.0473	1.5700e-003	0.0489	0.0000	211.0520	211.0520	4.6300e-003	0.0000	211.1676

3.5 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8500e-003	0.0199	0.0236	4.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
Total	0.3447	0.0199	0.0236	4.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249

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3.5 Architectural Coating - 2021**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	6.6200e-003	4.2300e-003	0.0484	1.9000e-004	0.0184	1.4000e-004	0.0185	4.8900e-003	1.3000e-004	5.0200e-003	0.0000	16.8515	16.8515	3.5000e-004	0.0000	16.8602
Total	6.6200e-003	4.2300e-003	0.0484	1.9000e-004	0.0184	1.4000e-004	0.0185	4.8900e-003	1.3000e-004	5.0200e-003	0.0000	16.8515	16.8515	3.5000e-004	0.0000	16.8602

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	0.3418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9000e-004	1.6700e-003	0.0238	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
Total	0.3422	1.6700e-003	0.0238	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249

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3.5 Architectural Coating - 2021**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	6.6200e-003	4.2300e-003	0.0484	1.9000e-004	0.0144	1.4000e-004	0.0146	3.9200e-003	1.3000e-004	4.0400e-003	0.0000	16.8515	16.8515	3.5000e-004	0.0000	16.8602
Total	6.6200e-003	4.2300e-003	0.0484	1.9000e-004	0.0144	1.4000e-004	0.0146	3.9200e-003	1.3000e-004	4.0400e-003	0.0000	16.8515	16.8515	3.5000e-004	0.0000	16.8602

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310
Unmitigated	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	23.52	23.52	23.52	1,052	1,052
Condo/Townhouse High Rise	2,937.24	2,937.24	2,937.24	6,360,673	6,360,673
Elementary School	1,279.00	0.00	0.00	1,588,805	1,588,805
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	1,471.16	1,471.16	1,471.16	2,900,202	2,900,202
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	3,644.67	3,644.67	3,644.67	247,687	247,687
Total	9,355.59	8,076.59	8,076.59	11,098,418	11,098,418

4.3 Trip Type Information

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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
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.70	6.70	6.70	31.00	15.00	54.00	86	11	3
Elementary School	9.50	1.14	7.30	65.00	30.00	5.00	63	25	12
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Office Building	6.62	6.62	6.62	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Condo/Townhouse High Rise	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Elementary School	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Enclosed Parking with Elevator	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
General Office Building	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Regional Shopping Center	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3,042.7524	3,042.7524	0.1376	0.0285	3,054.6748
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,042.7524	3,042.7524	0.1376	0.0285	3,054.6748
NaturalGas Mitigated	0.0730	0.6365	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	722.1080	722.1080	0.0138	0.0132	726.3992
NaturalGas Unmitigated	0.0730	0.6365	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	722.1080	722.1080	0.0138	0.0132	726.3992

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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
Condo/Townhouse High Rise	9.10591e+006	0.0491	0.4196	0.1786	2.6800e-003		0.0339	0.0339		0.0339	0.0339	0.0000	485.9258	485.9258	9.3100e-003	8.9100e-003	488.8134
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
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
General Office Building	3.39714e+006	0.0183	0.1665	0.1399	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	181.2844	181.2844	3.4700e-003	3.3200e-003	182.3616
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	201247	1.0900e-003	9.8700e-003	8.2900e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	10.7393	10.7393	2.1000e-004	2.0000e-004	10.8031
Total		0.0730	0.6366	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	722.1080	722.1080	0.0138	0.0132	726.3992

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
Condo/Townhouse High Rise	9.10591e+006	0.0491	0.4196	0.1786	2.6800e-003		0.0339	0.0339		0.0339	0.0339	0.0000	485.9258	485.9258	9.3100e-003	8.9100e-003	488.8134
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
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
General Office Building	3.39714e+006	0.0183	0.1665	0.1399	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	181.2844	181.2844	3.4700e-003	3.3200e-003	182.3616
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	201247	1.0900e-003	9.8700e-003	8.2900e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	10.7393	10.7393	2.1000e-004	2.0000e-004	10.8031
Total		0.0730	0.6366	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	722.1080	722.1080	0.0138	0.0132	726.3992

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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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	3.80572e+006	1,107.1264	0.0501	0.0104	1,111.4644
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	3.72628e+006	1,084.0165	0.0490	0.0101	1,088.2640
General Office Building	2.23386e+006	649.8544	0.0294	6.0800e-003	652.4007
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	466528	135.7182	6.1400e-003	1.2700e-003	136.2500
Total		3,042.7524	0.1376	0.0285	3,054.6748

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	3.80572e+006	1,107.1264	0.0501	0.0104	1,111.4644
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	3.72628e+006	1,084.0165	0.0490	0.0101	1,088.2640
General Office Building	2.23386e+006	649.8544	0.0294	6.0800e-003	652.4007
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	466528	135.7182	6.1400e-003	1.2700e-003	136.2500
Total		3,042.7524	0.1376	0.0285	3,054.6748

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678
Unmitigated	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678

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	0.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9773					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.8366	0.0423	2.5290	5.0300e-003		0.3616	0.3616		0.3616	0.3616	36.2894	14.9058	51.1952	0.0583	2.3800e-003	53.3625
Landscaping	0.1795	0.0683	5.9254	3.1000e-004		0.0327	0.0327		0.0327	0.0327	0.0000	9.6713	9.6713	9.3600e-003	0.0000	9.9053
Total	7.8467	0.1106	8.4545	5.3400e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9773					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.8366	0.0423	2.5290	5.0300e-003		0.3616	0.3616		0.3616	0.3616	36.2894	14.9058	51.1952	0.0583	2.3800e-003	53.3625
Landscaping	0.1795	0.0683	5.9254	3.1000e-004		0.0327	0.0327		0.0327	0.0327	0.0000	9.6713	9.6713	9.3600e-003	0.0000	9.9053
Total	7.8467	0.1106	8.4545	5.3400e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	226.3549	2.8644	0.0693	318.6105
Unmitigated	226.3549	2.8644	0.0693	318.6105

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7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	51.8626 / 32.696	131.3824	1.6951	0.0410	185.9725
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	31.091 / 19.0558	78.2071	1.0162	0.0246	110.9310
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3.2266 / 1.97759	8.1163	0.1055	2.5500e-003	11.5123
Total		226.3549	2.8644	0.0693	318.6105

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	51.8626 / 32.696	131.3824	1.6951	0.0410	185.9725
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	31.091 / 19.0558	78.2071	1.0162	0.0246	110.9310
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3.2266 / 1.97759	8.1163	0.1055	2.5500e-003	11.5123
Total		226.3549	2.8644	0.0693	318.6105

8.0 Waste Detail**8.1 Mitigation Measures Waste**

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	129.8594	7.6745	0.0000	321.7212
Unmitigated	129.8594	7.6745	0.0000	321.7212

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	366.16	74.3272	4.3926	0.0000	184.1424
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	162.68	33.0226	1.9516	0.0000	81.8120
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	45.74	9.2848	0.5487	0.0000	23.0027
Total		129.8594	7.6745	0.0000	321.7212

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	366.16	74.3272	4.3926	0.0000	184.1424
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	162.68	33.0226	1.9516	0.0000	81.8120
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	45.74	9.2848	0.5487	0.0000	23.0027
Total		129.8594	7.6745	0.0000	321.7212

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

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Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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IB-BUILD Big Green

San Francisco County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	3.74	Acre	3.74	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps - Assumed two of the eight total emergency generators would be assigned to this portion of the project.

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[illegible]

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	230.00	218.00
tblConstructionPhase	NumDays	8.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	3.50	4.00
tblLandUse	GreenSpaceSquareFeet	162,914.40	0.00
tblLandUse	LandUseSquareFeet	162,914.40	0.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	WorkerTripNumber	0.00	23.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	WD_TR	1.89	13.52

2.0 Emissions Summary

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2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1740	1.5445	1.3685	2.2800e-003	0.0373	0.0889	0.1262	0.0156	0.0835	0.0991	0.0000	197.4214	197.4214	0.0459	0.0000	198.5690
2021	0.0783	0.6971	0.7027	1.1800e-003	7.8700e-003	0.0382	0.0461	2.0900e-003	0.0359	0.0380	0.0000	101.8391	101.8391	0.0237	0.0000	102.4305
Maximum	0.1740	1.5445	1.3685	2.2800e-003	0.0373	0.0889	0.1262	0.0156	0.0835	0.0991	0.0000	197.4214	197.4214	0.0459	0.0000	198.5690

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0315	0.1779	1.4206	2.2800e-003	0.0215	3.3600e-003	0.0249	8.3300e-003	3.3500e-003	0.0117	0.0000	197.4212	197.4212	0.0459	0.0000	198.5688
2021	0.0161	0.0864	0.7439	1.1800e-003	6.1700e-003	1.7200e-003	7.8900e-003	1.6800e-003	1.7200e-003	3.4000e-003	0.0000	101.8390	101.8390	0.0237	0.0000	102.4304
Maximum	0.0315	0.1779	1.4206	2.2800e-003	0.0215	3.3600e-003	0.0249	8.3300e-003	3.3500e-003	0.0117	0.0000	197.4212	197.4212	0.0459	0.0000	198.5688

	ROG	NOx	CO	SO2	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	81.17	88.21	-4.51	0.00	38.74	96.00	80.99	43.35	95.75	89.00	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2020	9-30-2020	0.8700	0.1031
2	10-1-2020	12-31-2020	0.8451	0.1061
3	1-1-2021	3-31-2021	0.7121	0.0962
4	4-1-2021	6-30-2021	0.0623	0.0065
		Highest	0.8700	0.1061

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	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097
Waste						0.0000	0.0000		0.0000	0.0000	0.0650	0.0000	0.0650	3.8400e-003	0.0000	0.1609
Water						0.0000	0.0000		0.0000	0.0000	0.0000	4.5372	4.5372	2.1000e-004	4.0000e-005	4.5550
Total	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0650	7.2380	7.3029	4.4100e-003	4.0000e-005	7.4257

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097
Waste						0.0000	0.0000		0.0000	0.0000	0.0650	0.0000	0.0650	3.8400e-003	0.0000	0.1609
Water						0.0000	0.0000		0.0000	0.0000	0.0000	4.5372	4.5372	2.1000e-004	4.0000e-005	4.5550
Total	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0650	7.2380	7.3029	4.4100e-003	4.0000e-005	7.4257

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	7/1/2020	7/8/2020	6	7	
2	Building Construction	Building Construction	7/9/2020	3/19/2021	6	218	
3	Paving	Paving	3/20/2021	4/9/2021	6	18	
4	Architectural Coating	Architectural Coating	4/10/2021	4/30/2021	6	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

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

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0232	0.0000	0.0232	0.0118	0.0000	0.0118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5000e-003	0.0924	0.0562	1.0000e-004		4.4600e-003	4.4600e-003		4.1000e-003	4.1000e-003	0.0000	9.1206	9.1206	2.9500e-003	0.0000	9.1943
Total	8.5000e-003	0.0924	0.0562	1.0000e-004	0.0232	4.4600e-003	0.0277	0.0118	4.1000e-003	0.0159	0.0000	9.1206	9.1206	2.9500e-003	0.0000	9.1943

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3.2 Grading - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1800e-003	0.0000	4.1000e-004	0.0000	4.2000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3943	0.3943	1.0000e-005	0.0000	0.3945
Total	1.6000e-004	1.1000e-004	1.1800e-003	0.0000	4.1000e-004	0.0000	4.2000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3943	0.3943	1.0000e-005	0.0000	0.3945

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					0.0104	0.0000	0.0104	5.3200e-003	0.0000	5.3200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2700e-003	5.5100e-003	0.0621	1.0000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	9.1206	9.1206	2.9500e-003	0.0000	9.1943
Total	1.2700e-003	5.5100e-003	0.0621	1.0000e-004	0.0104	1.7000e-004	0.0106	5.3200e-003	1.7000e-004	5.4900e-003	0.0000	9.1206	9.1206	2.9500e-003	0.0000	9.1943

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3.2 Grading - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1800e-003	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3943	0.3943	1.0000e-005	0.0000	0.3945
Total	1.6000e-004	1.1000e-004	1.1800e-003	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3943	0.3943	1.0000e-005	0.0000	0.3945

3.3 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1601	1.4486	1.2721	2.0300e-003		0.0843	0.0843		0.0793	0.0793	0.0000	174.8655	174.8655	0.0427	0.0000	175.9321
Total	0.1601	1.4486	1.2721	2.0300e-003		0.0843	0.0843		0.0793	0.0793	0.0000	174.8655	174.8655	0.0427	0.0000	175.9321

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3.3 Building Construction - 2020**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	5.2800e-003	3.5100e-003	0.0390	1.4000e-004	0.0137	1.1000e-004	0.0138	3.6500e-003	1.0000e-004	3.7500e-003	0.0000	13.0410	13.0410	2.9000e-004	0.0000	13.0482
Total	5.2800e-003	3.5100e-003	0.0390	1.4000e-004	0.0137	1.1000e-004	0.0138	3.6500e-003	1.0000e-004	3.7500e-003	0.0000	13.0410	13.0410	2.9000e-004	0.0000	13.0482

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	0.0248	0.1687	1.3183	2.0300e-003		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	174.8653	174.8653	0.0427	0.0000	175.9319
Total	0.0248	0.1687	1.3183	2.0300e-003		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	174.8653	174.8653	0.0427	0.0000	175.9319

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3.3 Building Construction - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2800e-003	3.5100e-003	0.0390	1.4000e-004	0.0108	1.1000e-004	0.0109	2.9200e-003	1.0000e-004	3.0200e-003	0.0000	13.0410	13.0410	2.9000e-004	0.0000	13.0482
Total	5.2800e-003	3.5100e-003	0.0390	1.4000e-004	0.0108	1.1000e-004	0.0109	2.9200e-003	1.0000e-004	3.0200e-003	0.0000	13.0410	13.0410	2.9000e-004	0.0000	13.0482

3.3 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0637	0.5840	0.5553	9.0000e-004		0.0321	0.0321		0.0302	0.0302	0.0000	77.5985	77.5985	0.0187	0.0000	78.0665
Total	0.0637	0.5840	0.5553	9.0000e-004		0.0321	0.0321		0.0302	0.0302	0.0000	77.5985	77.5985	0.0187	0.0000	78.0665

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3.3 Building Construction - 2021**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	2.1900e-003	1.4000e-003	0.0160	6.0000e-005	6.0900e-003	5.0000e-005	6.1300e-003	1.6200e-003	4.0000e-005	1.6600e-003	0.0000	5.5798	5.5798	1.1000e-004	0.0000	5.5826
Total	2.1900e-003	1.4000e-003	0.0160	6.0000e-005	6.0900e-003	5.0000e-005	6.1300e-003	1.6200e-003	4.0000e-005	1.6600e-003	0.0000	5.5798	5.5798	1.1000e-004	0.0000	5.5826

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	0.0110	0.0749	0.5849	9.0000e-004		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	77.5984	77.5984	0.0187	0.0000	78.0664
Total	0.0110	0.0749	0.5849	9.0000e-004		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	77.5984	77.5984	0.0187	0.0000	78.0664

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3.3 Building Construction - 2021**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	2.1900e-003	1.4000e-003	0.0160	6.0000e-005	4.7700e-003	5.0000e-005	4.8200e-003	1.3000e-003	4.0000e-005	1.3400e-003	0.0000	5.5798	5.5798	1.1000e-004	0.0000	5.5826
Total	2.1900e-003	1.4000e-003	0.0160	6.0000e-005	4.7700e-003	5.0000e-005	4.8200e-003	1.3000e-003	4.0000e-005	1.3400e-003	0.0000	5.5798	5.5798	1.1000e-004	0.0000	5.5826

3.4 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8500e-003	0.0976	0.1103	1.7000e-004		5.2100e-003	5.2100e-003		4.8100e-003	4.8100e-003	0.0000	14.7336	14.7336	4.6300e-003	0.0000	14.8493
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.8500e-003	0.0976	0.1103	1.7000e-004		5.2100e-003	5.2100e-003		4.8100e-003	4.8100e-003	0.0000	14.7336	14.7336	4.6300e-003	0.0000	14.8493

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3.4 Paving - 2021**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	5.1000e-004	3.3000e-004	3.7400e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3035	1.3035	3.0000e-005	0.0000	1.3042
Total	5.1000e-004	3.3000e-004	3.7400e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3035	1.3035	3.0000e-005	0.0000	1.3042

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	1.9700e-003	8.5600e-003	0.1218	1.7000e-004		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	14.7335	14.7335	4.6300e-003	0.0000	14.8493
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9700e-003	8.5600e-003	0.1218	1.7000e-004		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	14.7335	14.7335	4.6300e-003	0.0000	14.8493

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3.4 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.3000e-004	3.7400e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	1.3035	1.3035	3.0000e-005	0.0000	1.3042
Total	5.1000e-004	3.3000e-004	3.7400e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	1.3035	1.3035	3.0000e-005	0.0000	1.3042

3.5 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9700e-003	0.0137	0.0164	3.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	2.2979	2.2979	1.6000e-004	0.0000	2.3019
Total	1.9700e-003	0.0137	0.0164	3.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	2.2979	2.2979	1.6000e-004	0.0000	2.3019

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3.5 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3259	0.3259	1.0000e-005	0.0000	0.3261
Total	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3259	0.3259	1.0000e-005	0.0000	0.3261

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7000e-004	1.1600e-003	0.0165	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.2979	2.2979	1.6000e-004	0.0000	2.3019
Total	2.7000e-004	1.1600e-003	0.0165	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.2979	2.2979	1.6000e-004	0.0000	2.3019

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3.5 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.3259	0.3259	1.0000e-005	0.0000	0.3261
Total	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.3259	0.3259	1.0000e-005	0.0000	0.3261

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097
Unmitigated	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	50.56	50.56	50.56	2,260	2,260
Total	50.56	50.56	50.56	2,260	2,260

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
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

[illegible]

5.2 Energy by Land Use - NaturalGas

Unmitigated

[illegible]

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Unmitigated	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005

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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Total	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Total	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005

7.0 Water Detail

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7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.5372	2.1000e-004	4.0000e-005	4.5550
Unmitigated	4.5372	2.1000e-004	4.0000e-005	4.5550

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.45614	4.5372	2.1000e-004	4.0000e-005	4.5550
Total		4.5372	2.1000e-004	4.0000e-005	4.5550

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.45614	4.5372	2.1000e-004	4.0000e-005	4.5550
Total		4.5372	2.1000e-004	4.0000e-005	4.5550

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0650	3.8400e-003	0.0000	0.1609
Unmitigated	0.0650	3.8400e-003	0.0000	0.1609

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
Total		0.0650	3.8400e-003	0.0000	0.1609

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
Total		0.0650	3.8400e-003	0.0000	0.1609

9.0 Operational Offroad

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

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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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IB-BUILD Shoreline Wetlands OS

San Francisco County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	5.13	Acre	5.13	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; City Pk LU incl. Structure, Ramps, Piers Over Water sf'gcc. Near/over-water constr emiss calc'd outside CalEEMod.

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

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[illegible]

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tblConstructionPhase	NumDays	230.00	249.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	11.00	10.00
tblLandUse	GreenSpaceSquareFeet	223,462.80	0.00
tblLandUse	LandUseSquareFeet	223,462.80	0.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	WorkerTripNumber	0.00	23.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	WD_TR	1.89	13.52

2.0 Emissions Summary

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2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0896	0.8387	0.6752	1.1600e-003	0.0780	0.0459	0.1239	0.0387	0.0429	0.0816	0.0000	100.8354	100.8354	0.0255	0.0000	101.4731
2021	0.2054	1.8353	1.8210	3.0600e-003	0.0192	0.1006	0.1197	5.0900e-003	0.0945	0.0996	0.0000	264.4976	264.4976	0.0613	0.0000	266.0303
Maximum	0.2054	1.8353	1.8210	3.0600e-003	0.0780	0.1006	0.1239	0.0387	0.0945	0.0996	0.0000	264.4976	264.4976	0.0613	0.0000	266.0303

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0158	0.0827	0.7113	1.1600e-003	0.0373	1.7400e-003	0.0390	0.0180	1.7400e-003	0.0198	0.0000	100.8353	100.8353	0.0255	0.0000	101.4730
2021	0.0418	0.2336	1.9351	3.0600e-003	0.0150	4.5100e-003	0.0195	4.0800e-003	4.5000e-003	8.5800e-003	0.0000	264.4973	264.4973	0.0613	0.0000	266.0300
Maximum	0.0418	0.2336	1.9351	3.0600e-003	0.0373	4.5100e-003	0.0390	0.0180	4.5000e-003	0.0198	0.0000	264.4973	264.4973	0.0613	0.0000	266.0300

	ROG	NOx	CO	SO2	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	80.48	88.17	-6.02	0.00	46.19	95.73	75.97	49.54	95.46	84.35	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-1-2020	12-31-2020	0.9283	0.0986
2	1-1-2021	3-31-2021	0.7503	0.1034
3	4-1-2021	6-30-2021	0.7580	0.1039
4	7-1-2021	9-30-2021	0.5343	0.0683
		Highest	0.9283	0.1039

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	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168
Waste						0.0000	0.0000		0.0000	0.0000	0.0893	0.0000	0.0893	5.2800e-003	0.0000	0.2213
Water						0.0000	0.0000		0.0000	0.0000	0.0000	6.2235	6.2235	2.8000e-004	6.0000e-005	6.2479
Total	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0893	9.9280	10.0173	6.0500e-003	6.0000e-005	10.1860

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168
Waste						0.0000	0.0000		0.0000	0.0000	0.0893	0.0000	0.0893	5.2800e-003	0.0000	0.2213
Water						0.0000	0.0000		0.0000	0.0000	0.0000	6.2235	6.2235	2.8000e-004	6.0000e-005	6.2479
Total	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0893	9.9280	10.0173	6.0500e-003	6.0000e-005	10.1860

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2020	10/26/2020	6	22	
2	Building Construction	Building Construction	10/27/2020	8/12/2021	6	249	
3	Paving	Paving	8/13/2021	9/7/2021	6	22	
4	Architectural Coating	Architectural Coating	9/8/2021	9/30/2021	6	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

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

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0716	0.0000	0.0716	0.0370	0.0000	0.0370	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0267	0.2902	0.1766	3.3000e-004		0.0140	0.0140		0.0129	0.0129	0.0000	28.6646	28.6646	9.2700e-003	0.0000	28.8964
Total	0.0267	0.2902	0.1766	3.3000e-004	0.0716	0.0140	0.0856	0.0370	0.0129	0.0499	0.0000	28.6646	28.6646	9.2700e-003	0.0000	28.8964

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3.2 Grading - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.3000e-004	3.7100e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.2391	1.2391	3.0000e-005	0.0000	1.2398
Total	5.0000e-004	3.3000e-004	3.7100e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.2391	1.2391	3.0000e-005	0.0000	1.2398

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					0.0322	0.0000	0.0322	0.0166	0.0000	0.0166	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9900e-003	0.0173	0.1953	3.3000e-004		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	28.6646	28.6646	9.2700e-003	0.0000	28.8964
Total	3.9900e-003	0.0173	0.1953	3.3000e-004	0.0322	5.3000e-004	0.0327	0.0166	5.3000e-004	0.0172	0.0000	28.6646	28.6646	9.2700e-003	0.0000	28.8964

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3.2 Grading - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.3000e-004	3.7100e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0300e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	1.2391	1.2391	3.0000e-005	0.0000	1.2398
Total	5.0000e-004	3.3000e-004	3.7100e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0300e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	1.2391	1.2391	3.0000e-005	0.0000	1.2398

3.3 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0604	0.5468	0.4802	7.7000e-004		0.0318	0.0318		0.0299	0.0299	0.0000	66.0089	66.0089	0.0161	0.0000	66.4114
Total	0.0604	0.5468	0.4802	7.7000e-004		0.0318	0.0318		0.0299	0.0299	0.0000	66.0089	66.0089	0.0161	0.0000	66.4114

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3.3 Building Construction - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9900e-003	1.3300e-003	0.0147	5.0000e-005	5.1800e-003	4.0000e-005	5.2200e-003	1.3800e-003	4.0000e-005	1.4100e-003	0.0000	4.9228	4.9228	1.1000e-004	0.0000	4.9255
Total	1.9900e-003	1.3300e-003	0.0147	5.0000e-005	5.1800e-003	4.0000e-005	5.2200e-003	1.3800e-003	4.0000e-005	1.4100e-003	0.0000	4.9228	4.9228	1.1000e-004	0.0000	4.9255

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	9.3400e-003	0.0637	0.4976	7.7000e-004		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	66.0088	66.0088	0.0161	0.0000	66.4114
Total	9.3400e-003	0.0637	0.4976	7.7000e-004		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	66.0088	66.0088	0.0161	0.0000	66.4114

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3.3 Building Construction - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9900e-003	1.3300e-003	0.0147	5.0000e-005	4.0600e-003	4.0000e-005	4.1000e-003	1.1000e-003	4.0000e-005	1.1400e-003	0.0000	4.9228	4.9228	1.1000e-004	0.0000	4.9255
Total	1.9900e-003	1.3300e-003	0.0147	5.0000e-005	4.0600e-003	4.0000e-005	4.1000e-003	1.1000e-003	4.0000e-005	1.1400e-003	0.0000	4.9228	4.9228	1.1000e-004	0.0000	4.9255

3.3 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1825	1.6735	1.5912	2.5800e-003		0.0920	0.0920		0.0865	0.0865	0.0000	222.3718	222.3718	0.0537	0.0000	223.7130
Total	0.1825	1.6735	1.5912	2.5800e-003		0.0920	0.0920		0.0865	0.0865	0.0000	222.3718	222.3718	0.0537	0.0000	223.7130

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3.3 Building Construction - 2021**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	6.2800e-003	4.0100e-003	0.0459	1.8000e-004	0.0175	1.3000e-004	0.0176	4.6400e-003	1.2000e-004	4.7600e-003	0.0000	15.9898	15.9898	3.3000e-004	0.0000	15.9979
Total	6.2800e-003	4.0100e-003	0.0459	1.8000e-004	0.0175	1.3000e-004	0.0176	4.6400e-003	1.2000e-004	4.7600e-003	0.0000	15.9898	15.9898	3.3000e-004	0.0000	15.9979

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	0.0315	0.2145	1.6762	2.5800e-003		3.9200e-003	3.9200e-003		3.9200e-003	3.9200e-003	0.0000	222.3715	222.3715	0.0537	0.0000	223.7127
Total	0.0315	0.2145	1.6762	2.5800e-003		3.9200e-003	3.9200e-003		3.9200e-003	3.9200e-003	0.0000	222.3715	222.3715	0.0537	0.0000	223.7127

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3.3 Building Construction - 2021**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	6.2800e-003	4.0100e-003	0.0459	1.8000e-004	0.0137	1.3000e-004	0.0138	3.7200e-003	1.2000e-004	3.8400e-003	0.0000	15.9898	15.9898	3.3000e-004	0.0000	15.9979
Total	6.2800e-003	4.0100e-003	0.0459	1.8000e-004	0.0137	1.3000e-004	0.0138	3.7200e-003	1.2000e-004	3.8400e-003	0.0000	15.9898	15.9898	3.3000e-004	0.0000	15.9979

3.4 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0138	0.1421	0.1612	2.5000e-004		7.4500e-003	7.4500e-003		6.8600e-003	6.8600e-003	0.0000	22.0258	22.0258	7.1200e-003	0.0000	22.2039
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0138	0.1421	0.1612	2.5000e-004		7.4500e-003	7.4500e-003		6.8600e-003	6.8600e-003	0.0000	22.0258	22.0258	7.1200e-003	0.0000	22.2039

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3.4 Paving - 2021**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	4.7000e-004	3.0000e-004	3.4300e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1949	1.1949	2.0000e-005	0.0000	1.1955
Total	4.7000e-004	3.0000e-004	3.4300e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1949	1.1949	2.0000e-005	0.0000	1.1955

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0134	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0258	22.0258	7.1200e-003	0.0000	22.2039
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.0900e-003	0.0134	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0258	22.0258	7.1200e-003	0.0000	22.2039

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3.4 Paving - 2021**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	4.7000e-004	3.0000e-004	3.4300e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0300e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	1.1949	1.1949	2.0000e-005	0.0000	1.1955
Total	4.7000e-004	3.0000e-004	3.4300e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0300e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	1.1949	1.1949	2.0000e-005	0.0000	1.1955

3.5 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1900e-003	0.0153	0.0182	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	2.1900e-003	0.0153	0.0182	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576

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3.5 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	9.0000e-005	1.0400e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3621	0.3621	1.0000e-005	0.0000	0.3623
Total	1.4000e-004	9.0000e-005	1.0400e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3621	0.3621	1.0000e-005	0.0000	0.3623

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
Total	3.0000e-004	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576

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3.5 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	9.0000e-005	1.0400e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3621	0.3621	1.0000e-005	0.0000	0.3623
Total	1.4000e-004	9.0000e-005	1.0400e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3621	0.3621	1.0000e-005	0.0000	0.3623

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168
Unmitigated	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	69.36	69.36	69.36	3,100	3,100
Total	69.36	69.36	69.36	3,100	3,100

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
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

 Historical Energy Use: N

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5.1 Mitigation Measures Energy

[illegible]

5.2 Energy by Land Use - NaturalGas

Unmitigated

[illegible]

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Unmitigated	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Total	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Total	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

7.0 Water Detail

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7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	6.2235	2.8000e-004	6.0000e-005	6.2479
Unmitigated	6.2235	2.8000e-004	6.0000e-005	6.2479

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 6.1123	6.2235	2.8000e-004	6.0000e-005	6.2479
Total		6.2235	2.8000e-004	6.0000e-005	6.2479

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 6.1123	6.2235	2.8000e-004	6.0000e-005	6.2479
Total		6.2235	2.8000e-004	6.0000e-005	6.2479

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0893	5.2800e-003	0.0000	0.2213
Unmitigated	0.0893	5.2800e-003	0.0000	0.2213

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2213
Total		0.0893	5.2800e-003	0.0000	0.2213

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2213
Total		0.0893	5.2800e-003	0.0000	0.2213

9.0 Operational Offroad

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

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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

IB-RPD 900 Innes - San Francisco County, Annual

IB-RPD 900 Innes
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	8.40	1000sqft	0.19	8,400.00	0
City Park	3.71	Acre	3.71	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2021
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Construction and Operations; assumed operational in 2020

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; City Pk LU incl. Structure, Ramps, Piers Over Water sf/g

Construction Phase - 6 days/work wk; all sub-phases do not overlap, 130 days demo equip only from RFI response; balance of default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Demolition - demo from PD

Grading - import/export amounts from RFI response

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	12.00
tblConstructionPhase	NumDays	230.00	154.00
tblConstructionPhase	NumDays	20.00	130.00
tblConstructionPhase	NumDays	8.00	5.00
tblConstructionPhase	NumDays	18.00	12.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	City Park	General Office Building

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tblGrading	AcresOfGrading	2.50	4.00
tblGrading	MaterialExported	0.00	2.00
tblGrading	MaterialImported	0.00	3,817.00
tblLandUse	GreenSpaceSquareFeet	161,607.60	0.00
tblLandUse	LandUseSquareFeet	161,607.60	0.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblTripsAndVMT	WorkerTripNumber	3.00	23.00
tblTripsAndVMT	WorkerTripNumber	1.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	6.62
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	6.62
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	6.62
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	2.46	8.41
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	1.05	8.41
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	11.03	8.41

2.0 Emissions Summary

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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					
2019	0.4819	4.2197	2.9831	5.2900e-003	0.0490	0.2252	0.2742	0.0166	0.2105	0.2270	0.0000	472.1504	472.1504	0.1169	0.0000	475.0724
Maximum	0.4819	4.2197	2.9831	5.2900e-003	0.0490	0.2252	0.2742	0.0166	0.2105	0.2270	0.0000	472.1504	472.1504	0.1169	0.0000	475.0724

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					
2019	0.1138	0.4250	3.0962	5.2900e-003	0.0315	8.0700e-003	0.0396	0.0101	8.0400e-003	0.0182	0.0000	472.1499	472.1499	0.1169	0.0000	475.0719
Maximum	0.1138	0.4250	3.0962	5.2900e-003	0.0315	8.0700e-003	0.0396	0.0101	8.0400e-003	0.0182	0.0000	472.1499	472.1499	0.1169	0.0000	475.0719

	ROG	NOx	CO	SO2	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	76.39	89.93	-3.79	0.00	35.69	96.42	85.56	38.93	96.18	92.00	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2019	3-31-2019	1.5225	0.1019
2	4-1-2019	6-30-2019	1.4474	0.1952
3	7-1-2019	9-30-2019	0.9345	0.1113
		Highest	1.5225	0.1952

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	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Energy	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.9106	39.9106	1.5800e-003	4.5000e-004	40.0846
Mobile	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829
Waste						0.0000	0.0000		0.0000	0.0000	1.6503	0.0000	1.6503	0.0975	0.0000	4.0886
Water						0.0000	0.0000		0.0000	0.0000	0.4737	7.7826	8.2563	0.0490	1.2200e-003	9.8453
Total	0.0633	0.0944	0.2303	7.0000e-004	0.0529	1.3900e-003	0.0543	0.0143	1.3400e-003	0.0156	2.1240	107.3037	109.4277	0.1510	1.6700e-003	113.7016

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Energy	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.9106	39.9106	1.5800e-003	4.5000e-004	40.0846
Mobile	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829
Waste						0.0000	0.0000		0.0000	0.0000	1.6503	0.0000	1.6503	0.0975	0.0000	4.0886
Water						0.0000	0.0000		0.0000	0.0000	0.4737	7.7826	8.2563	0.0490	1.2200e-003	9.8453
Total	0.0633	0.0944	0.2303	7.0000e-004	0.0529	1.3900e-003	0.0543	0.0143	1.3400e-003	0.0156	2.1240	107.3037	109.4277	0.1510	1.6700e-003	113.7016

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2019	5/31/2019	6	130	
2	Grading	Grading	6/1/2019	6/6/2019	6	5	
3	Building Construction	Building Construction	6/7/2019	12/3/2019	6	154	
4	Paving	Paving	12/4/2019	12/17/2019	6	12	
5	Architectural Coating	Architectural Coating	12/18/2019	12/31/2019	6	12	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 12,600; Non-Residential Outdoor: 4,200; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

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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
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	1.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	28.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	477.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 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					3.3200e-003	0.0000	3.3200e-003	5.0000e-004	0.0000	5.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2284	2.3259	1.4339	2.5200e-003		0.1167	0.1167		0.1085	0.1085	0.0000	225.0711	225.0711	0.0626	0.0000	226.6365
Total	0.2284	2.3259	1.4339	2.5200e-003	3.3200e-003	0.1167	0.1200	5.0000e-004	0.1085	0.1090	0.0000	225.0711	225.0711	0.0626	0.0000	226.6365

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3.2 Demolition - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	5.2800e-003	1.4700e-003	1.0000e-005	2.3000e-004	2.0000e-005	2.5000e-004	6.0000e-005	2.0000e-005	8.0000e-005	0.0000	1.2703	1.2703	2.2000e-004	0.0000	1.2758
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-003	2.2100e-003	0.0240	8.0000e-005	7.7000e-003	6.0000e-005	7.7600e-003	2.0500e-003	5.0000e-005	2.1000e-003	0.0000	7.5648	7.5648	1.8000e-004	0.0000	7.5693
Total	3.3300e-003	7.4900e-003	0.0255	9.0000e-005	7.9300e-003	8.0000e-005	8.0100e-003	2.1100e-003	7.0000e-005	2.1800e-003	0.0000	8.8350	8.8350	4.0000e-004	0.0000	8.8451

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.4900e-003	0.0000	1.4900e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0301	0.1302	1.5132	2.5200e-003		4.0100e-003	4.0100e-003		4.0100e-003	4.0100e-003	0.0000	225.0709	225.0709	0.0626	0.0000	226.6362
Total	0.0301	0.1302	1.5132	2.5200e-003	1.4900e-003	4.0100e-003	5.5000e-003	2.3000e-004	4.0100e-003	4.2400e-003	0.0000	225.0709	225.0709	0.0626	0.0000	226.6362

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3.2 Demolition - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	5.2800e-003	1.4700e-003	1.0000e-005	1.9000e-004	2.0000e-005	2.1000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	1.2703	1.2703	2.2000e-004	0.0000	1.2758
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-003	2.2100e-003	0.0240	8.0000e-005	6.0400e-003	6.0000e-005	6.1000e-003	1.6400e-003	5.0000e-005	1.7000e-003	0.0000	7.5648	7.5648	1.8000e-004	0.0000	7.5693
Total	3.3300e-003	7.4900e-003	0.0255	9.0000e-005	6.2300e-003	8.0000e-005	6.3100e-003	1.6900e-003	7.0000e-005	1.7700e-003	0.0000	8.8350	8.8350	4.0000e-004	0.0000	8.8451

3.3 Grading - 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					0.0177	0.0000	0.0177	8.5900e-003	0.0000	8.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4500e-003	0.0709	0.0407	7.0000e-005		3.4900e-003	3.4900e-003		3.2100e-003	3.2100e-003	0.0000	6.6606	6.6606	2.1100e-003	0.0000	6.7133
Total	6.4500e-003	0.0709	0.0407	7.0000e-005	0.0177	3.4900e-003	0.0212	8.5900e-003	3.2100e-003	0.0118	0.0000	6.6606	6.6606	2.1100e-003	0.0000	6.7133

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3.3 Grading - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1800e-003	0.0899	0.0251	2.0000e-004	4.0000e-003	3.4000e-004	4.3400e-003	1.1000e-003	3.3000e-004	1.4200e-003	0.0000	21.6399	21.6399	3.7900e-003	0.0000	21.7346
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	1.2000e-004	9.0000e-005	9.2000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2910	0.2910	1.0000e-005	0.0000	0.2911
Total	2.3000e-003	0.0900	0.0260	2.0000e-004	4.3000e-003	3.4000e-004	4.6400e-003	1.1800e-003	3.3000e-004	1.5000e-003	0.0000	21.9308	21.9308	3.8000e-003	0.0000	22.0257

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					7.9800e-003	0.0000	7.9800e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1000e-004	3.9300e-003	0.0444	7.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6606	6.6606	2.1100e-003	0.0000	6.7132
Total	9.1000e-004	3.9300e-003	0.0444	7.0000e-005	7.9800e-003	1.2000e-004	8.1000e-003	3.8700e-003	1.2000e-004	3.9900e-003	0.0000	6.6606	6.6606	2.1100e-003	0.0000	6.7132

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3.3 Grading - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1800e-003	0.0899	0.0251	2.0000e-004	3.2500e-003	3.4000e-004	3.5900e-003	9.1000e-004	3.3000e-004	1.2400e-003	0.0000	21.6399	21.6399	3.7900e-003	0.0000	21.7346
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	1.2000e-004	9.0000e-005	9.2000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.2910	0.2910	1.0000e-005	0.0000	0.2911
Total	2.3000e-003	0.0900	0.0260	2.0000e-004	3.4800e-003	3.4000e-004	3.8200e-003	9.7000e-004	3.3000e-004	1.3100e-003	0.0000	21.9308	21.9308	3.8000e-003	0.0000	22.0257

3.4 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1818	1.6231	1.3216	2.0700e-003		0.0993	0.0993		0.0934	0.0934	0.0000	181.0302	181.0302	0.0441	0.0000	182.1328
Total	0.1818	1.6231	1.3216	2.0700e-003		0.0993	0.0993		0.0934	0.0934	0.0000	181.0302	181.0302	0.0441	0.0000	182.1328

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3.4 Building Construction - 2019**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	3.5000e-004	0.0105	3.1200e-003	2.0000e-005	5.0000e-004	7.0000e-005	5.7000e-004	1.5000e-004	6.0000e-005	2.1000e-004	0.0000	2.1528	2.1528	2.9000e-004	0.0000	2.1601
Worker	5.8000e-003	4.0200e-003	0.0436	1.5000e-004	0.0140	1.1000e-004	0.0141	3.7200e-003	1.0000e-004	3.8200e-003	0.0000	13.7407	13.7407	3.3000e-004	0.0000	13.7489
Total	6.1500e-003	0.0145	0.0468	1.7000e-004	0.0145	1.8000e-004	0.0147	3.8700e-003	1.6000e-004	4.0300e-003	0.0000	15.8935	15.8935	6.2000e-004	0.0000	15.9089

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	0.0252	0.1721	1.3444	2.0700e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	181.0300	181.0300	0.0441	0.0000	182.1325
Total	0.0252	0.1721	1.3444	2.0700e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	181.0300	181.0300	0.0441	0.0000	182.1325

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3.4 Building Construction - 2019**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	3.5000e-004	0.0105	3.1200e-003	2.0000e-005	4.1000e-004	7.0000e-005	4.8000e-004	1.2000e-004	6.0000e-005	1.9000e-004	0.0000	2.1528	2.1528	2.9000e-004	0.0000	2.1601
Worker	5.8000e-003	4.0200e-003	0.0436	1.5000e-004	0.0110	1.1000e-004	0.0111	2.9800e-003	1.0000e-004	3.0800e-003	0.0000	13.7407	13.7407	3.3000e-004	0.0000	13.7489
Total	6.1500e-003	0.0145	0.0468	1.7000e-004	0.0114	1.8000e-004	0.0116	3.1000e-003	1.6000e-004	3.2700e-003	0.0000	15.8935	15.8935	6.2000e-004	0.0000	15.9089

3.5 Paving - 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	7.6100e-003	0.0766	0.0739	1.1000e-004		4.3200e-003	4.3200e-003		3.9800e-003	3.9800e-003	0.0000	10.0334	10.0334	3.0900e-003	0.0000	10.1106
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.6100e-003	0.0766	0.0739	1.1000e-004		4.3200e-003	4.3200e-003		3.9800e-003	3.9800e-003	0.0000	10.0334	10.0334	3.0900e-003	0.0000	10.1106

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3.5 Paving - 2019**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	3.9000e-004	2.7000e-004	2.9600e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9311	0.9311	2.0000e-005	0.0000	0.9316
Total	3.9000e-004	2.7000e-004	2.9600e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9311	0.9311	2.0000e-005	0.0000	0.9316

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	1.3200e-003	5.7100e-003	0.0812	1.1000e-004		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	10.0334	10.0334	3.0900e-003	0.0000	10.1105
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.3200e-003	5.7100e-003	0.0812	1.1000e-004		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	10.0334	10.0334	3.0900e-003	0.0000	10.1105

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3.5 Paving - 2019**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	3.9000e-004	2.7000e-004	2.9600e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9311	0.9311	2.0000e-005	0.0000	0.9316
Total	3.9000e-004	2.7000e-004	2.9600e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9311	0.9311	2.0000e-005	0.0000	0.9316

3.6 Architectural Coating - 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					
Archit. Coating	0.0438					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-003	0.0110	0.0111	2.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	1.5320	1.5320	1.3000e-004	0.0000	1.5352
Total	0.0454	0.0110	0.0111	2.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	1.5320	1.5320	1.3000e-004	0.0000	1.5352

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3.6 Architectural Coating - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	7.4000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	0.0000	0.2329
Total	1.0000e-004	7.0000e-005	7.4000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	0.0000	0.2329

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	0.0438					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	7.7000e-004	0.0110	2.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.5320	1.5320	1.3000e-004	0.0000	1.5352
Total	0.0440	7.7000e-004	0.0110	2.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.5320	1.5320	1.3000e-004	0.0000	1.5352

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3.6 Architectural Coating - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	7.4000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	0.0000	0.2329
Total	1.0000e-004	7.0000e-005	7.4000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	0.0000	0.2329

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829
Unmitigated	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	50.16	50.16	50.16	2,242	2,242
General Office Building	70.64	70.64	70.64	139,265	139,265
Total	120.80	120.80	120.80	141,507	141,507

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
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
General Office Building	6.62	6.62	6.62	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.606408	0.040118	0.191445	0.088323	0.014900	0.004926	0.028280	0.008891	0.004289	0.004272	0.006741	0.000931	0.000477
General Office Building	0.606408	0.040118	0.191445	0.088323	0.014900	0.004926	0.028280	0.008891	0.004289	0.004272	0.006741	0.000931	0.000477

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	31.2055	31.2055	1.4100e-003	2.9000e-004	31.3278
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	31.2055	31.2055	1.4100e-003	2.9000e-004	31.3278
NaturalGas Mitigated	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569
NaturalGas Unmitigated	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569

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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
General Office Building	163128	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569
Total		8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569

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
General Office Building	163128	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569
Total		8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569

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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			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	107268	31.2055	1.4100e-003	2.9000e-004	31.3278
Total		31.2055	1.4100e-003	2.9000e-004	31.3278

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	107268	31.2055	1.4100e-003	2.9000e-004	31.3278
Total		31.2055	1.4100e-003	2.9000e-004	31.3278

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Unmitigated	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

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	4.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Total	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Total	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8.2563	0.0490	1.2200e-003	9.8453
Unmitigated	8.2563	0.0490	1.2200e-003	9.8453

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.4204	4.5008	2.0000e-004	4.0000e-005	4.5184
General Office Building	1.49296 / 0.915042	3.7554	0.0488	1.1800e-003	5.3268
Total		8.2562	0.0490	1.2200e-003	9.8453

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.4204	4.5008	2.0000e-004	4.0000e-005	4.5184
General Office Building	1.49296 / 0.915042	3.7554	0.0488	1.1800e-003	5.3268
Total		8.2562	0.0490	1.2200e-003	9.8453

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.6503	0.0975	0.0000	4.0886
Unmitigated	1.6503	0.0975	0.0000	4.0886

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
General Office Building	7.81	1.5854	0.0937	0.0000	3.9277
Total		1.6503	0.0975	0.0000	4.0886

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
General Office Building	7.81	1.5854	0.0937	0.0000	3.9277
Total		1.6503	0.0975	0.0000	4.0886

9.0 Operational Offroad

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

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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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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	6.10	1000sqft	0.14	6,100.00	0
Other Asphalt Surfaces	9.35	1000sqft	0.21	0.00	0
Other Non-Asphalt Surfaces	9.35	1000sqft	0.21	0.00	0
City Park	9.58	Acre	9.58	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Construction and Operations; assumed operational in 2021

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; Pkg (asphalt/non-asphalt) = (outdoor pkg + streets/sidewalks)/2; City Pk LU incl. Structure, Ramps, Piers Over Water sf'gcc. Near/over-water constr emiss calc'd outside CalEEMod.

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Grading - import/export amounts from RFI response

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	17.00
tblConstructionPhase	NumDays	300.00	241.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	General Office Building

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tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	Other Asphalt Surfaces
tblFleetMix	FleetMixLandUseSubType	City Park	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	60.00	75.00
tblGrading	MaterialExported	0.00	28,358.00
tblGrading	MaterialImported	0.00	26,544.00
tblLandUse	BuildingSpaceSquareFeet	9,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	9,350.00	0.00
tblLandUse	GreenSpaceSquareFeet	417,304.80	0.00
tblLandUse	LandUseSquareFeet	9,350.00	0.00
tblLandUse	LandUseSquareFeet	9,350.00	0.00
tblLandUse	LandUseSquareFeet	417,304.80	0.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	WorkerTripNumber	2.00	23.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	6.62
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	6.62
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	6.62
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	2.46	8.41
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	1.05	8.41
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	11.03	8.41

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2.0 Emissions Summary**2.1 Overall Construction****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4182	4.5238	3.1525	7.6900e-003	0.2045	0.1847	0.3892	0.0682	0.1730	0.2412	0.0000	724.4878	724.4878	0.1582	0.0000	728.4417
Maximum	0.4182	4.5238	3.1525	7.6900e-003	0.2045	0.1847	0.3892	0.0682	0.1730	0.2412	0.0000	724.4878	724.4878	0.1582	0.0000	728.4417

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1248	1.5528	3.2721	7.6900e-003	0.1218	0.0107	0.1326	0.0392	0.0106	0.0498	0.0000	724.4873	724.4873	0.1582	0.0000	728.4412
Maximum	0.1248	1.5528	3.2721	7.6900e-003	0.1218	0.0107	0.1326	0.0392	0.0106	0.0498	0.0000	724.4873	724.4873	0.1582	0.0000	728.4412

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	ROG	NOx	CO	SO2	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	70.17	65.68	-3.79	0.00	40.43	94.19	65.94	42.47	93.89	79.35	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2020	3-31-2020	2.5833	1.3521
2	4-1-2020	6-30-2020	0.8402	0.1092
3	7-1-2020	9-30-2020	0.8494	0.1104
		Highest	2.5833	1.3521

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	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Energy	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	28.9827	28.9827	1.1500e-003	3.3000e-004	29.1091
Mobile	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835
Waste						0.0000	0.0000		0.0000	0.0000	1.3174	0.0000	1.3174	0.0779	0.0000	3.2638
Water						0.0000	0.0000		0.0000	0.0000	0.3440	14.0052	14.3492	0.0360	9.7000e-004	15.5358
Total	0.0581	0.1025	0.2243	5.4000e-004	0.0400	1.0900e-003	0.0411	0.0108	1.0500e-003	0.0118	1.6614	90.0056	91.6670	0.1176	1.3000e-003	94.9929

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Energy	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	28.9827	28.9827	1.1500e-003	3.3000e-004	29.1091
Mobile	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835
Waste						0.0000	0.0000		0.0000	0.0000	1.3174	0.0000	1.3174	0.0779	0.0000	3.2638
Water						0.0000	0.0000		0.0000	0.0000	0.3440	14.0052	14.3492	0.0360	9.7000e-004	15.5358
Total	0.0581	0.1025	0.2243	5.4000e-004	0.0400	1.0900e-003	0.0411	0.0108	1.0500e-003	0.0118	1.6614	90.0056	91.6670	0.1176	1.3000e-003	94.9929

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	1/18/2020	6	16	
2	Grading	Grading	1/19/2020	2/15/2020	6	24	
3	Building Construction	Building Construction	2/16/2020	11/23/2020	6	241	
4	Paving	Paving	11/24/2020	12/11/2020	6	16	
5	Architectural Coating	Architectural Coating	12/12/2020	12/31/2020	6	17	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0.42

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,150; Non-Residential Outdoor: 3,050; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	6,863.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	1.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0265	0.2656	0.1740	3.1000e-004		0.0133	0.0133		0.0123	0.0123	0.0000	27.1989	27.1989	7.6800e-003	0.0000	27.3908
Total	0.0265	0.2656	0.1740	3.1000e-004		0.0133	0.0133		0.0123	0.0123	0.0000	27.1989	27.1989	7.6800e-003	0.0000	27.3908

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3.2 Demolition - 2020**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	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
Total	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017

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	3.7000e-003	0.0160	0.1862	3.1000e-004		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	27.1989	27.1989	7.6800e-003	0.0000	27.3908
Total	3.7000e-003	0.0160	0.1862	3.1000e-004		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	27.1989	27.1989	7.6800e-003	0.0000	27.3908

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3.2 Demolition - 2020**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	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
Total	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017

3.3 Grading - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1201	0.0000	0.1201	0.0452	0.0000	0.0452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0534	0.6024	0.3835	7.4000e-004		0.0261	0.0261		0.0240	0.0240	0.0000	65.3812	65.3812	0.0212	0.0000	65.9098
Total	0.0534	0.6024	0.3835	7.4000e-004	0.1201	0.0261	0.1462	0.0452	0.0240	0.0692	0.0000	65.3812	65.3812	0.0212	0.0000	65.9098

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3.3 Grading - 2020**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	0.0274	1.1953	0.3535	2.8800e-003	0.0576	3.5100e-003	0.0611	0.0158	3.3600e-003	0.0192	0.0000	306.5515	306.5515	0.0549	0.0000	307.9242
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	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.9000e-003	1.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
Total	0.0281	1.1958	0.3589	2.9000e-003	0.0595	3.5200e-003	0.0630	0.0163	3.3700e-003	0.0197	0.0000	308.3539	308.3539	0.0550	0.0000	309.7276

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					0.0541	0.0000	0.0541	0.0204	0.0000	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1400e-003	0.0396	0.3960	7.4000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	65.3811	65.3811	0.0212	0.0000	65.9097
Total	9.1400e-003	0.0396	0.3960	7.4000e-004	0.0541	1.2200e-003	0.0553	0.0204	1.2200e-003	0.0216	0.0000	65.3811	65.3811	0.0212	0.0000	65.9097

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3.3 Grading - 2020**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	0.0274	1.1953	0.3535	2.8800e-003	0.0467	3.5100e-003	0.0502	0.0131	3.3600e-003	0.0165	0.0000	306.5515	306.5515	0.0549	0.0000	307.9242
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	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
Total	0.0281	1.1958	0.3589	2.9000e-003	0.0482	3.5200e-003	0.0517	0.0135	3.3700e-003	0.0169	0.0000	308.3539	308.3539	0.0550	0.0000	309.7276

3.4 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2554	2.3119	2.0302	3.2400e-003		0.1346	0.1346		0.1266	0.1266	0.0000	279.0900	279.0900	0.0681	0.0000	280.7922
Total	0.2554	2.3119	2.0302	3.2400e-003		0.1346	0.1346		0.1266	0.1266	0.0000	279.0900	279.0900	0.0681	0.0000	280.7922

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3.4 Building Construction - 2020**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	4.4000e-004	0.0151	4.4600e-003	3.0000e-005	7.9000e-004	7.0000e-005	8.5000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	3.3356	3.3356	4.5000e-004	0.0000	3.3467
Worker	8.4200e-003	5.6000e-003	0.0623	2.3000e-004	0.0219	1.7000e-004	0.0221	5.8300e-003	1.6000e-004	5.9800e-003	0.0000	20.8138	20.8138	4.6000e-004	0.0000	20.8252
Total	8.8600e-003	0.0207	0.0668	2.6000e-004	0.0227	2.4000e-004	0.0229	6.0600e-003	2.2000e-004	6.2700e-003	0.0000	24.1494	24.1494	9.1000e-004	0.0000	24.1719

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	0.0395	0.2693	2.1040	3.2400e-003		4.9200e-003	4.9200e-003		4.9200e-003	4.9200e-003	0.0000	279.0897	279.0897	0.0681	0.0000	280.7919
Total	0.0395	0.2693	2.1040	3.2400e-003		4.9200e-003	4.9200e-003		4.9200e-003	4.9200e-003	0.0000	279.0897	279.0897	0.0681	0.0000	280.7919

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3.4 Building Construction - 2020**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	4.4000e-004	0.0151	4.4600e-003	3.0000e-005	6.5000e-004	7.0000e-005	7.2000e-004	1.9000e-004	6.0000e-005	2.6000e-004	0.0000	3.3356	3.3356	4.5000e-004	0.0000	3.3467
Worker	8.4200e-003	5.6000e-003	0.0623	2.3000e-004	0.0172	1.7000e-004	0.0173	4.6700e-003	1.6000e-004	4.8200e-003	0.0000	20.8138	20.8138	4.6000e-004	0.0000	20.8252
Total	8.8600e-003	0.0207	0.0668	2.6000e-004	0.0178	2.4000e-004	0.0181	4.8600e-003	2.2000e-004	5.0800e-003	0.0000	24.1494	24.1494	9.1000e-004	0.0000	24.1719

3.5 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1125	0.1172	1.8000e-004		6.0200e-003	6.0200e-003		5.5400e-003	5.5400e-003	0.0000	16.0226	16.0226	5.1800e-003	0.0000	16.1521
Paving	2.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0111	0.1125	0.1172	1.8000e-004		6.0200e-003	6.0200e-003		5.5400e-003	5.5400e-003	0.0000	16.0226	16.0226	5.1800e-003	0.0000	16.1521

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3.5 Paving - 2020**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	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
Total	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017

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	2.2400e-003	9.7200e-003	0.1384	1.8000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	16.0226	16.0226	5.1800e-003	0.0000	16.1521
Paving	2.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.5200e-003	9.7200e-003	0.1384	1.8000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	16.0226	16.0226	5.1800e-003	0.0000	16.1521

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3.5 Paving - 2020**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	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
Total	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017

3.6 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0318					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0600e-003	0.0143	0.0156	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.1703	2.1703	1.7000e-004	0.0000	2.1745
Total	0.0339	0.0143	0.0156	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.1703	2.1703	1.7000e-004	0.0000	2.1745

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3.6 Architectural Coating - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.6000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3192	0.3192	1.0000e-005	0.0000	0.3194
Total	1.3000e-004	9.0000e-005	9.6000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3192	0.3192	1.0000e-005	0.0000	0.3194

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	0.0318					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5000e-004	1.0900e-003	0.0156	3.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	2.1703	2.1703	1.7000e-004	0.0000	2.1745
Total	0.0321	1.0900e-003	0.0156	3.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	2.1703	2.1703	1.7000e-004	0.0000	2.1745

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3.6 Architectural Coating - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.6000e-004	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3192	0.3192	1.0000e-005	0.0000	0.3194
Total	1.3000e-004	9.0000e-005	9.6000e-004	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3192	0.3192	1.0000e-005	0.0000	0.3194

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835
Unmitigated	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	129.52	129.52	129.52	5,790	5,790
General Office Building	51.30	51.30	51.30	101,133	101,133
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	180.82	180.82	180.82	106,923	106,923

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
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
General Office Building	6.62	6.62	6.62	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
General Office Building	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	22.6611	22.6611	1.0200e-003	2.1000e-004	22.7499
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	22.6611	22.6611	1.0200e-003	2.1000e-004	22.7499
NaturalGas Mitigated	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592
NaturalGas Unmitigated	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592

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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
General Office Building	118462	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
General Office Building	118462	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592

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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			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	77897	22.6611	1.0200e-003	2.1000e-004	22.7499
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		22.6611	1.0200e-003	2.1000e-004	22.7499

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	77897	22.6611	1.0200e-003	2.1000e-004	22.7499
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		22.6611	1.0200e-003	2.1000e-004	22.7499

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Unmitigated	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004

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	3.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0238					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Total	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0238					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Total	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	14.3492	0.0360	9.7000e-004	15.5358
Unmitigated	14.3492	0.0360	9.7000e-004	15.5358

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 11.4144	11.6220	5.3000e-004	1.1000e-004	11.6676
General Office Building	1.08418 / 0.664495	2.7272	0.0354	8.6000e-004	3.8683
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		14.3492	0.0360	9.7000e-004	15.5358

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 11.4144	11.6220	5.3000e-004	1.1000e-004	11.6676
General Office Building	1.08418 / 0.664495	2.7272	0.0354	8.6000e-004	3.8683
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		14.3492	0.0360	9.7000e-004	15.5358

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.3174	0.0779	0.0000	3.2638
Unmitigated	1.3174	0.0779	0.0000	3.2638

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.82	0.1665	9.8400e-003	0.0000	0.4124
General Office Building	5.67	1.1510	0.0680	0.0000	2.8515
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		1.3174	0.0779	0.0000	3.2638

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.82	0.1665	9.8400e-003	0.0000	0.4124
General Office Building	5.67	1.1510	0.0680	0.0000	2.8515
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		1.3174	0.0779	0.0000	3.2638

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

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Equipment Type	Number

11.0 Vegetation

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IB-BUILD Flats and Earl Construction

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	117.04	1000sqft	0.00	117,040.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
Other Non-Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
City Park	0.97	Acre	0.97	0.00	0
Condo/Townhouse High Rise	444.00	Dwelling Unit	3.10	570,819.00	1218
Regional Shopping Center	28.24	1000sqft	0.00	28,240.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Construction and Operations; assumed operational in 2023

Land Use - Acreage/sq footage taken from Dec 2016 RFI response

Construction Phase - 6 days/work wk; default days ratio'd up

Grading - equipment only; import/export hauling assumed in first 9 mos

Vehicle Trips - CityPk (Public Rec/OS)/other LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	558.00
tblConstructionPhase	NumDays	230.00	475.00
tblConstructionPhase	NumDays	20.00	26.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/24/2024	10/31/2022
tblConstructionPhase	PhaseStartDate	9/13/2022	1/19/2021
tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	City Park
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Condo/Townhouse High Rise
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces

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tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	20.50	10.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	444,000.00	570,819.00
tblLandUse	GreenSpaceSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	444,000.00	570,819.00
tblLandUse	LotAcreage	2.69	0.00
tblLandUse	LotAcreage	6.94	3.10
tblLandUse	LotAcreage	0.65	0.00
tblLandUse	Population	1,270.00	1,218.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	0.28
tblVehicleTrips	HO_TL	5.70	6.70
tblVehicleTrips	HS_TL	4.80	6.70
tblVehicleTrips	HW_TL	10.80	6.70
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.69
tblVehicleTrips	ST_TR	49.97	83.67

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tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.69
tblVehicleTrips	SU_TR	25.24	83.67
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.69
tblVehicleTrips	WD_TR	42.70	83.67

2.0 Emissions Summary

IB-BUILD Flats and Earl Construction - San Francisco County, Annual

2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0758	0.7754	0.5003	9.2000e-004	0.1318	0.0381	0.1700	0.0693	0.0353	0.1046	0.0000	81.0034	81.0034	0.0235	0.0000	81.5909
2021	2.7958	4.3464	4.6380	0.0129	0.7333	0.1723	0.9056	0.2309	0.1626	0.3935	0.0000	1,182.5252	1,182.5252	0.1406	0.0000	1,186.0405
2022	2.2887	2.5468	3.0442	8.2400e-003	0.3859	0.0979	0.4838	0.1036	0.0924	0.1960	0.0000	753.0782	753.0782	0.0929	0.0000	755.4009
Maximum	2.7958	4.3464	4.6380	0.0129	0.7333	0.1723	0.9056	0.2309	0.1626	0.3935	0.0000	1,182.5252	1,182.5252	0.1406	0.0000	1,186.0405

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0119	0.0473	0.5422	9.2000e-004	0.0604	1.4500e-003	0.0618	0.0315	1.4500e-003	0.0329	0.0000	81.0034	81.0034	0.0235	0.0000	81.5908
2021	2.5187	1.6999	4.7863	0.0129	0.5347	0.0138	0.5485	0.1618	0.0134	0.1752	0.0000	1,182.5248	1,182.5248	0.1406	0.0000	1,186.0400
2022	2.1272	0.9931	3.1993	8.2400e-003	0.3042	8.8900e-003	0.3131	0.0836	8.6200e-003	0.0922	0.0000	753.0778	753.0778	0.0929	0.0000	755.4005
Maximum	2.5187	1.6999	4.7863	0.0129	0.5347	0.0138	0.5485	0.1618	0.0134	0.1752	0.0000	1,182.5248	1,182.5248	0.1406	0.0000	1,186.0400

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	ROG	NOx	CO	SO2	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	9.74	64.27	-4.22	0.00	28.12	92.17	40.79	31.43	91.93	56.74	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2020	1-31-2021	1.3275	0.2337
2	2-1-2021	4-30-2021	1.7788	1.0786
3	5-1-2021	7-31-2021	1.8277	1.1039
4	8-1-2021	10-31-2021	1.8333	1.1095
5	11-1-2021	1-31-2022	1.8078	1.1125
6	2-1-2022	4-30-2022	1.6741	1.0556
7	5-1-2022	7-31-2022	1.6895	1.0589
8	8-1-2022	9-30-2022	0.6705	0.4347
		Highest	1.8333	1.1125

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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	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843
Energy	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,213.0209	1,213.0209	0.0476	0.0138	1,218.3366
Mobile	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660
Waste						0.0000	0.0000		0.0000	0.0000	47.4938	0.0000	47.4938	2.8068	0.0000	117.6639
Water						0.0000	0.0000		0.0000	0.0000	9.8413	69.8809	79.7222	1.0140	0.0245	112.3782
Total	4.6558	2.8000	10.8680	0.0214	1.3872	0.2596	1.6467	0.3737	0.2583	0.6320	77.5769	2,845.1316	2,922.7085	3.9837	0.0397	3,034.1290

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843
Energy	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,213.0209	1,213.0209	0.0476	0.0138	1,218.3366
Mobile	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660
Waste						0.0000	0.0000		0.0000	0.0000	47.4938	0.0000	47.4938	2.8068	0.0000	117.6639
Water						0.0000	0.0000		0.0000	0.0000	9.8413	69.8809	79.7222	1.0140	0.0245	112.3782
Total	4.6558	2.8000	10.8680	0.0214	1.3872	0.2596	1.6467	0.3737	0.2583	0.6320	77.5769	2,845.1316	2,922.7085	3.9837	0.0397	3,034.1290

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2020	12/1/2020	6	26	
2	Grading	Grading	12/2/2020	1/18/2021	6	41	
3	Building Construction	Building Construction	1/19/2021	7/26/2022	6	475	
4	Paving	Paving	7/27/2022	9/12/2022	6	41	
5	Architectural Coating	Architectural Coating	1/19/2021	10/31/2022	6	558	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 1.72

Residential Indoor: 1,155,908; Residential Outdoor: 385,303; Non-Residential Indoor: 42,360; Non-Residential Outdoor: 14,120; Striped Parking Area: 7,022 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	378.00	71.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	76.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.4316	0.2828	5.0000e-004		0.0216	0.0216		0.0200	0.0200	0.0000	44.1982	44.1982	0.0125	0.0000	44.5101
Total	0.0431	0.4316	0.2828	5.0000e-004		0.0216	0.0216		0.0200	0.0200	0.0000	44.1982	44.1982	0.0125	0.0000	44.5101

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3.2 Demolition - 2020**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	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0100e-003	0.0260	0.3026	5.0000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	44.1981	44.1981	0.0125	0.0000	44.5101
Total	6.0100e-003	0.0260	0.3026	5.0000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	44.1981	44.1981	0.0125	0.0000	44.5101

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3.2 Demolition - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

3.3 Grading - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0316	0.3430	0.2087	3.9000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	33.8764	33.8764	0.0110	0.0000	34.1503
Total	0.0316	0.3430	0.2087	3.9000e-004	0.1288	0.0166	0.1453	0.0684	0.0152	0.0837	0.0000	33.8764	33.8764	0.0110	0.0000	34.1503

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3.3 Grading - 2020**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	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

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					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7200e-003	0.0205	0.2308	3.9000e-004		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	33.8763	33.8763	0.0110	0.0000	34.1502
Total	4.7200e-003	0.0205	0.2308	3.9000e-004	0.0579	6.3000e-004	0.0586	0.0308	6.3000e-004	0.0314	0.0000	33.8763	33.8763	0.0110	0.0000	34.1502

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3.3 Grading - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

3.3 Grading - 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					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1855	0.1189	2.2000e-004		8.7000e-003	8.7000e-003		8.0000e-003	8.0000e-003	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6983
Total	0.0172	0.1855	0.1189	2.2000e-004	0.1288	8.7000e-003	0.1375	0.0684	8.0000e-003	0.0764	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6983

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3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	8.9000e-004	1.0000e-005	9.0000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
Total	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	8.9000e-004	1.0000e-005	9.0000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151

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					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7200e-003	0.0118	0.1332	2.2000e-004		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6982
Total	2.7200e-003	0.0118	0.1332	2.2000e-004	0.0579	3.6000e-004	0.0583	0.0308	3.6000e-004	0.0312	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6982

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3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.0000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
Total	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.0000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151

3.4 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2832	2.5974	2.4697	4.0100e-003		0.1428	0.1428		0.1343	0.1343	0.0000	345.1395	345.1395	0.0833	0.0000	347.2212
Total	0.2832	2.5974	2.4697	4.0100e-003		0.1428	0.1428		0.1343	0.1343	0.0000	345.1395	345.1395	0.0833	0.0000	347.2212

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3.4 Building Construction - 2021**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	0.0323	1.2128	0.3701	2.8200e-003	0.0691	2.7200e-003	0.0719	0.0200	2.6000e-003	0.0226	0.0000	289.1129	289.1129	0.0384	0.0000	290.0718
Worker	0.1603	0.1024	1.1707	4.5100e-003	0.4451	3.3600e-003	0.4484	0.1184	3.1000e-003	0.1215	0.0000	407.8690	407.8690	8.3600e-003	0.0000	408.0780
Total	0.1926	1.3152	1.5409	7.3300e-003	0.5142	6.0800e-003	0.5203	0.1384	5.7000e-003	0.1441	0.0000	696.9818	696.9818	0.0467	0.0000	698.1497

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	0.0489	0.3330	2.6016	4.0100e-003		6.0800e-003	6.0800e-003		6.0800e-003	6.0800e-003	0.0000	345.1391	345.1391	0.0833	0.0000	347.2208
Total	0.0489	0.3330	2.6016	4.0100e-003		6.0800e-003	6.0800e-003		6.0800e-003	6.0800e-003	0.0000	345.1391	345.1391	0.0833	0.0000	347.2208

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3.4 Building Construction - 2021**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	0.0323	1.2128	0.3701	2.8200e-003	0.0569	2.7200e-003	0.0597	0.0170	2.6000e-003	0.0196	0.0000	289.1129	289.1129	0.0384	0.0000	290.0718
Worker	0.1603	0.1024	1.1707	4.5100e-003	0.3489	3.3600e-003	0.3523	0.0948	3.1000e-003	0.0979	0.0000	407.8690	407.8690	8.3600e-003	0.0000	408.0780
Total	0.1926	1.3152	1.5409	7.3300e-003	0.4059	6.0800e-003	0.4120	0.1118	5.7000e-003	0.1175	0.0000	696.9818	696.9818	0.0467	0.0000	698.1497

3.4 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1510	1.3820	1.4482	2.3800e-003		0.0716	0.0716		0.0674	0.0674	0.0000	205.0768	205.0768	0.0491	0.0000	206.3051
Total	0.1510	1.3820	1.4482	2.3800e-003		0.0716	0.0716		0.0674	0.0674	0.0000	205.0768	205.0768	0.0491	0.0000	206.3051

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3.4 Building Construction - 2022**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	0.0180	0.6820	0.2158	1.6400e-003	0.0411	1.4300e-003	0.0425	0.0119	1.3700e-003	0.0132	0.0000	169.4538	169.4538	0.0225	0.0000	170.0157
Worker	0.0898	0.0549	0.6482	2.5800e-003	0.2643	1.9700e-003	0.2663	0.0703	1.8100e-003	0.0721	0.0000	233.2628	233.2628	4.4900e-003	0.0000	233.3752
Total	0.1078	0.7370	0.8639	4.2200e-003	0.3054	3.4000e-003	0.3088	0.0822	3.1800e-003	0.0854	0.0000	402.7166	402.7166	0.0270	0.0000	403.3908

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	0.0290	0.1978	1.5452	2.3800e-003		3.6100e-003	3.6100e-003		3.6100e-003	3.6100e-003	0.0000	205.0766	205.0766	0.0491	0.0000	206.3049
Total	0.0290	0.1978	1.5452	2.3800e-003		3.6100e-003	3.6100e-003		3.6100e-003	3.6100e-003	0.0000	205.0766	205.0766	0.0491	0.0000	206.3049

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3.4 Building Construction - 2022**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	0.0180	0.6820	0.2158	1.6400e-003	0.0338	1.4300e-003	0.0353	0.0101	1.3700e-003	0.0115	0.0000	169.4538	169.4538	0.0225	0.0000	170.0157
Worker	0.0898	0.0549	0.6482	2.5800e-003	0.2073	1.9700e-003	0.2092	0.0563	1.8100e-003	0.0581	0.0000	233.2628	233.2628	4.4900e-003	0.0000	233.3752
Total	0.1078	0.7370	0.8639	4.2200e-003	0.2411	3.4000e-003	0.2445	0.0664	3.1800e-003	0.0696	0.0000	402.7166	402.7166	0.0270	0.0000	403.3908

3.5 Paving - 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	0.0226	0.2281	0.2989	4.7000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	41.0565	41.0565	0.0133	0.0000	41.3885
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0237	0.2281	0.2989	4.7000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	41.0565	41.0565	0.0133	0.0000	41.3885

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3.5 Paving - 2022**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	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
Total	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.7500e-003	0.0249	0.3546	4.7000e-004		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	41.0564	41.0564	0.0133	0.0000	41.3884
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.8800e-003	0.0249	0.3546	4.7000e-004		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	41.0564	41.0564	0.0133	0.0000	41.3884

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3.5 Paving - 2022**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	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	1.9100e-003	2.0000e-005	1.9200e-003	5.2000e-004	2.0000e-005	5.3000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
Total	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	1.9100e-003	2.0000e-005	1.9200e-003	5.2000e-004	2.0000e-005	5.3000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2376					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0326	0.2275	0.2708	4.4000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	38.0435	38.0435	2.6100e-003	0.0000	38.1088
Total	2.2702	0.2275	0.2708	4.4000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	38.0435	38.0435	2.6100e-003	0.0000	38.1088

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3.6 Architectural Coating - 2021**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	0.0322	0.0206	0.2354	9.1000e-004	0.0895	6.8000e-004	0.0902	0.0238	6.2000e-004	0.0244	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
Total	0.0322	0.0206	0.2354	9.1000e-004	0.0895	6.8000e-004	0.0902	0.0238	6.2000e-004	0.0244	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474

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	2.2376					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4300e-003	0.0192	0.2730	4.4000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	38.0434	38.0434	2.6100e-003	0.0000	38.1087
Total	2.2420	0.0192	0.2730	4.4000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	38.0434	38.0434	2.6100e-003	0.0000	38.1087

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3.6 Architectural Coating - 2021**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	0.0322	0.0206	0.2354	9.1000e-004	0.0702	6.8000e-004	0.0708	0.0191	6.2000e-004	0.0197	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
Total	0.0322	0.0206	0.2354	9.1000e-004	0.0702	6.8000e-004	0.0708	0.0191	6.2000e-004	0.0197	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474

3.6 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	1.9789	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

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3.6 Architectural Coating - 2022**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	0.0265	0.0162	0.1914	7.6000e-004	0.0781	5.8000e-004	0.0787	0.0208	5.4000e-004	0.0213	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
Total	0.0265	0.0162	0.1914	7.6000e-004	0.0781	5.8000e-004	0.0787	0.0208	5.4000e-004	0.0213	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250

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	1.9523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	1.9561	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

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3.6 Architectural Coating - 2022**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	0.0265	0.0162	0.1914	7.6000e-004	0.0612	5.8000e-004	0.0618	0.0166	5.4000e-004	0.0172	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
Total	0.0265	0.0162	0.1914	7.6000e-004	0.0612	5.8000e-004	0.0618	0.0166	5.4000e-004	0.0172	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660
Unmitigated	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	13.11	13.11	13.11	586	586
Condo/Townhouse High Rise	1,638.36	1,638.36	1,638.36	3,547,913	3,547,913
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	2,362.84	2,362.84	2,362.84	160,576	160,576
Total	4,014.32	4,014.32	4,014.32	3,709,075	3,709,075

4.3 Trip Type Information

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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
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.70	6.70	6.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Condo/Townhouse High Rise	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Enclosed Parking with Elevator	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Regional Shopping Center	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	935.0145	935.0145	0.0423	8.7500e-003	938.6782
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	935.0145	935.0145	0.0423	8.7500e-003	938.6782
NaturalGas Mitigated	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0064	278.0064	5.3300e-003	5.1000e-003	279.6584
NaturalGas Unmitigated	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0064	278.0064	5.3300e-003	5.1000e-003	279.6584

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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
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547
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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	130469	7.0000e-004	6.4000e-003	5.3700e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	6.9623	6.9623	1.3000e-004	1.3000e-004	7.0037
Total		0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0064	278.0064	5.3300e-003	5.1000e-003	279.6584

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547
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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	130469	7.0000e-004	6.4000e-003	5.3700e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	6.9623	6.9623	1.3000e-004	1.3000e-004	7.0037
Total		0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0064	278.0064	5.3300e-003	5.1000e-003	279.6584

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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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	788850	229.4854	0.0104	2.1500e-003	230.3846
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	302450	87.9863	3.9800e-003	8.2000e-004	88.3311
Total		935.0145	0.0423	8.7500e-003	938.6782

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	788850	229.4854	0.0104	2.1500e-003	230.3846
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	302450	87.9863	3.9800e-003	8.2000e-004	88.3311
Total		935.0145	0.0423	8.7500e-003	938.6782

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843
Unmitigated	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843

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	0.4190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3472					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0999	0.0381	3.3023	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.3891	5.3891	5.2100e-003	0.0000	5.5193
Total	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3472					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0999	0.0381	3.3023	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.3891	5.3891	5.2100e-003	0.0000	5.5193
Total	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	79.7222	1.0140	0.0245	112.3782
Unmitigated	79.7222	1.0140	0.0245	112.3782

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7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.09181 / 1.28208	5.2618	0.0684	1.6500e-003	7.4635
Total		79.7222	1.0140	0.0245	112.3782

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.09181 / 1.28208	5.2618	0.0684	1.6500e-003	7.4635
Total		79.7222	1.0140	0.0245	112.3782

8.0 Waste Detail**8.1 Mitigation Measures Waste**

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	47.4938	2.8068	0.0000	117.6639
Unmitigated	47.4938	2.8068	0.0000	117.6639

IB-BUILD Flats and Earl Construction - San Francisco County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.65	6.0187	0.3557	0.0000	14.9110
Total		47.4938	2.8068	0.0000	117.6639

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.65	6.0187	0.3557	0.0000	14.9110
Total		47.4938	2.8068	0.0000	117.6639

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

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Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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IB-BUILD Beach and Pier OS

San Francisco County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.34	Acre	2.34	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction and Operations; assumed operational in 2023

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; City Pk LU incl. Structure, Ramps, Piers Over Water sf'gcc. Near/over-water constr emiss calc'd outside CalEEMod.

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd up

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

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[illegible]

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tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDays	220.00	266.00
tblConstructionPhase	NumDays	6.00	23.00
tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	11.50	3.00
tblLandUse	GreenSpaceSquareFeet	101,930.40	0.00
tblLandUse	LandUseSquareFeet	101,930.40	0.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblTripsAndVMT	WorkerTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	WD_TR	1.89	13.52

2.0 Emissions Summary

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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					
2021	0.0529	0.4736	0.3393	6.5000e-004	0.0741	0.0228	0.0969	0.0391	0.0215	0.0606	0.0000	54.9721	54.9721	0.0129	0.0000	55.2952
2022	0.2325	1.7918	1.8227	3.2700e-003	0.0196	0.0864	0.1060	5.2000e-003	0.0828	0.0880	0.0000	273.1513	273.1513	0.0507	0.0000	274.4179
Maximum	0.2325	1.7918	1.8227	3.2700e-003	0.0741	0.0864	0.1060	0.0391	0.0828	0.0880	0.0000	273.1513	273.1513	0.0507	0.0000	274.4179

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					
2021	9.0200e-003	0.0714	0.3581	6.5000e-004	0.0345	9.4000e-004	0.0354	0.0179	9.4000e-004	0.0188	0.0000	54.9720	54.9720	0.0129	0.0000	55.2951
2022	0.0470	0.4670	1.8992	3.2700e-003	0.0153	4.4900e-003	0.0198	4.1600e-003	4.4800e-003	8.6400e-003	0.0000	273.1510	273.1510	0.0507	0.0000	274.4176
Maximum	0.0470	0.4670	1.8992	3.2700e-003	0.0345	4.4900e-003	0.0354	0.0179	4.4800e-003	0.0188	0.0000	273.1510	273.1510	0.0507	0.0000	274.4176

	ROG	NOx	CO	SO2	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	80.38	76.23	-4.41	0.00	46.86	95.03	72.79	50.19	94.80	81.50	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2021	1-31-2022	0.7388	0.1372
2	2-1-2022	4-30-2022	0.6313	0.1637
3	5-1-2022	7-31-2022	0.6522	0.1689
4	8-1-2022	9-30-2022	0.4325	0.1120
		Highest	0.7388	0.1689

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	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501
Waste						0.0000	0.0000		0.0000	0.0000	0.0406	0.0000	0.0406	2.4000e-003	0.0000	0.1006
Water						0.0000	0.0000		0.0000	0.0000	0.0000	2.8388	2.8388	1.3000e-004	3.0000e-005	2.8499
Total	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0406	4.4838	4.5244	2.7300e-003	3.0000e-005	4.6007

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501
Waste						0.0000	0.0000		0.0000	0.0000	0.0406	0.0000	0.0406	2.4000e-003	0.0000	0.1006
Water						0.0000	0.0000		0.0000	0.0000	0.0000	2.8388	2.8388	1.3000e-004	3.0000e-005	2.8499
Total	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0406	4.4838	4.5244	2.7300e-003	3.0000e-005	4.6007

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

IB-BUILD Beach and Pier OS - San Francisco County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	11/1/2021	11/26/2021	6	23	
2	Building Construction	Building Construction	11/27/2021	10/3/2022	6	266	
3	Paving	Paving	10/4/2022	10/17/2022	6	12	
4	Architectural Coating	Architectural Coating	10/18/2022	10/31/2022	6	12	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 3

Acres of Paving: 0

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

OffRoad Equipment

IB-BUILD Beach and Pier OS - San Francisco County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading - 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					
Fugitive Dust					0.0708	0.0000	0.0708	0.0382	0.0000	0.0382	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0210	0.2325	0.1122	2.4000e-004		0.0105	0.0105		9.6900e-003	9.6900e-003	0.0000	20.8195	20.8195	6.7300e-003	0.0000	20.9878
Total	0.0210	0.2325	0.1122	2.4000e-004	0.0708	0.0105	0.0814	0.0382	9.6900e-003	0.0479	0.0000	20.8195	20.8195	6.7300e-003	0.0000	20.9878

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3.2 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.1000e-004	2.3900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8328	0.8328	2.0000e-005	0.0000	0.8332
Total	3.3000e-004	2.1000e-004	2.3900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8328	0.8328	2.0000e-005	0.0000	0.8332

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					0.0319	0.0000	0.0319	0.0172	0.0000	0.0172	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-003	0.0126	0.1254	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	20.8194	20.8194	6.7300e-003	0.0000	20.9878
Total	2.9000e-003	0.0126	0.1254	2.4000e-004	0.0319	3.9000e-004	0.0323	0.0172	3.9000e-004	0.0176	0.0000	20.8194	20.8194	6.7300e-003	0.0000	20.9878

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3.2 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.1000e-004	2.3900e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8328	0.8328	2.0000e-005	0.0000	0.8332
Total	3.3000e-004	2.1000e-004	2.3900e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8328	0.8328	2.0000e-005	0.0000	0.8332

3.3 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0307	0.2404	0.2184	3.8000e-004		0.0123	0.0123		0.0118	0.0118	0.0000	31.1473	31.1473	6.1300e-003	0.0000	31.3005
Total	0.0307	0.2404	0.2184	3.8000e-004		0.0123	0.0123		0.0118	0.0118	0.0000	31.1473	31.1473	6.1300e-003	0.0000	31.3005

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3.3 Building Construction - 2021**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	8.5000e-004	5.5000e-004	6.2400e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.1725	2.1725	4.0000e-005	0.0000	2.1736
Total	8.5000e-004	5.5000e-004	6.2400e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.1725	2.1725	4.0000e-005	0.0000	2.1736

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9400e-003	0.0581	0.2240	3.8000e-004		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	31.1473	31.1473	6.1300e-003	0.0000	31.3005
Total	4.9400e-003	0.0581	0.2240	3.8000e-004		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	31.1473	31.1473	6.1300e-003	0.0000	31.3005

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3.3 Building Construction - 2021**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	8.5000e-004	5.5000e-004	6.2400e-003	2.0000e-005	1.8600e-003	2.0000e-005	1.8800e-003	5.0000e-004	2.0000e-005	5.2000e-004	0.0000	2.1725	2.1725	4.0000e-005	0.0000	2.1736
Total	8.5000e-004	5.5000e-004	6.2400e-003	2.0000e-005	1.8600e-003	2.0000e-005	1.8800e-003	5.0000e-004	2.0000e-005	5.2000e-004	0.0000	2.1725	2.1725	4.0000e-005	0.0000	2.1736

3.3 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2190	1.7233	1.6937	2.9500e-003		0.0829	0.0829		0.0794	0.0794	0.0000	245.0625	245.0625	0.0473	0.0000	246.2445
Total	0.2190	1.7233	1.6937	2.9500e-003		0.0829	0.0829		0.0794	0.0794	0.0000	245.0625	245.0625	0.0473	0.0000	246.2445

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3.3 Building Construction - 2022**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	6.3400e-003	3.8800e-003	0.0457	1.8000e-004	0.0187	1.4000e-004	0.0188	4.9600e-003	1.3000e-004	5.0900e-003	0.0000	16.4559	16.4559	3.2000e-004	0.0000	16.4639
Total	6.3400e-003	3.8800e-003	0.0457	1.8000e-004	0.0187	1.4000e-004	0.0188	4.9600e-003	1.3000e-004	5.0900e-003	0.0000	16.4559	16.4559	3.2000e-004	0.0000	16.4639

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	0.0389	0.4567	1.7624	2.9500e-003		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	245.0622	245.0622	0.0473	0.0000	246.2442
Total	0.0389	0.4567	1.7624	2.9500e-003		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	245.0622	245.0622	0.0473	0.0000	246.2442

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3.3 Building Construction - 2022**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	6.3400e-003	3.8800e-003	0.0457	1.8000e-004	0.0146	1.4000e-004	0.0148	3.9700e-003	1.3000e-004	4.1000e-003	0.0000	16.4559	16.4559	3.2000e-004	0.0000	16.4639
Total	6.3400e-003	3.8800e-003	0.0457	1.8000e-004	0.0146	1.4000e-004	0.0148	3.9700e-003	1.3000e-004	4.1000e-003	0.0000	16.4559	16.4559	3.2000e-004	0.0000	16.4639

3.4 Paving - 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	5.6500e-003	0.0560	0.0702	1.1000e-004		2.9300e-003	2.9300e-003		2.7000e-003	2.7000e-003	0.0000	9.3060	9.3060	2.9500e-003	0.0000	9.3798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.6500e-003	0.0560	0.0702	1.1000e-004		2.9300e-003	2.9300e-003		2.7000e-003	2.7000e-003	0.0000	9.3060	9.3060	2.9500e-003	0.0000	9.3798

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3.4 Paving - 2022**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	2.4000e-004	1.5000e-004	1.7400e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6276	0.6276	1.0000e-005	0.0000	0.6279
Total	2.4000e-004	1.5000e-004	1.7400e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6276	0.6276	1.0000e-005	0.0000	0.6279

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	1.2600e-003	5.4700e-003	0.0778	1.1000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	9.3060	9.3060	2.9500e-003	0.0000	9.3798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2600e-003	5.4700e-003	0.0778	1.1000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	9.3060	9.3060	2.9500e-003	0.0000	9.3798

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3.4 Paving - 2022**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	2.4000e-004	1.5000e-004	1.7400e-003	1.0000e-005	5.6000e-004	1.0000e-005	5.6000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.6276	0.6276	1.0000e-005	0.0000	0.6279
Total	2.4000e-004	1.5000e-004	1.7400e-003	1.0000e-005	5.6000e-004	1.0000e-005	5.6000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.6276	0.6276	1.0000e-005	0.0000	0.6279

3.5 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2300e-003	8.4500e-003	0.0109	2.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	1.5320	1.5320	1.0000e-004	0.0000	1.5345
Total	1.2300e-003	8.4500e-003	0.0109	2.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	1.5320	1.5320	1.0000e-004	0.0000	1.5345

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3.5 Architectural Coating - 2022**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	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1674	0.1674	0.0000	0.0000	0.1674
Total	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1674	0.1674	0.0000	0.0000	0.1674

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	7.7000e-004	0.0110	2.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.5320	1.5320	1.0000e-004	0.0000	1.5344
Total	1.8000e-004	7.7000e-004	0.0110	2.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.5320	1.5320	1.0000e-004	0.0000	1.5344

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3.5 Architectural Coating - 2022**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	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1674	0.1674	0.0000	0.0000	0.1674
Total	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1674	0.1674	0.0000	0.0000	0.1674

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501
Unmitigated	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	31.64	31.64	31.64	1,414	1,414
Total	31.64	31.64	31.64	1,414	1,414

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
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

[illegible]

5.2 Energy by Land Use - NaturalGas

Unmitigated

[illegible]

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Unmitigated	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Total	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Total	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

7.0 Water Detail

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7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.8388	1.3000e-004	3.0000e-005	2.8499
Unmitigated	2.8388	1.3000e-004	3.0000e-005	2.8499

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.78807	2.8388	1.3000e-004	3.0000e-005	2.8499
Total		2.8388	1.3000e-004	3.0000e-005	2.8499

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.78807	2.8388	1.3000e-004	3.0000e-005	2.8499
Total		2.8388	1.3000e-004	3.0000e-005	2.8499

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0406	2.4000e-003	0.0000	0.1006
Unmitigated	0.0406	2.4000e-003	0.0000	0.1006

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Total		0.0406	2.4000e-003	0.0000	0.1006

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Total		0.0406	2.4000e-003	0.0000	0.1006

9.0 Operational Offroad

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

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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	860.00	1000sqft	4.80	860,000.00	0
Elementary School	50.00	1000sqft	0.50	50,000.00	0
Enclosed Parking with Elevator	593.95	1000sqft	0.00	593,950.00	0
Other Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
Other Non-Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
City Park	1.74	Acre	1.74	0.00	0
Condo/Townhouse High Rise	56.00	Dwelling Unit	1.70	263,885.00	153
Regional Shopping Center	83.16	1000sqft	0.00	83,160.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; 56 du x 2.74 residents/du (density, from F&P Daily VMT calcs) = 153; Pkg (asphalt/non-asphalt) = (outdoor pkg + streets/sidewalks)/2; Resid LU incl. Cmmn Courtyd +Roof Terrace sfg's

Construction Phase - 6 days/work wk; default days ratio'd up

Grading - equipment only; import/export hauling assumed in first 9 mos

Vehicle Trips - CityPk (Public Rec/OS) LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps - Assumed four of the eight total emergency generators would be assigned to this portion of the project.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	648.00
tblConstructionPhase	NumDays	300.00	572.00
tblConstructionPhase	NumDays	30.00	57.00
tblConstructionPhase	NumDays	20.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	12/27/2022	1/30/2021
tblConstructionPhase	PhaseStartDate	12/2/2020	1/6/2019
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	Elementary School	Condo/Townhouse High Rise

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tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	Elementary School
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	General Office Building
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces
tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	142.50	75.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	56,000.00	263,885.00
tblLandUse	GreenSpaceSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	56,000.00	263,885.00
tblLandUse	LotAcreage	19.74	4.80
tblLandUse	LotAcreage	1.15	0.50
tblLandUse	LotAcreage	13.64	0.00
tblLandUse	LotAcreage	0.88	1.70
tblLandUse	LotAcreage	1.91	0.00
tblLandUse	Population	160.00	153.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblVehicleTrips	CC_TL	7.30	0.55
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	4.66
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.55
tblVehicleTrips	CNW_TL	7.30	4.66

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tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.55
tblVehicleTrips	CW_TL	9.50	4.66
tblVehicleTrips	CW_TL	9.50	0.28
tblVehicleTrips	HO_TL	5.70	6.42
tblVehicleTrips	HS_TL	4.80	6.42
tblVehicleTrips	HW_TL	10.80	6.42
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.85
tblVehicleTrips	ST_TR	2.46	11.95
tblVehicleTrips	ST_TR	49.97	81.59
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.85
tblVehicleTrips	SU_TR	1.05	11.95
tblVehicleTrips	SU_TR	25.24	81.59
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.85
tblVehicleTrips	WD_TR	15.43	25.58
tblVehicleTrips	WD_TR	11.03	11.95
tblVehicleTrips	WD_TR	42.70	81.59

2.0 Emissions Summary

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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					
2018	0.1342	1.5489	0.9265	1.6600e-003	0.2155	0.0685	0.2840	0.0997	0.0630	0.1628	0.0000	151.4490	151.4490	0.0460	0.0000	152.5980
2019	4.3766	9.5106	7.4627	0.0258	1.3752	0.2660	1.6411	0.4144	0.2516	0.6659	0.0000	2,440.3909	2,440.3909	0.2713	0.0000	2,447.1736
2020	4.2397	7.5643	6.2424	0.0221	1.0229	0.1994	1.2223	0.2774	0.1886	0.4660	0.0000	2,095.8335	2,095.8335	0.2317	0.0000	2,101.6253
2021	0.2947	0.0228	0.0569	1.7000e-004	0.0126	1.3200e-003	0.0140	3.3600e-003	1.3100e-003	4.6700e-003	0.0000	14.8988	14.8988	4.7000e-004	0.0000	14.9104
Maximum	4.3766	9.5106	7.4627	0.0258	1.3752	0.2660	1.6411	0.4144	0.2516	0.6659	0.0000	2,440.3909	2,440.3909	0.2713	0.0000	2,447.1736

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2.1 Overall Construction**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.0217	0.0871	0.8722	1.6600e-003	0.0984	2.6700e-003	0.1010	0.0453	2.6700e-003	0.0479	0.0000	151.4488	151.4488	0.0460	0.0000	152.5978
2019	4.0171	6.2177	7.5060	0.0258	1.0181	0.0487	1.0668	0.3010	0.0466	0.3477	0.0000	2,440.3904	2,440.3904	0.2713	0.0000	2,447.1731
2020	3.9569	4.9283	6.3550	0.0221	0.8110	0.0320	0.8430	0.2254	0.0307	0.2561	0.0000	2,095.8331	2,095.8331	0.2317	0.0000	2,101.6248
2021	0.2922	4.5800e-003	0.0571	1.7000e-004	9.9100e-003	1.5000e-004	0.0101	2.6900e-003	1.4000e-004	2.8300e-003	0.0000	14.8988	14.8988	4.7000e-004	0.0000	14.9104
Maximum	4.0171	6.2177	7.5060	0.0258	1.0181	0.0487	1.0668	0.3010	0.0466	0.3477	0.0000	2,440.3904	2,440.3904	0.2713	0.0000	2,447.1731

	ROG	NOx	CO	SO2	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	8.37	39.73	-0.69	0.00	26.23	84.40	36.08	27.74	84.12	49.63	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2018	1-31-2019	2.8187	0.8631
2	2-1-2019	4-30-2019	3.4028	2.5324
3	5-1-2019	7-31-2019	3.4852	2.5854
4	8-1-2019	10-31-2019	3.5017	2.6019
5	11-1-2019	1-31-2020	3.4551	2.5860
6	2-1-2020	4-30-2020	3.2145	2.4234
7	5-1-2020	7-31-2020	3.2582	2.4495
8	8-1-2020	10-31-2020	3.2722	2.4635

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9	11-1-2020	1-31-2021	1.2244	0.9666
		Highest	3.5017	2.6019

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	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823
Energy	0.1000	0.9076	0.7502	5.4600e-003		0.0691	0.0691		0.0691	0.0691	0.0000	5,752.5413	5,752.5413	0.2343	0.0627	5,777.0856
Mobile	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790
Waste						0.0000	0.0000		0.0000	0.0000	198.5313	0.0000	198.5313	11.7329	0.0000	491.8528
Water						0.0000	0.0000		0.0000	0.0000	52.0643	365.8082	417.8725	5.3641	0.1297	590.6208
Total	9.2494	12.2331	28.7556	0.0820	6.2706	0.1885	6.4590	1.6893	0.1826	1.8719	253.1486	13,122.6077	13,375.7563	17.6872	0.1926	13,875.3204

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823
Energy	0.1000	0.9076	0.7502	5.4600e-003		0.0691	0.0691		0.0691	0.0691	0.0000	5,752.5413	5,752.5413	0.2343	0.0627	5,777.0856
Mobile	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790
Waste						0.0000	0.0000		0.0000	0.0000	198.5313	0.0000	198.5313	11.7329	0.0000	491.8528
Water						0.0000	0.0000		0.0000	0.0000	52.0643	365.8082	417.8725	5.3641	0.1297	590.6208
Total	9.2494	12.2331	28.7556	0.0820	6.2706	0.1885	6.4590	1.6893	0.1826	1.8719	253.1486	13,122.6077	13,375.7563	17.6872	0.1926	13,875.3204

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	11/1/2018	1/5/2019	6	57	
2	Building Construction	Building Construction	1/6/2019	11/3/2020	6	572	
3	Paving	Paving	11/4/2020	12/1/2020	6	24	
4	Architectural Coating	Architectural Coating	1/6/2019	1/30/2021	6	648	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 2.7

Residential Indoor: 534,367; Residential Outdoor: 178,122; Non-Residential Indoor: 1,489,740; Non-Residential Outdoor: 496,580; Striped Parking Area: 35,637 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	613.00	266.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	123.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Grading - 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					0.2114	0.0000	0.2114	0.0986	0.0000	0.0986	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1323	1.5476	0.9123	1.6100e-003		0.0685	0.0685		0.0630	0.0630	0.0000	147.2861	147.2861	0.0459	0.0000	148.4324
Total	0.1323	1.5476	0.9123	1.6100e-003	0.2114	0.0685	0.2799	0.0986	0.0630	0.1616	0.0000	147.2861	147.2861	0.0459	0.0000	148.4324

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3.2 Grading - 2018**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	4.1100e-003	3.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
Total	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	4.1100e-003	3.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656

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					0.0951	0.0000	0.0951	0.0444	0.0000	0.0444	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.0858	0.8580	1.6100e-003		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	147.2859	147.2859	0.0459	0.0000	148.4322
Total	0.0198	0.0858	0.8580	1.6100e-003	0.0951	2.6400e-003	0.0978	0.0444	2.6400e-003	0.0470	0.0000	147.2859	147.2859	0.0459	0.0000	148.4322

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3.2 Grading - 2018**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.8000e-004	3.0000e-005	9.0000e-004	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
Total	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.8000e-004	3.0000e-005	9.0000e-004	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656

3.2 Grading - 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					0.2114	0.0000	0.2114	0.0986	0.0000	0.0986	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0119	0.1363	0.0834	1.6000e-004		5.9600e-003	5.9600e-003		5.4800e-003	5.4800e-003	0.0000	13.9253	13.9253	4.4100e-003	0.0000	14.0355
Total	0.0119	0.1363	0.0834	1.6000e-004	0.2114	5.9600e-003	0.2174	0.0986	5.4800e-003	0.1041	0.0000	13.9253	13.9253	4.4100e-003	0.0000	14.0355

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3.2 Grading - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.2300e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3879	0.3879	1.0000e-005	0.0000	0.3882
Total	1.6000e-004	1.1000e-004	1.2300e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3879	0.3879	1.0000e-005	0.0000	0.3882

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					0.0951	0.0000	0.0951	0.0444	0.0000	0.0444	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-003	8.2500e-003	0.0825	1.6000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	13.9253	13.9253	4.4100e-003	0.0000	14.0355
Total	1.9000e-003	8.2500e-003	0.0825	1.6000e-004	0.0951	2.5000e-004	0.0954	0.0444	2.5000e-004	0.0446	0.0000	13.9253	13.9253	4.4100e-003	0.0000	14.0355

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3.2 Grading - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.2300e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3879	0.3879	1.0000e-005	0.0000	0.3882
Total	1.6000e-004	1.1000e-004	1.2300e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3879	0.3879	1.0000e-005	0.0000	0.3882

3.3 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3636	3.2461	2.6432	4.1400e-003		0.1986	0.1986		0.1868	0.1868	0.0000	362.0605	362.0605	0.0882	0.0000	364.2655
Total	0.3636	3.2461	2.6432	4.1400e-003		0.1986	0.1986		0.1868	0.1868	0.0000	362.0605	362.0605	0.0882	0.0000	364.2655

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3.3 Building Construction - 2019**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	0.1852	5.5884	1.6588	0.0113	0.2678	0.0346	0.3024	0.0774	0.0331	0.1105	0.0000	1,145.2923	1,145.2923	0.1544	0.0000	1,149.1530
Worker	0.3094	0.2140	2.3257	8.1000e-003	0.7460	5.7700e-003	0.7517	0.1984	5.3100e-003	0.2038	0.0000	732.4390	732.4390	0.0174	0.0000	732.8751
Total	0.4946	5.8025	3.9846	0.0194	1.0137	0.0404	1.0541	0.2758	0.0384	0.3143	0.0000	1,877.7313	1,877.7313	0.1719	0.0000	1,882.0280

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	0.0505	0.3441	2.6889	4.1400e-003		6.2800e-003	6.2800e-003		6.2800e-003	6.2800e-003	0.0000	362.0600	362.0600	0.0882	0.0000	364.2651
Total	0.0505	0.3441	2.6889	4.1400e-003		6.2800e-003	6.2800e-003		6.2800e-003	6.2800e-003	0.0000	362.0600	362.0600	0.0882	0.0000	364.2651

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3.3 Building Construction - 2019**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	0.1852	5.5884	1.6588	0.0113	0.2205	0.0346	0.2551	0.0658	0.0331	0.0989	0.0000	1,145.2923	1,145.2923	0.1544	0.0000	1,149.1530
Worker	0.3094	0.2140	2.3257	8.1000e-003	0.5848	5.7700e-003	0.5906	0.1589	5.3100e-003	0.1642	0.0000	732.4390	732.4390	0.0174	0.0000	732.8751
Total	0.4946	5.8025	3.9846	0.0194	0.8053	0.0404	0.8457	0.2247	0.0384	0.2631	0.0000	1,877.7313	1,877.7313	0.1719	0.0000	1,882.0280

3.3 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2798	2.5326	2.2240	3.5500e-003		0.1475	0.1475		0.1386	0.1386	0.0000	305.7252	305.7252	0.0746	0.0000	307.5898
Total	0.2798	2.5326	2.2240	3.5500e-003		0.1475	0.1475		0.1386	0.1386	0.0000	305.7252	305.7252	0.0746	0.0000	307.5898

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3.3 Building Construction - 2020**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	0.1291	4.3955	1.2985	9.5200e-003	0.2295	0.0194	0.2489	0.0663	0.0186	0.0849	0.0000	971.9373	971.9373	0.1297	0.0000	975.1793
Worker	0.2459	0.1636	1.8185	6.7100e-003	0.6394	4.9200e-003	0.6443	0.1701	4.5300e-003	0.1746	0.0000	607.6747	607.6747	0.0133	0.0000	608.0077
Total	0.3750	4.5591	3.1170	0.0162	0.8689	0.0244	0.8932	0.2364	0.0231	0.2596	0.0000	1,579.6120	1,579.6120	0.1430	0.0000	1,583.1870

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	0.0433	0.2950	2.3048	3.5500e-003		5.3800e-003	5.3800e-003		5.3800e-003	5.3800e-003	0.0000	305.7248	305.7248	0.0746	0.0000	307.5895
Total	0.0433	0.2950	2.3048	3.5500e-003		5.3800e-003	5.3800e-003		5.3800e-003	5.3800e-003	0.0000	305.7248	305.7248	0.0746	0.0000	307.5895

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3.3 Building Construction - 2020**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	0.1291	4.3955	1.2985	9.5200e-003	0.1890	0.0194	0.2084	0.0564	0.0186	0.0750	0.0000	971.9373	971.9373	0.1297	0.0000	975.1793
Worker	0.2459	0.1636	1.8185	6.7100e-003	0.5013	4.9200e-003	0.5062	0.1362	4.5300e-003	0.1407	0.0000	607.6747	607.6747	0.0133	0.0000	608.0077
Total	0.3750	4.5591	3.1170	0.0162	0.6903	0.0244	0.7146	0.1926	0.0231	0.2157	0.0000	1,579.6120	1,579.6120	0.1430	0.0000	1,583.1870

3.4 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0163	0.1688	0.1758	2.7000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	24.0339	24.0339	7.7700e-003	0.0000	24.2282
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0181	0.1688	0.1758	2.7000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	24.0339	24.0339	7.7700e-003	0.0000	24.2282

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3.4 Paving - 2020**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	5.5000e-004	3.6000e-004	4.0500e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3518	1.3518	3.0000e-005	0.0000	1.3525
Total	5.5000e-004	3.6000e-004	4.0500e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3518	1.3518	3.0000e-005	0.0000	1.3525

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	3.3700e-003	0.0146	0.2076	2.7000e-004		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	24.0338	24.0338	7.7700e-003	0.0000	24.2282
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.1400e-003	0.0146	0.2076	2.7000e-004		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	24.0338	24.0338	7.7700e-003	0.0000	24.2282

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3.4 Paving - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.6000e-004	4.0500e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	1.3518	1.3518	3.0000e-005	0.0000	1.3525
Total	5.5000e-004	3.6000e-004	4.0500e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	1.3518	1.3518	3.0000e-005	0.0000	1.3525

3.5 Architectural Coating - 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					
Archit. Coating	3.4033					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0410	0.2827	0.2836	4.6000e-004		0.0198	0.0198		0.0198	0.0198	0.0000	39.3201	39.3201	3.3200e-003	0.0000	39.4031
Total	3.4443	0.2827	0.2836	4.6000e-004		0.0198	0.0198		0.0198	0.0198	0.0000	39.3201	39.3201	3.3200e-003	0.0000	39.4031

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3.5 Architectural Coating - 2019**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	0.0621	0.0429	0.4667	1.6200e-003	0.1497	1.1600e-003	0.1508	0.0398	1.0700e-003	0.0409	0.0000	146.9657	146.9657	3.5000e-003	0.0000	147.0532
Total	0.0621	0.0429	0.4667	1.6200e-003	0.1497	1.1600e-003	0.1508	0.0398	1.0700e-003	0.0409	0.0000	146.9657	146.9657	3.5000e-003	0.0000	147.0532

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	3.4033					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5800e-003	0.0198	0.2822	4.6000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.3201	39.3201	3.3200e-003	0.0000	39.4031
Total	3.4079	0.0198	0.2822	4.6000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.3201	39.3201	3.3200e-003	0.0000	39.4031

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3.5 Architectural Coating - 2019**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	0.0621	0.0429	0.4667	1.6200e-003	0.1174	1.1600e-003	0.1185	0.0319	1.0700e-003	0.0330	0.0000	146.9657	146.9657	3.5000e-003	0.0000	147.0532
Total	0.0621	0.0429	0.4667	1.6200e-003	0.1174	1.1600e-003	0.1185	0.0319	1.0700e-003	0.0330	0.0000	146.9657	146.9657	3.5000e-003	0.0000	147.0532

3.5 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4696					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0380	0.2644	0.2875	4.7000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	40.0861	40.0861	3.1000e-003	0.0000	40.1637
Total	3.5076	0.2644	0.2875	4.7000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	40.0861	40.0861	3.1000e-003	0.0000	40.1637

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3.5 Architectural Coating - 2020**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	0.0587	0.0391	0.4340	1.6000e-003	0.1526	1.1700e-003	0.1538	0.0406	1.0800e-003	0.0417	0.0000	145.0246	145.0246	3.1800e-003	0.0000	145.1040
Total	0.0587	0.0391	0.4340	1.6000e-003	0.1526	1.1700e-003	0.1538	0.0406	1.0800e-003	0.0417	0.0000	145.0246	145.0246	3.1800e-003	0.0000	145.1040

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	3.4696					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0202	0.2877	4.7000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	40.0860	40.0860	3.1000e-003	0.0000	40.1636
Total	3.4743	0.0202	0.2877	4.7000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	40.0860	40.0860	3.1000e-003	0.0000	40.1636

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3.5 Architectural Coating - 2020**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	0.0587	0.0391	0.4340	1.6000e-003	0.1196	1.1700e-003	0.1208	0.0325	1.0800e-003	0.0336	0.0000	145.0246	145.0246	3.1800e-003	0.0000	145.1040
Total	0.0587	0.0391	0.4340	1.6000e-003	0.1196	1.1700e-003	0.1208	0.0325	1.0800e-003	0.0336	0.0000	145.0246	145.0246	3.1800e-003	0.0000	145.1040

3.5 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2873					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8500e-003	0.0199	0.0236	4.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
Total	0.2901	0.0199	0.0236	4.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249

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3.5 Architectural Coating - 2021**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	4.5500e-003	2.9100e-003	0.0332	1.3000e-004	0.0126	1.0000e-004	0.0127	3.3600e-003	9.0000e-005	3.4500e-003	0.0000	11.5795	11.5795	2.4000e-004	0.0000	11.5855
Total	4.5500e-003	2.9100e-003	0.0332	1.3000e-004	0.0126	1.0000e-004	0.0127	3.3600e-003	9.0000e-005	3.4500e-003	0.0000	11.5795	11.5795	2.4000e-004	0.0000	11.5855

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	0.2873					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9000e-004	1.6700e-003	0.0238	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
Total	0.2877	1.6700e-003	0.0238	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249

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3.5 Architectural Coating - 2021**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	4.5500e-003	2.9100e-003	0.0332	1.3000e-004	9.9100e-003	1.0000e-004	0.0100	2.6900e-003	9.0000e-005	2.7800e-003	0.0000	11.5795	11.5795	2.4000e-004	0.0000	11.5855
Total	4.5500e-003	2.9100e-003	0.0332	1.3000e-004	9.9100e-003	1.0000e-004	0.0100	2.6900e-003	9.0000e-005	2.7800e-003	0.0000	11.5795	11.5795	2.4000e-004	0.0000	11.5855

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790
Unmitigated	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	23.52	23.52	23.52	3,489	3,489
Condo/Townhouse High Rise	215.60	215.60	215.60	447,386	447,386
Elementary School	1,279.00	0.00	0.00	1,588,805	1,588,805
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	10,277.00	10,277.00	10,277.00	14,265,835	14,265,835
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	6,785.02	6,785.02	6,785.02	461,102	461,102
Total	18,580.15	17,301.15	17,301.15	16,766,617	16,766,617

4.3 Trip Type Information

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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
City Park	0.55	0.55	0.55	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.42	6.42	6.42	31.00	15.00	54.00	86	11	3
Elementary School	9.50	1.14	7.30	65.00	30.00	5.00	63	25	12
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Office Building	4.66	4.66	4.66	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Condo/Townhouse High Rise	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Elementary School	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Enclosed Parking with Elevator	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
General Office Building	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Regional Shopping Center	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4,762.4550	4,762.4550	0.2153	0.0446	4,781.1157
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,762.4550	4,762.4550	0.2153	0.0446	4,781.1157
NaturalGas Mitigated	0.1000	0.9076	0.7502	5.4600e-003		0.0691	0.0691		0.0691	0.0691	0.0000	990.0863	990.0863	0.0190	0.0182	995.9698
NaturalGas Unmitigated	0.1000	0.9076	0.7502	5.4600e-003		0.0691	0.0691		0.0691	0.0691	0.0000	990.0863	990.0863	0.0190	0.0182	995.9698

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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
Condo/Townhouse High Rise	640616	3.4500e-003	0.0295	0.0126	1.9000e-004		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	34.1857	34.1857	6.6000e-004	6.3000e-004	34.3889
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
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
General Office Building	1.67012e+007	0.0901	0.8187	0.6877	4.9100e-003		0.0622	0.0622		0.0622	0.0622	0.0000	891.2396	891.2396	0.0171	0.0163	896.5358
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	384199	2.0700e-003	0.0188	0.0158	1.1000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	20.5023	20.5023	3.9000e-004	3.8000e-004	20.6242
Total		0.1000	0.9076	0.7502	5.4500e-003		0.0691	0.0691		0.0691	0.0691	0.0000	990.0862	990.0862	0.0190	0.0182	995.9698

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
Condo/Townhouse High Rise	640616	3.4500e-003	0.0295	0.0126	1.9000e-004		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	34.1857	34.1857	6.6000e-004	6.3000e-004	34.3889
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
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
General Office Building	1.67012e+007	0.0901	0.8187	0.6877	4.9100e-003		0.0622	0.0622		0.0622	0.0622	0.0000	891.2396	891.2396	0.0171	0.0163	896.5358
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	384199	2.0700e-003	0.0188	0.0158	1.1000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	20.5023	20.5023	3.9000e-004	3.8000e-004	20.6242
Total		0.1000	0.9076	0.7502	5.4500e-003		0.0691	0.0691		0.0691	0.0691	0.0000	990.0862	990.0862	0.0190	0.0182	995.9698

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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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	267739	77.8883	3.5200e-003	7.3000e-004	78.1935
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	4.00322e+006	1,164.5835	0.0527	0.0109	1,169.1467
General Office Building	1.09822e+007	3,194.8479	0.1445	0.0299	3,207.3663
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	890644	259.0984	0.0117	2.4200e-003	260.1137
Total		4,762.4550	0.2154	0.0446	4,781.1157

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	267739	77.8883	3.5200e-003	7.3000e-004	78.1935
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	4.00322e+006	1,164.5835	0.0527	0.0109	1,169.1467
General Office Building	1.09822e+007	3,194.8479	0.1445	0.0299	3,207.3663
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	890644	259.0984	0.0117	2.4200e-003	260.1137
Total		4,762.4550	0.2154	0.0446	4,781.1157

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823
Unmitigated	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823

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	0.7160					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1292	2.9700e-003	0.1779	3.5000e-004		0.0254	0.0254		0.0254	0.0254	2.5530	1.0487	3.6017	4.1000e-003	1.7000e-004	3.7542
Landscaping	0.0140	4.9400e-003	0.4320	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.7097	0.7097	7.4000e-004	0.0000	0.7281
Total	5.8070	7.9100e-003	0.6099	3.7000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7160					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1292	2.9700e-003	0.1779	3.5000e-004		0.0254	0.0254		0.0254	0.0254	2.5530	1.0487	3.6017	4.1000e-003	1.7000e-004	3.7542
Landscaping	0.0140	4.9400e-003	0.4320	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.7097	0.7097	7.4000e-004	0.0000	0.7281
Total	5.8070	7.9100e-003	0.6099	3.7000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	417.8725	5.3641	0.1297	590.6208
Unmitigated	417.8725	5.3641	0.1297	590.6208

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7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	3.64863 / 2.30022	9.2430	0.1193	2.8800e-003	13.0835
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	152.851 / 93.6829	384.4857	4.9959	0.1208	545.3646
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	6.15987 / 3.7754	15.4947	0.2013	4.8700e-003	21.9781
Total		417.8725	5.3641	0.1297	590.6208

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	3.64863 / 2.30022	9.2430	0.1193	2.8800e-003	13.0835
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	152.851 / 93.6829	384.4857	4.9959	0.1208	545.3646
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	6.15987 / 3.7754	15.4947	0.2013	4.8700e-003	21.9781
Total		417.8725	5.3641	0.1297	590.6208

8.0 Waste Detail**8.1 Mitigation Measures Waste**

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	198.5313	11.7329	0.0000	491.8528
Unmitigated	198.5313	11.7329	0.0000	491.8528

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	25.76	5.2291	0.3090	0.0000	12.9547
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	799.8	162.3522	9.5947	0.0000	402.2206
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	87.32	17.7252	1.0475	0.0000	43.9134
Total		198.5313	11.7329	0.0000	491.8528

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	25.76	5.2291	0.3090	0.0000	12.9547
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	799.8	162.3522	9.5947	0.0000	402.2206
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	87.32	17.7252	1.0475	0.0000	43.9134
Total		198.5313	11.7329	0.0000	491.8528

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

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Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	123.42	1000sqft	2.83	123,415.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
Other Non-Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
City Park	0.97	Acre	0.97	0.00	0
Condo/Townhouse High Rise	444.00	Dwelling Unit	3.10	570,819.00	1218
Regional Shopping Center	28.42	1000sqft	0.50	28,420.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	4.6	Precipitation Freq (Days)	64
Climate Zone	5			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Construction and Operations; assumed operational in 2023

Land Use - Acreage/sq footage taken from Dec 2016 RFI response

Construction Phase - 6 days/work wk; default days ratio'd up

Vehicle Trips - CityPk (Public Rec/OS)/other LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	558.00
tblConstructionPhase	NumDays	230.00	475.00
tblConstructionPhase	NumDays	20.00	26.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/24/2024	10/31/2022
tblConstructionPhase	PhaseStartDate	9/13/2022	1/19/2021
tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	City Park
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Condo/Townhouse High Rise
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces
tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces

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tblGrading	AcresOfGrading	20.50	10.00
tblLandUse	BuildingSpaceSquareFeet	123,420.00	123,415.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	444,000.00	570,819.00
tblLandUse	GreenSpaceSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	123,420.00	123,415.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	444,000.00	570,819.00
tblLandUse	LotAcreage	6.94	3.10
tblLandUse	LotAcreage	0.65	0.50
tblLandUse	Population	1,270.00	1,218.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblVehicleTrips	CC_TL	7.30	0.55
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.55
tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.55
tblVehicleTrips	CW_TL	9.50	0.28
tblVehicleTrips	HO_TL	5.70	6.42
tblVehicleTrips	HS_TL	4.80	6.42
tblVehicleTrips	HW_TL	10.80	6.42
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.85
tblVehicleTrips	ST_TR	49.97	81.59

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tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.85
tblVehicleTrips	SU_TR	25.24	81.59
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.85
tblVehicleTrips	WD_TR	42.70	81.59

2.0 Emissions Summary

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2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0758	0.7754	0.5003	9.2000e-004	0.1318	0.0381	0.1700	0.0693	0.0353	0.1046	0.0000	81.0034	81.0034	0.0235	0.0000	81.5909
2021	2.7987	4.3643	4.6525	0.0130	0.7378	0.1724	0.9102	0.2321	0.1627	0.3948	0.0000	1,189.8343	1,189.8343	0.1412	0.0000	1,193.3647
2022	2.2908	2.5569	3.0523	8.2900e-003	0.3886	0.0979	0.4865	0.1043	0.0925	0.1968	0.0000	757.3161	757.3161	0.0933	0.0000	759.6476
Maximum	2.7987	4.3643	4.6525	0.0130	0.7378	0.1724	0.9102	0.2321	0.1627	0.3948	0.0000	1,189.8343	1,189.8343	0.1412	0.0000	1,193.3647

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0119	0.0473	0.5422	9.2000e-004	0.0604	1.4500e-003	0.0618	0.0315	1.4500e-003	0.0329	0.0000	81.0034	81.0034	0.0235	0.0000	81.5908
2021	2.5217	1.7178	4.8008	0.0130	0.5382	0.0139	0.5521	0.1628	0.0134	0.1763	0.0000	1,189.8338	1,189.8338	0.1412	0.0000	1,193.3643
2022	2.1292	1.0031	3.2075	8.2900e-003	0.3063	8.9200e-003	0.3152	0.0841	8.6600e-003	0.0928	0.0000	757.3158	757.3158	0.0933	0.0000	759.6473
Maximum	2.5217	1.7178	4.8008	0.0130	0.5382	0.0139	0.5521	0.1628	0.0134	0.1763	0.0000	1,189.8338	1,189.8338	0.1412	0.0000	1,193.3643

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	ROG	NOx	CO	SO2	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	9.73	64.03	-4.21	0.00	28.08	92.14	40.69	31.36	91.90	56.63	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2020	1-31-2021	1.3283	0.2345
2	2-1-2021	4-30-2021	1.7842	1.0840
3	5-1-2021	7-31-2021	1.8331	1.1093
4	8-1-2021	10-31-2021	1.8388	1.1150
5	11-1-2021	1-31-2022	1.8133	1.1179
6	2-1-2022	4-30-2022	1.6791	1.0607
7	5-1-2022	7-31-2022	1.6944	1.0637
8	8-1-2022	9-30-2022	0.6707	0.4349
		Highest	1.8388	1.1179

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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	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840
Energy	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,226.1258	1,226.1258	0.0482	0.0140	1,231.4930
Mobile	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043
Waste						0.0000	0.0000		0.0000	0.0000	47.5324	0.0000	47.5324	2.8091	0.0000	117.7594
Water						0.0000	0.0000		0.0000	0.0000	9.8455	69.9102	79.7558	1.0144	0.0245	112.4258
Total	4.6102	2.6027	10.4893	0.0208	1.3859	0.2581	1.6440	0.3733	0.2569	0.6302	77.6197	2,810.2142	2,887.8339	3.9826	0.0398	2,999.2665

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840
Energy	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,226.1258	1,226.1258	0.0482	0.0140	1,231.4930
Mobile	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043
Waste						0.0000	0.0000		0.0000	0.0000	47.5324	0.0000	47.5324	2.8091	0.0000	117.7594
Water						0.0000	0.0000		0.0000	0.0000	9.8455	69.9102	79.7558	1.0144	0.0245	112.4258
Total	4.6102	2.6027	10.4893	0.0208	1.3859	0.2581	1.6440	0.3733	0.2569	0.6302	77.6197	2,810.2142	2,887.8339	3.9826	0.0398	2,999.2665

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2020	12/1/2020	6	26	
2	Grading	Grading	12/2/2020	1/18/2021	6	41	
3	Building Construction	Building Construction	1/19/2021	7/26/2022	6	475	
4	Paving	Paving	7/27/2022	9/12/2022	6	41	
5	Architectural Coating	Architectural Coating	1/19/2021	10/31/2022	6	558	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 4.55

Residential Indoor: 1,155,908; Residential Outdoor: 385,303; Non-Residential Indoor: 42,630; Non-Residential Outdoor: 14,210; Striped Parking Area: 7,405 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	381.00	72.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	76.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.4316	0.2828	5.0000e-004		0.0216	0.0216		0.0200	0.0200	0.0000	44.1982	44.1982	0.0125	0.0000	44.5101
Total	0.0431	0.4316	0.2828	5.0000e-004		0.0216	0.0216		0.0200	0.0200	0.0000	44.1982	44.1982	0.0125	0.0000	44.5101

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3.2 Demolition - 2020**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	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0100e-003	0.0260	0.3026	5.0000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	44.1981	44.1981	0.0125	0.0000	44.5101
Total	6.0100e-003	0.0260	0.3026	5.0000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	44.1981	44.1981	0.0125	0.0000	44.5101

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3.2 Demolition - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

3.3 Grading - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0316	0.3430	0.2087	3.9000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	33.8764	33.8764	0.0110	0.0000	34.1503
Total	0.0316	0.3430	0.2087	3.9000e-004	0.1288	0.0166	0.1453	0.0684	0.0152	0.0837	0.0000	33.8764	33.8764	0.0110	0.0000	34.1503

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3.3 Grading - 2020**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	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

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					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7200e-003	0.0205	0.2308	3.9000e-004		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	33.8763	33.8763	0.0110	0.0000	34.1502
Total	4.7200e-003	0.0205	0.2308	3.9000e-004	0.0579	6.3000e-004	0.0586	0.0308	6.3000e-004	0.0314	0.0000	33.8763	33.8763	0.0110	0.0000	34.1502

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3.3 Grading - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
Total	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652

3.3 Grading - 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					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1855	0.1189	2.2000e-004		8.7000e-003	8.7000e-003		8.0000e-003	8.0000e-003	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6983
Total	0.0172	0.1855	0.1189	2.2000e-004	0.1288	8.7000e-003	0.1375	0.0684	8.0000e-003	0.0764	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6983

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3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	8.9000e-004	1.0000e-005	9.0000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
Total	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	8.9000e-004	1.0000e-005	9.0000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151

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					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7200e-003	0.0118	0.1332	2.2000e-004		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6982
Total	2.7200e-003	0.0118	0.1332	2.2000e-004	0.0579	3.6000e-004	0.0583	0.0308	3.6000e-004	0.0312	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6982

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3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.0000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
Total	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.0000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151

3.4 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2832	2.5974	2.4697	4.0100e-003		0.1428	0.1428		0.1343	0.1343	0.0000	345.1395	345.1395	0.0833	0.0000	347.2212
Total	0.2832	2.5974	2.4697	4.0100e-003		0.1428	0.1428		0.1343	0.1343	0.0000	345.1395	345.1395	0.0833	0.0000	347.2212

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3.4 Building Construction - 2021**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	0.0327	1.2298	0.3754	2.8600e-003	0.0701	2.7600e-003	0.0729	0.0203	2.6400e-003	0.0229	0.0000	293.1849	293.1849	0.0389	0.0000	294.1573
Worker	0.1616	0.1032	1.1800	4.5400e-003	0.4486	3.3900e-003	0.4520	0.1193	3.1200e-003	0.1225	0.0000	411.1060	411.1060	8.4300e-003	0.0000	411.3167
Total	0.1943	1.3330	1.5554	7.4000e-003	0.5187	6.1500e-003	0.5249	0.1396	5.7600e-003	0.1454	0.0000	704.2909	704.2909	0.0473	0.0000	705.4740

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	0.0489	0.3330	2.6016	4.0100e-003		6.0800e-003	6.0800e-003		6.0800e-003	6.0800e-003	0.0000	345.1391	345.1391	0.0833	0.0000	347.2208
Total	0.0489	0.3330	2.6016	4.0100e-003		6.0800e-003	6.0800e-003		6.0800e-003	6.0800e-003	0.0000	345.1391	345.1391	0.0833	0.0000	347.2208

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3.4 Building Construction - 2021**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	0.0327	1.2298	0.3754	2.8600e-003	0.0577	2.7600e-003	0.0605	0.0172	2.6400e-003	0.0199	0.0000	293.1849	293.1849	0.0389	0.0000	294.1573
Worker	0.1616	0.1032	1.1800	4.5400e-003	0.3517	3.3900e-003	0.3551	0.0956	3.1200e-003	0.0987	0.0000	411.1060	411.1060	8.4300e-003	0.0000	411.3167
Total	0.1943	1.3330	1.5554	7.4000e-003	0.4094	6.1500e-003	0.4156	0.1128	5.7600e-003	0.1186	0.0000	704.2909	704.2909	0.0473	0.0000	705.4740

3.4 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1510	1.3820	1.4482	2.3800e-003		0.0716	0.0716		0.0674	0.0674	0.0000	205.0768	205.0768	0.0491	0.0000	206.3051
Total	0.1510	1.3820	1.4482	2.3800e-003		0.0716	0.0716		0.0674	0.0674	0.0000	205.0768	205.0768	0.0491	0.0000	206.3051

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3.4 Building Construction - 2022**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	0.0182	0.6916	0.2188	1.6700e-003	0.0417	1.4500e-003	0.0431	0.0120	1.3900e-003	0.0134	0.0000	171.8405	171.8405	0.0228	0.0000	172.4102
Worker	0.0905	0.0554	0.6533	2.6000e-003	0.2664	1.9800e-003	0.2684	0.0709	1.8300e-003	0.0727	0.0000	235.1141	235.1141	4.5300e-003	0.0000	235.2274
Total	0.1087	0.7470	0.8721	4.2700e-003	0.3081	3.4300e-003	0.3115	0.0829	3.2200e-003	0.0861	0.0000	406.9546	406.9546	0.0273	0.0000	407.6376

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	0.0290	0.1978	1.5452	2.3800e-003		3.6100e-003	3.6100e-003		3.6100e-003	3.6100e-003	0.0000	205.0766	205.0766	0.0491	0.0000	206.3049
Total	0.0290	0.1978	1.5452	2.3800e-003		3.6100e-003	3.6100e-003		3.6100e-003	3.6100e-003	0.0000	205.0766	205.0766	0.0491	0.0000	206.3049

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3.4 Building Construction - 2022**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	0.0182	0.6916	0.2188	1.6700e-003	0.0343	1.4500e-003	0.0358	0.0102	1.3900e-003	0.0116	0.0000	171.8405	171.8405	0.0228	0.0000	172.4102
Worker	0.0905	0.0554	0.6533	2.6000e-003	0.2089	1.9800e-003	0.2109	0.0568	1.8300e-003	0.0586	0.0000	235.1141	235.1141	4.5300e-003	0.0000	235.2274
Total	0.1087	0.7470	0.8721	4.2700e-003	0.2432	3.4300e-003	0.2466	0.0670	3.2200e-003	0.0702	0.0000	406.9546	406.9546	0.0273	0.0000	407.6376

3.5 Paving - 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	0.0226	0.2281	0.2989	4.7000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	41.0565	41.0565	0.0133	0.0000	41.3885
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0237	0.2281	0.2989	4.7000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	41.0565	41.0565	0.0133	0.0000	41.3885

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3.5 Paving - 2022**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	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
Total	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.7500e-003	0.0249	0.3546	4.7000e-004		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	41.0564	41.0564	0.0133	0.0000	41.3884
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.8800e-003	0.0249	0.3546	4.7000e-004		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	41.0564	41.0564	0.0133	0.0000	41.3884

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3.5 Paving - 2022**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	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	1.9100e-003	2.0000e-005	1.9200e-003	5.2000e-004	2.0000e-005	5.3000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
Total	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	1.9100e-003	2.0000e-005	1.9200e-003	5.2000e-004	2.0000e-005	5.3000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0326	0.2275	0.2708	4.4000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	38.0435	38.0435	2.6100e-003	0.0000	38.1088
Total	2.2714	0.2275	0.2708	4.4000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	38.0435	38.0435	2.6100e-003	0.0000	38.1088

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3.6 Architectural Coating - 2021**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	0.0322	0.0206	0.2354	9.1000e-004	0.0895	6.8000e-004	0.0902	0.0238	6.2000e-004	0.0244	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
Total	0.0322	0.0206	0.2354	9.1000e-004	0.0895	6.8000e-004	0.0902	0.0238	6.2000e-004	0.0244	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474

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	2.2388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4300e-003	0.0192	0.2730	4.4000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	38.0434	38.0434	2.6100e-003	0.0000	38.1087
Total	2.2433	0.0192	0.2730	4.4000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	38.0434	38.0434	2.6100e-003	0.0000	38.1087

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3.6 Architectural Coating - 2021**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	0.0322	0.0206	0.2354	9.1000e-004	0.0702	6.8000e-004	0.0708	0.0191	6.2000e-004	0.0197	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
Total	0.0322	0.0206	0.2354	9.1000e-004	0.0702	6.8000e-004	0.0708	0.0191	6.2000e-004	0.0197	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474

3.6 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	1.9799	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

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3.6 Architectural Coating - 2022**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	0.0265	0.0162	0.1914	7.6000e-004	0.0781	5.8000e-004	0.0787	0.0208	5.4000e-004	0.0213	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
Total	0.0265	0.0162	0.1914	7.6000e-004	0.0781	5.8000e-004	0.0787	0.0208	5.4000e-004	0.0213	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250

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	1.9533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	1.9572	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

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3.6 Architectural Coating - 2022**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	0.0265	0.0162	0.1914	7.6000e-004	0.0612	5.8000e-004	0.0618	0.0166	5.4000e-004	0.0172	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
Total	0.0265	0.0162	0.1914	7.6000e-004	0.0612	5.8000e-004	0.0618	0.0166	5.4000e-004	0.0172	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043
Unmitigated	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	13.11	13.11	13.11	1,945	1,945
Condo/Townhouse High Rise	1,709.40	1,709.40	1,709.40	3,547,130	3,547,130
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	2,318.79	2,318.79	2,318.79	157,582	157,582
Total	4,041.30	4,041.30	4,041.30	3,706,657	3,706,657

4.3 Trip Type Information

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	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.55	0.55	0.55	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.42	6.42	6.42	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Condo/Townhouse High Rise	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Enclosed Parking with Elevator	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Other Asphalt Surfaces	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Other Non-Asphalt Surfaces	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Regional Shopping Center	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	948.0751	948.0751	0.0429	8.8700e-003	951.7899
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	948.0751	948.0751	0.0429	8.8700e-003	951.7899
NaturalGas Mitigated	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0507	278.0507	5.3300e-003	5.1000e-003	279.7031
NaturalGas Unmitigated	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0507	278.0507	5.3300e-003	5.1000e-003	279.7031

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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
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547
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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	131300	7.1000e-004	6.4400e-003	5.4100e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	7.0067	7.0067	1.3000e-004	1.3000e-004	7.0483
Total		0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0507	278.0507	5.3300e-003	5.1000e-003	279.7031

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5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/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
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547
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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	131300	7.1000e-004	6.4400e-003	5.4100e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	7.0067	7.0067	1.3000e-004	1.3000e-004	7.0483
Total		0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0507	278.0507	5.3300e-003	5.1000e-003	279.7031

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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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	831817	241.9851	0.0109	2.2600e-003	242.9333
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	304378	88.5471	4.0000e-003	8.3000e-004	88.8941
Total		948.0751	0.0429	8.8700e-003	951.7899

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	831817	241.9851	0.0109	2.2600e-003	242.9333
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	304378	88.5471	4.0000e-003	8.3000e-004	88.8941
Total		948.0751	0.0429	8.8700e-003	951.7899

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840
Unmitigated	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840

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
Consumer Products	2.3483					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0995	0.0380	3.2996	1.7000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.3893	5.3893	5.1900e-003	0.0000	5.5190
Total	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4192					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3483					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0995	0.0380	3.2996	1.7000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.3893	5.3893	5.1900e-003	0.0000	5.5190
Total	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	79.7558	1.0144	0.0245	112.4258
Unmitigated	79.7558	1.0144	0.0245	112.4258

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7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.10514 / 1.29025	5.2953	0.0688	1.6600e-003	7.5110
Total		79.7558	1.0144	0.0245	112.4258

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.10514 / 1.29025	5.2953	0.0688	1.6600e-003	7.5110
Total		79.7558	1.0144	0.0245	112.4258

8.0 Waste Detail**8.1 Mitigation Measures Waste**

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	47.5324	2.8091	0.0000	117.7594
Unmitigated	47.5324	2.8091	0.0000	117.7594

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.84	6.0573	0.3580	0.0000	15.0066
Total		47.5324	2.8091	0.0000	117.7594

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8.2 Waste by Land Use**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.84	6.0573	0.3580	0.0000	15.0066
Total		47.5324	2.8091	0.0000	117.7594

9.0 Operational Offroad

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

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

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Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

India Basin Construction Schedule

Year	Month	BUILD Grading and Excavation	BUILD Hamman, Hillside Cove	BUILD Big Green	BUILD Shoreline Wetlands	RPD 900 Innes	RPD India Basin Shoreline Park	BUILD Flats and Earl Construction	BUILD Beach
2018	1								
	2								
	3								
	4								
	5								
	6	1							
	7	2							
	8	3							
	9	4							
	10	5							
	11	6	1						
	12	7	2						
2019	1	8	3			1			
	2	9	4			2			
	3		5			3			
	4		6			4			
	5		7			5			
	6		8			6			
	7		9			7			
	8		10			8			
	9		11			9			
	10		12			10			
	11		13			11			
	12		14			12			
2020	1		15				1		
	2		16				2		
	3		17				3		
	4		18				4		
	5		19				5		
	6		20				6		
	7		21	1			7		
	8		22	2			8		
	9		23	3			9		
	10		24	4	1		10		
	11		25	5	2		11	1	
	12		26	6	3		12	2	
2021	1		27	7	4			3	
	2			8	5			4	
	3			9	6			5	
	4			10	7			6	
	5				8			7	
	6				9			8	
	7				10			9	
	8				11			10	
	9				12			11	
	10							12	
	11							13	1
	12							14	2
2022	1							15	3
	2							16	4
	3							17	5
	4							18	6
	5							19	7
	6							20	8
	7							21	9
	8							22	10
	9							23	11
	10							24	12
	11								
	12								

BUILD Grading and Excavation

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2018/06/01	2018/08/30	6	78
Grading	Grading	2018/08/31	2019/02/28	6	156

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	Offroad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	144	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	20	0	68198						

Construction Trips Data									
Subphase Name	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
Grading	20	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	896	220	0						
Paving	15	0	0						
Architectural Coating	179	0	0						

BUILD Hamman, Hillside Cove - Commercial Variant

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2018/11/01	2019/01/05	6	57
Building Construction	Building Construction	2019/01/06	2020/11/03	6	572
Architectural Coating	Architectural Coating	2019/01/06	2021/01/30	6	648
Paving	Paving	2020/11/04	2020/12/01	6	24

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	20	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	613	266	0						
Paving	15	0	0						
Architectural Coating	123	0	0						

Construction Trips Data									
Subphase Name	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
Grading	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	0	0						
Paving	20	0	0						
Architectural Coating	5	0	0						

BUILD Shoreline Wetlands

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2020/10/01	2020/10/26	6	22
Building Construction	Building Construction	2020/10/27	2021/08/12	6	249
Paving	Paving	2021/08/13	2021/09/07	6	22
Architectural Coating	Architectural Coating	2021/09/08	2021/09/30	6	20

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	0	0						
Paving	15	0	0						
Architectural Coating	5	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2019/01/01	2019/05/31	6	130
Grading	Grading	2019/06/01	2019/06/06	6	5
Building Construction	Building Construction	2019/06/07	2019/12/03	6	154
Paving	Paving	2019/12/04	2019/12/17	6	12
Architectural Coating	Architectural Coating	2019/12/18	2019/12/31	6	12

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Architectural Coating	Air Compressors	1	6	78	0.48
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Paving	Cement and Mortar Mixers	2	6	9	0.56
	Pavers	1	8	130	0.42
	Paving Equipment	2	6	132	0.36
	Rollers	2	6	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37

Construction Trips Data									
Subphase Name	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
Architectural Coating	5	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	1	0						
Demolition	15	0	28						
Grading	15	0	477						
Paving	20	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/01/01	2020/01/18	6	16
Grading	Grading	2020/01/19	2020/02/15	6	24
Building Construction	Building Construction	2020/02/16	2020/11/23	6	241
Paving	Paving	2020/11/24	2020/12/11	6	16
Architectural Coating	Architectural Coating	2020/12/12	2020/12/31	6	17

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	20	0	6863						
Building Construction	23	1	0						
Paving	15	0	0						
Architectural Coating	5	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/11/01	2020/12/01	6	26
Grading	Grading	2020/12/02	2021/01/18	6	41
Building Construction	Building Construction	2021/01/19	2022/07/26	6	475
Architectural Coating	Architectural Coating	2021/01/19	2022/10/31	6	558
Paving	Paving	2022/07/27	2022/09/12	6	41

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	15	0	0						
Building Construction	378	71	0						
Paving	15	0	0						
Architectural Coating	76	0	0						

BUILD Flats and Earl - Commercial Variant

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/11/01	2020/12/01	6	26
Grading	Grading	2020/12/02	2021/01/18	6	41
Building Construction	Building Construction	2021/01/19	2022/07/26	6	475
Architectural Coating	Architectural Coating	2021/01/19	2022/10/31	6	558
Paving	Paving	2022/07/27	2022/09/12	6	41

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	15	0	0						
Building Construction	381	72	0						
Paving	15	0	0						
Architectural Coating	76	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2021/11/01	2021/11/26	6	23
Building Construction	Building Construction	2021/11/27	2022/10/03	6	266
Paving	Paving	2022/10/04	2022/10/17	6	12
Architectural Coating	Architectural Coating	2022/10/18	2022/10/31	6	12

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	2	7	97	0.37
Building Construction	Cranes	1	8	231	0.29
	Forklifts	2	7	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	1	6	97	0.37
	Welders	3	8	46	0.45
Paving	Cement and Mortar Mixers	1	8	9	0.56
	Pavers	1	8	130	0.42
	Paving Equipment	1	8	132	0.36
	Rollers	2	8	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	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
Grading	10	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	20	0	0						
Paving	15	0	0						
Architectural Coating	4	0	0						