Appendix C

Air Quality and Greenhouse Gas Emissions

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Appendix C-1 Air Quality and Greenhouse Gas Emissions Methodology

AIR QUALITY AND GREENHOUSE GAS EMISSIONS METHODLOGY

District NoHo

Prepared by:

Eyestone Environmental, LLC

April 2021

District NoHo Project

Air Quality and Greenhouse Gas Emissions Methodology

1. Introduction

Eyestone Environmental has been retained to conduct a comprehensive greenhouse gas (GHG) and criteria air pollutant emissions assessment for the 1000 Seward Project (the "Project"). Emissions during both construction and operation of the Project were quantified. This assessment describes the methodology used to estimate the GHG and air pollutant emissions from existing and Project conditions and describes the methodology used to quantify GHG and air pollutant emission reductions from project design features and mitigation measures.

2. Air Pollutant and Greenhouse Gas Emissions Methodology

The Project would result in direct emissions of criteria pollutants and direct and indirect GHG emissions generated by different types of emissions sources, including:[1]

- Direct Emissions:
  - Construction: emissions associated with demolition of existing uses, shoring, excavation, grading, and construction-related equipment and vehicular activity;
  - Area source: emissions associated with consumer products, architectural coatings, and landscape equipment;
  - Energy source (building operations): emissions associated with space heating and cooling, and water heating;

[1] *Direct sources of emissions include Project-related vehicular trips and onsite combustion of fossil fuels (e.g., natural gas, propane, gasoline, and diesel). Whereas, indirect sources of emissions include offsite emissions associated with purchased electricity and embodied energy (e.g., energy used to convey, treat, and distribute water and wastewater)*

  - Mobile source: emissions associated with vehicles accessing the project site; and
  - Stationary source: emissions associated with stationary equipment (e.g., emergency generators).

- Indirect Emissions:
  - Energy source (building operations): emissions associated with energy consumption, and lighting;
  - Solid Waste: emissions associated with the decomposition of the waste, which generates methane based on the total amount of degradable organic carbon; and
  - Water/Wastewater: emissions associated with energy used to pump, convey, deliver, and treat water.

a. Emission Inventories

Project-related construction and operation emissions were calculated using SCAQMD's recommended California Emissions Estimator Model (CalEEMod). CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions associated with both construction and operations from a variety of land use projects. CalEEMod was developed in collaboration with the air districts of California. Data (e.g., emission factors, trip lengths, meteorology, source inventory, etc.) have been provided by the various California air districts to account for local requirements and conditions. The model is considered by the SCAQMD to be an accurate and comprehensive tool for quantifying criteria pollutant and GHG impacts from land use projects throughout California.[2]

CalEEMod utilizes widely accepted models for emission estimates combined with appropriate default data that can be used if site-specific information is not available. These models and default estimates use sources such as the USEPA AP-42 emission factors, CARB's on-road emission model (EMission FACtor model (EMFAC)) and off-road equipment emission model (Off-road Emissions Inventory Program model (OFFROAD)).

[2] *See www.caleemod.com.*

(1) Construction

Construction activities would generate emissions from off-road equipment usage, on-road vehicle travel (truck hauling, vendor deliveries, and workers commuting), architectural coating, and paving. Each of these source types is discussed in more detail below. The Project's construction emissions were calculated using the SCAQMD recommended CalEEMod (Version 2016.3.2). Please refer to CalEEMod construction output files for a complete listing of construction details modeled. CalEEMod default values were used for equipment and vehicle emission factors, equipment load factors and vehicle trip lengths. It should be noted that the maximum daily emissions were predicted values for the worst-case day and do not represent the emissions that would occur for every day of Project construction. The maximum daily emissions were compared to the SCAQMD daily regional numeric indicators. Annual emissions were calculated based on the total number of hours each piece of equipment was used and the total number of vehicular trips (i.e., worker, vendor, and haul) over the duration of construction. In accordance with the SCAQMD's guidance, GHG emissions from construction were amortized over the lifetime of the Project. The SCAQMD defines the lifetime of a project as 30 years.[3] Therefore, total construction GHG emissions were divided by 30 to determine an annual construction emissions estimate comparable to operational emissions.

(a) Emissions from Construction Equipment

The emission calculations associated with construction equipment are from off-road equipment engine use based on the equipment list and phase length. Since the majority of the off-road construction equipment used for construction projects are diesel fueled, CalEEMod assumes all of the equipment operates on diesel fuel. Construction equipment emissions vary with engine model years in which newer equipment will emit fewer pollutants. As a conservative assumption, the CalEEMod model uses an emission rate for equipment which represents an average model year for available equipment within the Air Basin. CalEEMod calculates the exhaust emissions based on CARB OFFROAD methodology using the equation presented below.

Construction Off-Road Equipment:

$$\text{Emissions Diesel [lbs]} = \left(\sum_i \left(EF_i \times Pop_i \times AvgHP_i \times Load_i \times Activity_i \right.\right.$$

Where: EF_i = Emission factor from OFFROAD (lbs/hr)

Pop_i = Population (quantity of same equipment)

[3] *SCAQMD, Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans, 2008.*

$AvgHP_i$ = Maximum rated average horsepower (hp)

$Load_i$ = Load Factor (dimensionless)

$Activity_i$ = Hours of operation (hours)

i = Summation index

Fugitive dust emissions from use of off-road equipment were also calculated using CalEEMod based on the types of equipment used during grading activities and based on the amount of import/export from loading or unloading dirt into haul trucks. These methods have been adapted from USEPA's AP-42 method for Western Coal Mining. As recommended by SCAQMD, the fugitive dust emissions from the grading phase are calculated using the methodology described in USEPA AP-42. PM_{10} and $PM_{2.5}$ emissions from fugitive dust will be controlled by watering the construction site three times a day consistent with SCAQMD Rule 403 and were estimated to be reduced by 61 percent.

(b) Emissions from On-Road Trips

Construction generates on-road vehicle exhaust, evaporative, and dust emissions from personal vehicles for worker commuting, vendor deliveries, and trucks for soil and material hauling. These emissions are based on the number of trips and VMT along with emission factors from EMFAC. The emissions from mobile sources were calculated with the trip rates, trip lengths and emission factors for running from EMFAC as follows:

Construction On-Road Equipment:

Emissions pollutant (lbs) = VMT * EF running, pollutant

Where: VMT = vehicle miles traveled (miles)

EF running,pollutant = emission factor for running emissions (lbs/VMT)

Evaporative emissions, starting and idling emissions in CalEEMod were calculated by multiplying the number of trips times the respective emission factor for each pollutant.

(c) Emissions from Architectural Coating

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings. CalEEMod calculates the VOC evaporative emissions from application of residential and non-residential surface coatings using the following equation:

Construction Architectural Coating Emissions:

Emissions Architectural Coatings (lbs) $=EF_{AC}$ x F $*A_{paint}$

Where: EF_{AC} = Emission Factor (lb/sf)

A_{paint} = Building Surface Area (sf)

The CalEEMod tool assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage. All of the land use information provided by a metric other than square footage erewill be converted to square footage using the default conversions or user defined equivalence.

F = fraction of surface area [%].

The default values based on SCAQMD methods used in their coating rules are 75 percent for the interior surfaces and 25 percent for the exterior shell. Parking areas are based on 6-percent coverage.

The emission factor (EF) is based on the VOC content of the surface coatings and is calculated estimated using the equation below:

$EF_{AC} = C_{VOC}/454(g/lb)$ x 3.785(L/gal)/180*sf)

Where: EF = emission factor (lb/sf)

C = VOC content (g/L or gram per liter)

The emission factors for coating categories were calculated using the equation above based on default VOC content from provided by the air districts or CARB's statewide limits in CalEEMod. Architectural coating VOC emission factors are also consistent with SCAQMD Rule 1113 as discussed above.

(d) Emissions from Paving

CalEEMod estimates VOC off-gassing emissions associated with asphalt paving of parking lots using the following equation:

$Emissions_{AP}$ (lbs) = EF_{AP} x $A_{parking}$

Where: EF = emission factor (lb/acre)

A = area of the parking lot (acre)

Note: The Sacramento Metropolitan Air Quality Management District (SMAQMD) default emission factor is 2.62 lb/acre.

(2) Operation

Similar to construction, the SCAQMD-recommended CalEEMod was used to calculate potential emissions generated by the Project, including area source, energy sources (electricity and natural gas), mobile source, stationary sources (emergency generator), solid waste generation and disposal, and water usage/wastewater generation.

(3) Area Source Emissions

Area source emissions were calculated using the CalEEMod emissions inventory model, which includes consumer products, architectural coatings, fireplaces and landscape maintenance equipment. Pollutant emissions generated by the Project were calculated using CalEEMod defaults, based upon the land uses that will be included in each project.

Consumer products are chemically formulated products used by household and institutional consumers, including, but not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products; but does not include other paint products, furniture coatings, or architectural coatings. SCAQMD did an evaluation of consumer product use compared to the total square footage of buildings using data from CARB consumer product Emission Inventory. To calculate the VOC emissions from consumer product use, the following equation was used in CalEEMod:

Emissions Consumer Products (lbs) = EF_{CP} x Building Area

Where:

EF_{CP} = pounds of VOC per building square foot

The factor is 1.98×10^{-5} lbs/sf for SCAQMD areas.

Building Area = the total square footage of all buildings including residential square footage

NOTE: The factor was corrected to account for SCAQMD Rule 1143 (1.7×10^{-5}). See detailed calculation.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers. The operational emission methodology from architecture coating is the same as the construction methodology discussed above. All land use buildings are assumed to be repainted at a rate of 10 percent of area per year. This is based on the assumptions used by SCAQMD.

GHG emissions associated with natural gas fired fireplaces are calculated using emission factors from the California Climate Action Registry (CCAR). The criteria pollutant emission factors are based on AP-42. Annual fireplace usage was calculated based on CalEEMod specific usage rates within Los Angeles County. Criteria pollutant emissions from natural gas fireplaces/stoves are computed by CalEEMod in a similar manner with emission factors also coming from AP-42.[4] Project Design Feature GHG-PDF-2 limits the installation of natural gas fireplaces to 70 natural gas fireplaces/firepits, which could include firepits for outdoor amenity areas and fireplaces within residential units and fireplaces/firepits for indoor amenity areas and three for office outdoor amenity areas.

The combustion of fossil fuels to operate landscape equipment such as lawnmowers and trimmers, results in pollutant emissions. The emissions occur on-site and are considered a direct source of pollutant emissions. The emissions for landscaping equipment are based on the size of the land uses, the pollutant emission factors for fuel combustion. Pollutant emissions from landscaping equipment are generally calculated in CalEEMod as follows:

Landscaping Equipment:

Landscaping Equipment Emissions [lbs] = (Σ_i (Units × EF_{LE} × A_{LE})$_i$)

Where: Units = Number of land use units (same land use type) [1,000 sf]

EF_{LE} = Emission factor [grams (g)/1,000 sfday]

i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

[4] *USEPA. 1998. AP-42 Emission Factors. Chapter 1.4 Natural Gas Combustion, Pages 5-6, Tables 1.4-1 and 1.4-2, http://www.epa.gov/ttnchie1/ap42/ch01/final/c01s04.pdf.*

(4) Energy Emissions (Electricity and Natural Gas)

Pollutant emissions are emitted as a result of activities in buildings when electricity and natural gas are used as energy sources. Combustion of any type of fuel emits pollutant emissions directly into the atmosphere; when this occurs in a building, it is a direct emission source associated with that building. Pollutant emissions are also emitted during the generation of electricity from fossil fuels. When electricity is used in a building, the electricity generation typically takes place off-site at the power plant; electricity use in a building generally causes emissions in an indirect manner.

Energy demand emissions were calculated using the CalEEMod emissions inventory model. Energy use in buildings is divided into energy consumed by the built environment and energy consumed by uses that are independent of the construction of the building such as in plug-in appliances. CalEEMod calculates energy use from systems covered by Title 24 Building Energy Efficiency Standards (e.g., heating, ventilation, and air conditioning [HVAC] system, water heating system, and lighting system); energy use from lighting; and energy use from office equipment, appliances, plug-ins, and other sources not covered by Title 24 or lighting.

CalEEMod energy demand is based on the California Energy Commission (CEC) sponsored California Commercial End Use Survey (CEUS) study.[5] The data is specific for climate zones and, therefore, Zone 12 was selected for the Project Site based on the ZIP Code tool. CalEEMod currently assumes 2016 Title 24 Energy Efficiency Standards when calculating project energy usage. In order to account for 2019 Title 24 Energy Efficiency Standards, energy consumption was conservatively assumed to be 10 percent more efficient than the 2016 Building Energy Efficiency Standards requirements.

(a) Electricity

Because power plants are existing stationary sources permitted by air districts and/or the USEPA, criteria pollutant emissions are generally associated with the power plants themselves, and not individual buildings or electricity users. Additionally, criteria pollutant emissions from power plants are subject to local, state, and federal control measures, which can be considered to be the maximum feasible level of mitigation for stack emissions. In contrast, GHG emissions from power plants are not subject to stationary source permitting requirements to the same degree as criteria pollutants. As such, GHGs emitted by power plants may be indirectly attributed to individual buildings and electricity users, who have the greatest ability to decrease usage by applying mitigation measures to individual electricity "end uses." CalEEMod therefore calculates GHG

[5] *CEC, Commercial End-Use Survey, March 2006.*

emissions (but not criteria pollutant emissions) from regional power plants associated with building electricity use.

Emissions associated with electricity demand are based on the size of the residential, commercial and retail land uses, the electrical demand factors for the land uses, the emission factors for the electricity utility provider, and the GWP values for the GHGs emitted. Annual electricity GHG emissions in units of $MTCO_2e$ are calculated as follows:

Electricity:

Annual Emissions [$MTCO_2e$] = (Σ_i (Units × D_E × EF_E × GWP)$_i$) ÷ 2,204.62

Where: Units = Number of land use units (same land use type) [1,000 sf]

D_E = Electrical demand factor [megawatt-hour (MWh)/1,000 sf/yr]

EF_E = GHG emission factor [pounds per megawatt-hour (MWh)]

GWP = Global warming potential [CO_2 = 1, CH_4 = 21, N_2O = 310]

2,204.62 = Conversion factor [pounds/MT]

i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

GHG emissions from electricity use are directly dependent on the electricity utility provider. The Los Angeles Department of Water and Power (LADWP) provides electric service to the Project Site. Thus, GHG intensity factors for LADWP were selected in CalEEMod. Intensity factors for GHGs due to electrical generation to serve the electrical demands of the existing condition were obtained from the LADWP 2017 Power Integrated Resource Plan, which provides a CO_2 intensity of 801 pounds of CO_2 per MWh for 2019. By 2030, at least 50 percent of electricity shall be obtained from renewable sources. The 2016 Power Integrated Resource Plan estimates that the LADWP CO2 intensity would be 500 pounds of CO_2 per MWh by Year 2026.[6] As year-by-year data is currently not available, the CO_2 intensity factor for the Project buildout was determined based on straight line extrapolation based on current, interim year (2026), and Year 2035 data points (733 pounds of CO_2 per MWh for Year 2020, 616 pounds of CO_2 per MWh for Year 2025, and 377 pounds of CO_2 per MWh for Year 2035).

[6] *2016 Final Power Integrated Resource Plan, Figure 4-7. LADWP. December 2016.*

(b) Natural Gas

The direct source emissions associated with natural gas combustion are based on the size of the land uses and the natural gas combustion factors for the land uses in units of million British thermal units (MMBtu). Natural gas emissions are calculated in CalEEMod as follows:

Natural Gas:

Natural Gas Emissions (lbs) = (Σ_i (Units × D_{NG} × EF_{NG})$_I$)

Where: Units = Number of land use units (same land use type) [1,000 sf]

D_{NG} = Natural Gas combustion factor [MMBtu/1,000 sf]

EF_{NG} = Natural Gas combustion factor [pounds/MMBtu]

I = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

(5) Mobile Source Emissions

Mobile-source emissions were calculated using the CalEEMod emissions inventory model. CalEEMod calculates the emissions associated with on-road mobile sources associated with residents, employees, visitors, and delivery vehicles visiting the Project Site based on the number of daily trips generated and vehicle miles traveled (VMT). The Traffic Study prepared by Gibson Transportation Consulting had calculated Project VMT which was entered into CalEEMod in calculating Project mobile source emissions.

Modeling was also conducted using the Los Angeles County vehicle fleet mix for all vehicle types as provided in EMFAC2014.

Mobile source emissions were generally calculated in CalEEMod as follows:

Mobile:

Mobile Emissions [lbs] = (Σ_i (Units × ADT x D_{TRIP} × EF_i)

Where: Units = Number of vehicles (same vehicle model year and class)

ADT = Average daily trip rate [trips/day]

D_{TRIP} = Trip distance [miles/trip]

EF = Pollutant emission factor [pounds per mile]

i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

Mobile source operational emissions were calculated based on the Project VMT estimates provided by Gibson Transportation Consulting. [7] As discussed in Section IV.G, Transportation, of this Draft EIR, to calculate peak daily trip estimates, the Los Angeles Department of Transportation (LADOT) VMT Calculator was used.

Previously, trip generation for land uses was calculated based on survey data collected by the Institute of Transportation Engineers (ITE). However, these ITE trip generation rates were based on data collected at suburban, single-use, free standing sites, which may not be representative of urban mixed-use environments. Beginning in 2019, the USEPA has sponsored a study to collect travel survey data from mixed-use developments in order provide a more representative trip generation rate for multi-use sites. Results of the USEPA survey indicate that trip generation and VMT are affected by factors such as resident and job density, availability of transit, and accessibility of biking and walking paths. Based on these factors, the USEPA has developed equations known as the EPA Mixed-Use Development (MXD) model to calculate trip reductions for multi-use developments.[8] The LADOT VMT Calculator incorporates the USEPA MXD model and accounts for project features such as increased density and proximity to transit, which would reduce VMT and associated fuel usage in comparison to free-standing sites.

The Project design includes characteristics that would reduce trips and VMT as compared to a standard project within the air basin as measured by the air quality model (CalEEMod). While these Project characteristics primarily reduce greenhouse gas

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[7] *Transportation Impact Study for the District NoHo Project, Gibson Transportation Consulting. 2020.*

[8] *Environmental Protection Agency, Mixed-Use Trip Generation Model. www.epa.gov/smartgrowth/mixed-use-trip-generation-model. Accessed December 16, 2020.*

emissions, they would also reduce criteria air pollutants discussed herein. These relative reductions in vehicle trips and VMT from a standard project within the air basin help quantify the criteria air pollutant emissions reductions achieved by locating the Project in any infill, HQTA area that promotes alternative modes of transportation. A ratio of ITE trip generation rates for weekend and weekday scenarios was used to estimate Project VMT during weekend conditions.

(6) Stationary Source (Emergency Generator Emissions)

Emissions of GHGs associated with use of emergency generators were calculated using CalEEMod, in which emission factors are based on Table 3.4-1 (Gaseous Emission Factors for Large Stationary Diesel Engines) from EPA's AP-42: Compilation of Air Pollutant Emission Factors. The emissions are based on the horsepower rating of the diesel generator and the number of hours operated per year for testing purposes. Annual emergency generator GHG emissions in units of $MTCO_2e$ were calculated as follows:

Emergency Generator:

Emissions [lbs] = (Total HP x LF x HR × EF)

Where: Total HP = Total horsepower of emergency generators (Hp)
LF = Load Factor (CalEEMod default of 0.73)
HR = Hours Operated per Year
EF = AP-42 Emission Factor of 1.16 lb/hp-hr)

(7) Solid Waste Emissions

The generation of municipal solid waste (MSW) from day-to-day operational activities generally consists of product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, plastic, and other items routinely disposed of in trash bins. A portion of the MSW is diverted to waste recycling and reclamation facilities. Waste that is not diverted is usually sent to local landfills for disposal. MSW that is disposed in landfills results in GHG emissions of CO_2 and CH_4 from the decomposition of the waste that occurs over the span of many years.

Emissions of GHGs associated with solid waste disposal were calculated using the CalEEMod emissions inventory model. The emissions are based on the size of the retail and restaurant land uses, the waste disposal rate for the land uses, the waste diversion rate, the GHG emission factors for solid waste decomposition, and the GWP values for the

GHGs emitted. Annual waste disposal GHG emissions in units of $MTCO_2e$ were calculated in CalEEMod as follows:

Solid Waste:

$$\text{Annual Emissions } [MTCO_2e] = \left(\Sigma_i \left(\text{Units} \times D_{MSW} \times EF_{MSW} \times GWP \right)_i \right) \div 1.1023$$

Where: Units = Number of land use units (same land use type) [1,000 sf]

D_{MSW} = Waste disposal rate [tons/1,000 sf/yr]

EF_{MSW} = GHG emission factor [tons/ton waste]

GWP = Global warming potential [CO_2 = 1, CH_4 = 21, N_2O = 310]

1.1023 = Conversion factor [tons/MT]

i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

CalEEMod allows the input of several variables to quantify solid waste emissions. The model requires the amount of waste disposed, which is the product of the waste disposal rate times the land use units. CalEEMod default annaual solid waste disposal rates used. The GHG emission factors, particularly for CH_4, depend on characteristics of the landfill, such as the presence of a landfill gas capture system and subsequent flaring or energy recovery. The default values, as provided in CalEEMod, for landfill gas capture (e.g., no capture, flaring, energy recovery), which are statewide averages, were used in this assessment. The Project includes a 76.4-percent recycling/diversion rate currently achieved within the City.[9]

(8) Water Usage and Wastewater Generation Emissions

GHG emissions are related to the energy used to convey, treat, and distribute water and wastewater. Thus, these emissions are generally indirect emissions from the production of electricity to power these systems. Three processes are necessary to supply potable water and include: (1) supply and conveyance of the water from the source; (2) treatment of the water to potable standards; and (3) distribution of the water to individual users. After use, energy is used as the wastewater is treated and reused as reclaimed water.

[9] *City of Los Angeles, Sustainable City pLAn, Waste & Landfills, http://plan.lamayor.org/portfolio/waste-landfills-3rd, accessed February 21, 2019.*

Emissions related to water usage and wastewater generation were calculated using the CalEEMod emissions inventory model. The emissions are based on the size of the land uses, the water demand factors, the electrical intensity factors for water supply, treatment, and distribution and for wastewater treatment, the GHG emission factors for the electricity utility provider, and the GWP values for the GHGs emitted. CalEEMod default annual water demand and wastewater rates were used. GHG emissions due to electricity are calculated in CalEEMod as follows for indoor and outdoor water demand:

Water Supply, Treatment, and Distribution; Wastewater Treatment (electricity):

$$\text{Annual Emissions } [MTCO_2e] = (\Sigma_i \ (\text{Units} \times D_W \times (EI_W \div 1{,}000) \times EF_W \times GWP)_i \ ) \div 2{,}204.62$$

Where:
- Units = Number of land use units (same land use type) [1,000 sf]
- D_W = Water demand factor [million gallons (Mgal)/1,000 sf/yr]
- EI_W = Electricity intensity factor [kilowatt-hours (kWh)/Mgal]
- 1,000 = Conversion factor [kWh/MWh]
- EF_W = GHG emission factor [pounds/MWh]
- GWP = Global warming potential [CO_2 = 1, CH_4 = 21, N_2O = 310]
- 2,205 = Conversion factor [pounds/MT]
- *i* = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

CalEEMod provides options to account for the use of water saving features such as the use of low-flow water fixtures (e.g., low-flow faucets, low-flow toilets). The same electricity GHG emissions factors discussed above were used for water and wastewater energy usage. In addition, the calculation of Project GHG emissions from water/wastewater usage accounts for a 20 percent reduction in water/wastewater emissions with implementation of Project Design Features WAT-PDF-1 provided in Section IV.I.1, Utilities and Service Systems—Water Supply and Infrastructure, of this Draft EIR.

b. Post-2030 Analysis

Recent studies show that the State's existing and proposed regulatory framework will put the State on a pathway to reduce its GHG emissions level to 40 percent below 1990

levels by 2030, and to 80 percent below 1990 levels by 2050 if additional appropriate reduction measures are adopted.[10] Even though these studies did not provide an exact regulatory and technological roadmap to achieve the 2030 and 2050 goals, they demonstrated that various combinations of policies could allow the Statewide emissions level to remain very low through 2050.

Subsequent to the findings of these studies, SB 32 was passed on September 8, 2016, which would require the State board to ensure that Statewide GHG emissions are reduced to 40 percent below the 1990 level by 2030. The new plan outlined in SB 32 involves increasing renewable energy use, imposing tighter limits on the carbon content of gasoline and diesel fuel, putting more electric cars on the road, improving energy efficiency, and curbing emissions from key industries. An evaluation was provided to determine whether the Project's design features advanced these goals by reducing VMT, increasing the use of electric vehicles, improving energy efficiency and reducing water usage.

Further, an evaluation of the Project's consistency with SCAG's RTP/SCS was provided to demonstrate that the Project will be consistent with post-2020 GHG reduction goals. In March 2018, CARB adopted updated targets requiring a 19-percent decrease in per capita passenger vehicle GHG emissions for the SCAG region by 2035. The 2020-2045 RTP/SCS is expected to fulfill and exceed SB 375 compliance with respect to meeting the State's GHG emission reduction goals.

[10] *Energy and Environmental Economics (E3). "Summary of the California State Agencies' PATHWAYS Project: Long-term Greenhouse Gas Reduction Scenarios" (April 2015); Greenblatt, Jeffrey, Energy Policy, "Modeling California Impacts on Greenhouse Gas Emissions" (Vol. 78, pp. 158–172). The California Air Resources Board, California Energy Commission, California Public Utilities Commission, and the California Independent System Operator engaged E3 to evaluate the feasibility and cost of a range of potential 2030 targets along the way to the state's goal of reducing GHG emissions to 80 percent below 1990 levels by 2050. With input from the agencies, E3 developed scenarios that explore the potential pace at which emission reductions can be achieved, as well as the mix of technologies and practices deployed. E3 conducted the analysis using its California PATHWAYS model. Enhanced specifically for this study, the model encompasses the entire California economy with detailed representations of the buildings, industry, transportation and electricity sectors.*

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Appendix C-2 Construction Information

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Construction Information

NoHo Development Associates, LLC proposes the development of approximately 15.9 acres of land owned by the Los Angeles County Metropolitan Transportation Authority (Metro) at and including the terminus of Metro's B (Red) Line and G (Orange) Line (Project Site) as part of a joint development effort with Metro. The overall vision is a high-intensity, transit-oriented development with a mix of uses that includes market rate and affordable multi-family residential units, community-serving retail and restaurant uses, and office space that is integrated with bicycle, bus, rail, and parking facilities (collectively, the Project). The Project is designed in conformance with Metro's North Hollywood Guide for Development and intended to promote the goals of the City's future G (Orange) Line Transit Neighborhood Plan, which includes the North Hollywood Station. The Project is anticipated to be constructed in multiple, potentially overlapping phases over a period of approximately 15 years, with full buildout anticipated in 2037.

The Project would revitalize and expand transit facilities at Metro's North Hollywood Station, including the Metro B (Red) Line portal entry, bus terminal for the Metro G (Orange) Line, the Los Angeles Department of Transportation (LADOT) Commuter Express, and local/regional buses with integration of retail uses within the historic Lankershim Depot. Surrounding these transit improvements would be the development of: 1,523,528 square feet of residential uses comprised of 1,216 market rate units and 311 affordable residential units representing 20 percent of the total proposed residential density and up to 685,499 square feet of commercial uses comprised of retail, restaurant, and office uses. The proposed uses would be supported by up to 3,313 vehicle parking spaces and up to 1,158 bicycle parking spaces for Project uses. Overall, at buildout, the Project would remove 49,111 square feet of existing floor area, retain the 1,725-square-foot Lankershim Depot, and construct 2,207,302 square feet of new floor area, resulting in a net increase of 2,158,191 square feet, and a total of 2,209,027 square feet of floor area within the Project Site.

The Project Site is comprised of four general parcel groups that are proposed to be developed in nine specific geographical areas referred to as "blocks," which would be connected and integrated via streets and pedestrian pathways. These blocks are referred to as Block 0 West, Block 0 East, Block 1, Block 2, Block 3, Block 4, Block 5/6, Block 7, and Block 8 and are depicted in Figure 1. Two off-site parking structures for Metro uses are also proposed.

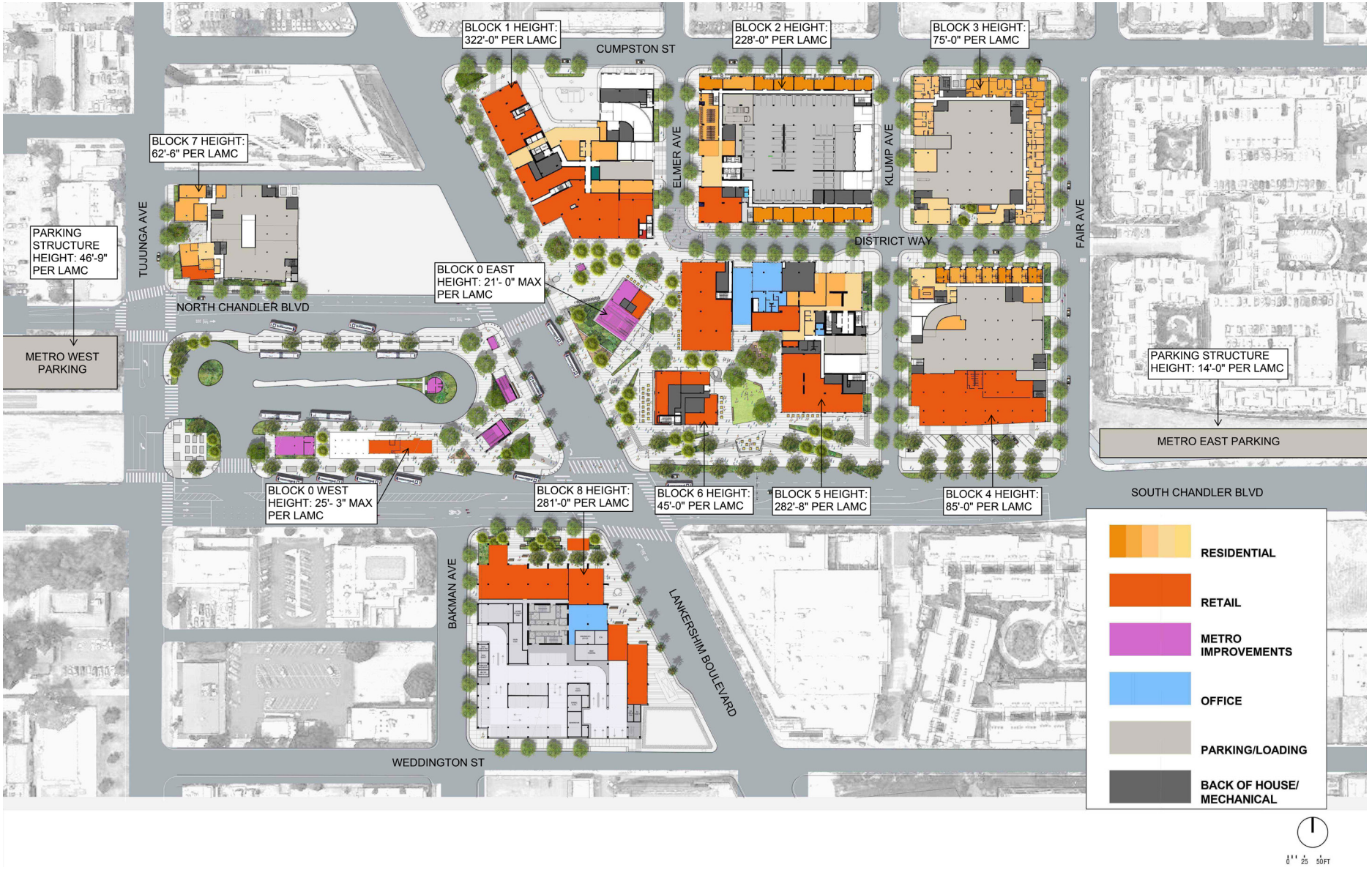


Figure I

Conceptual Site Plan-Ground Level Locations

Source: RELM HKS, 2020.

2. Anticipated Project Construction

Project construction is anticipated to take place in multiple, potentially overlapping phases beginning in 2022. Project construction would occur for each block in sequential phases (e.g. demolition, then grading and foundation, then building construction) with buildout expected to be completed in 2037. However, for purposes of conservatively analyzing construction impacts and to ensure that potential overlap of construction phases is accounted for, it was assumed that the Project's construction schedule could be compressed and be completed as early as 2035 with overlapping construction phases. Table 1 provides the overall construction phasing for each block that clearly delinates the overlap between blocks. Based on SCAQMD factors, the construction equipment and truck fleet mix will emit less pollution in future years due to more stringent emissions control regulations. As construction air quality impacts are evaluated on a worst-case day, the shorter construction duration (2022–2035) would assume more intensive activities on a daily basis, as well as overlapping activities. Therefore, as a conservative assumption, it was assumed that construction would be completed within 13 years.

Construction of the Project would commence by phase for each block with demolition of the existing structures to be removed and followed by grading and excavation for the subterranean levels and footings. Building foundations would then be laid, followed by building construction, paving/concrete installation, and landscape installation. Construction activities for individual buildings would have some overlapping activities. The analysis assumes that phases would overlap such as building construction in first phase would overlap with grading and excavation of the second phase. It is estimated that approximately 587,300 net cubic yards of export would be hauled from the Project Site. A detailed table for each block's construction subphase (e.g., demolition, grading, building construction) is provided below which includes a monthly subtotal of truck trips and employee trips.

Table 1

Construction Schedule for Project

Block	2022				2023				2024				2025				2026			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
East Lot	■	■																		
Block 0			■	■	■	■	■	■	■	■										
Block 7								■	■	■	■	■	■	■						
West Lot	■	■	■	■	■	■	■	■												
Block 8									■	■	■	■	■	■						
Block 5/6												■	■	■	■	■	■	■	■	
Block 4																				■
Block 3																				
Block 2																				
Block 1																				

Block	2027				2028				2029				2030				2031			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
East Lot																				
Block 0																				
Block 7																				
West Lot																				
Block 8																				
Block 5/6																				
Block 4	■	■	■	■	■	■	■	■												
Block 3									■	■	■	■	■	■	■	■				
Block 2																	■	■	■	■
Block 1																				

Block	2032				2033				2034				2035				2036			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
East Lot																				
Block 0																				
Block 7																				
West Lot																				
Block 8																				
Block 5/6																				
Block 4																				
Block 3																				
Block 2	■	■	■	■																
Block 1					■	■	■	■	■	■	■	■	■	■						

Source: Eyestone Environmental, 2021.

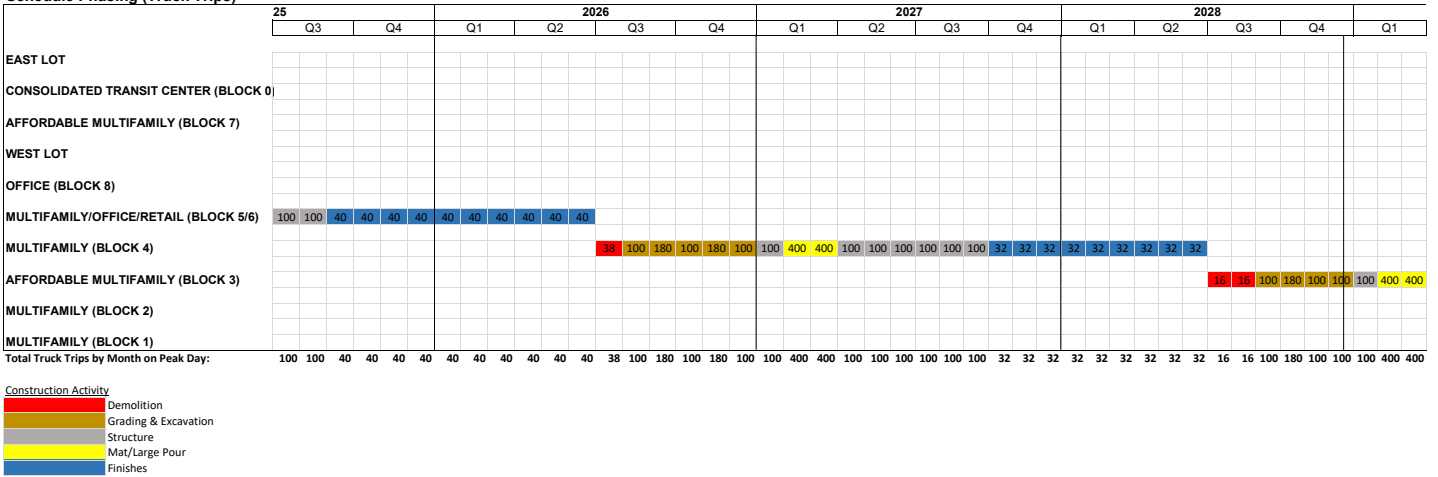
DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Truck Trips)

	2022												2023												2024												20	
	Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1				Q2			
EAST LOT	100	100	100	100																																		
CONSOLIDATED TRANSIT CENTER (BLOCK 0)					32	32	100	100	100	100	100	100	100	100	100	100	100	100	100	28	28	28																
AFFORDABLE MULTIFAMILY (BLOCK 7)											32	100	180	180	100	100	100	400	400	100	100	100	100	100	100	28	28	28	28	28	28	28	28	28				
WEST LOT	12	12	100	100	400	400	400	400	100	100	10	10																										
OFFICE (BLOCK 8)												10	10	100	240	240	240	240	240	800	800	800	800	100	100	100	100	100	100	100	32	32	32	32	32	32	32	32	32
MULTIFAMILY/OFFICE/RETAIL (BLOCK 5/6)																								46	100	240	240	240	240	240	240	240	240	100	800	800	800	800	800	800	100	100	100
MULTIFAMILY (BLOCK 4)																																						
AFFORDABLE MULTIFAMILY (BLOCK 3)																																						
MULTIFAMILY (BLOCK 2)																																						
MULTIFAMILY (BLOCK 1)																																						
Total Truck Trips by Month on Peak Day:	112	112	200	200	432	432	500	500	200	232	220	300	380	440	440	440	740	740	1000	928	928	928	246	300	368	368	368	368	368	368	300	300	160	832	832	832	832	832	832	132	100	100

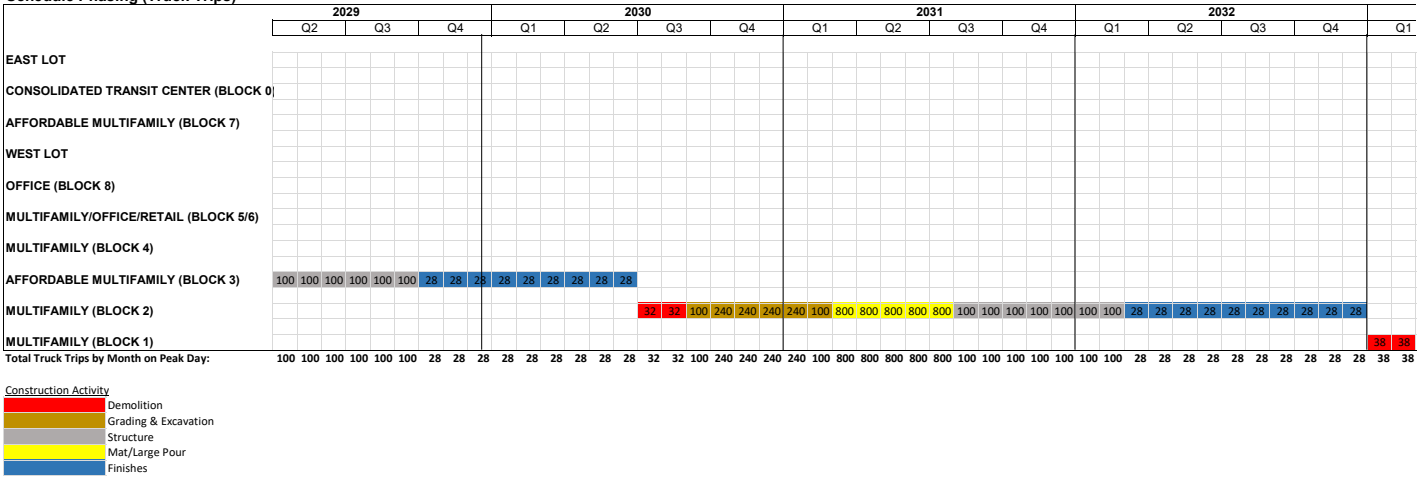
Construction Activity

- Demolition
- Grading & Excavation
- Structure
- Mat/Large Pour
- Finishes

DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Truck Trips)



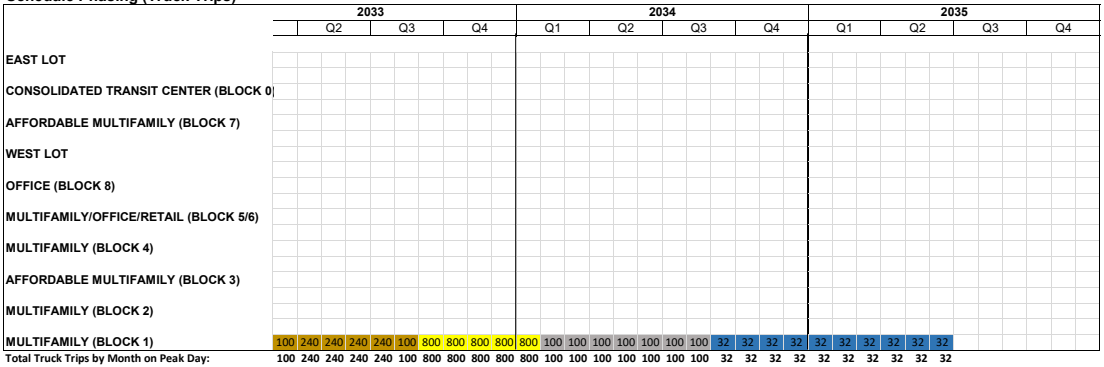
DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Truck Trips)



Construction Activity

- Demolition
- Grading & Excavation
- Structure
- Mat/Large Pour
- Finishes

DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Truck Trips)



Construction Activity

- Demolition
- Grading & Excavation
- Structure
- Mat/Large Pour
- Finishes

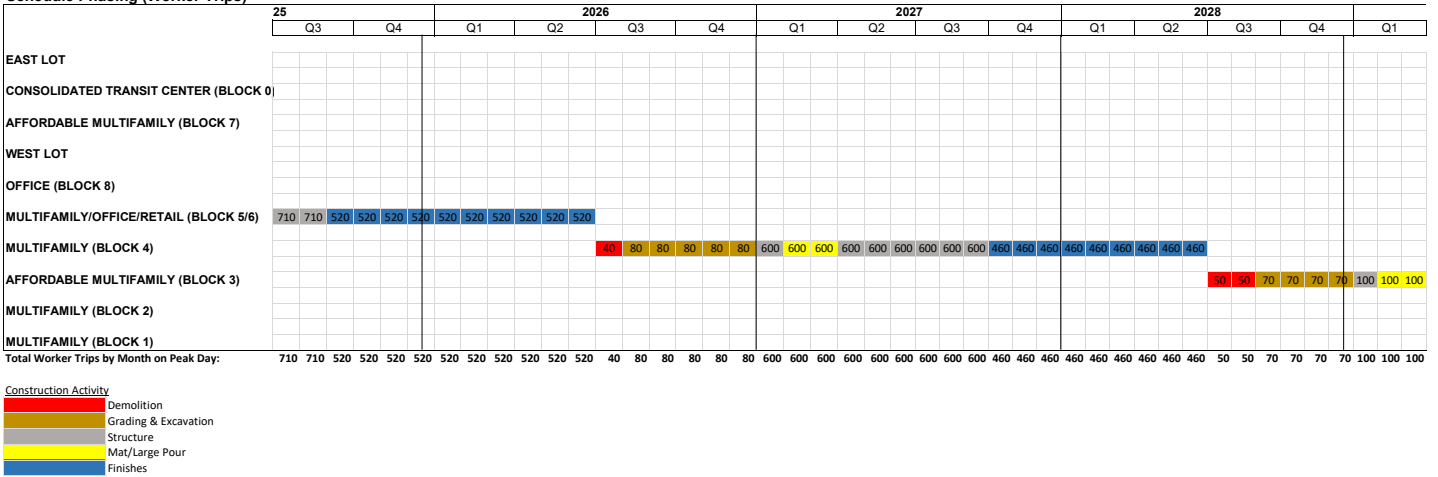
DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Worker Trips)

	2022				2023				2024				20	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
EAST LOT	30 50 50 50													
CONSOLIDATED TRANSIT CENTER (BLOCK 0)		50 50 70 70 70 70 70 100			100 100 100 100 100 100 100 80 80 80									
AFFORDABLE MULTIFAMILY (BLOCK 7)				30 70 70	70 70 70 550 550 550 550 550 550 550 550 550				420 420 420 420 420 420 420 420 420					
WEST LOT	40 40 60 60 170 170 170 170 170 170 110 110													
OFFICE (BLOCK 8)				40 40	80 80 80 80 80 80 300 300 300 300 300 300				300 300 300 300 300 300 400 400 400 400 400 400				400 400 400 400	
MULTIFAMILY/OFFICE/RETAIL (BLOCK 5/6)								40 100	100 100 100 100 100 100 100 100 100 100 710 710 710				710 710 710 710 710 710	
MULTIFAMILY (BLOCK 4)														
AFFORDABLE MULTIFAMILY (BLOCK 3)														
MULTIFAMILY (BLOCK 2)														
MULTIFAMILY (BLOCK 1)														
Total Worker Trips by Month on Peak Day:	70 90 110 110 220 220 240 240 240 270 290 320				250 250 250 730 730 730 950 930 930 930 890 950				820 820 820 820 820 820 920 920 920 ### ### ###				### ### ### ### ### 710 710	

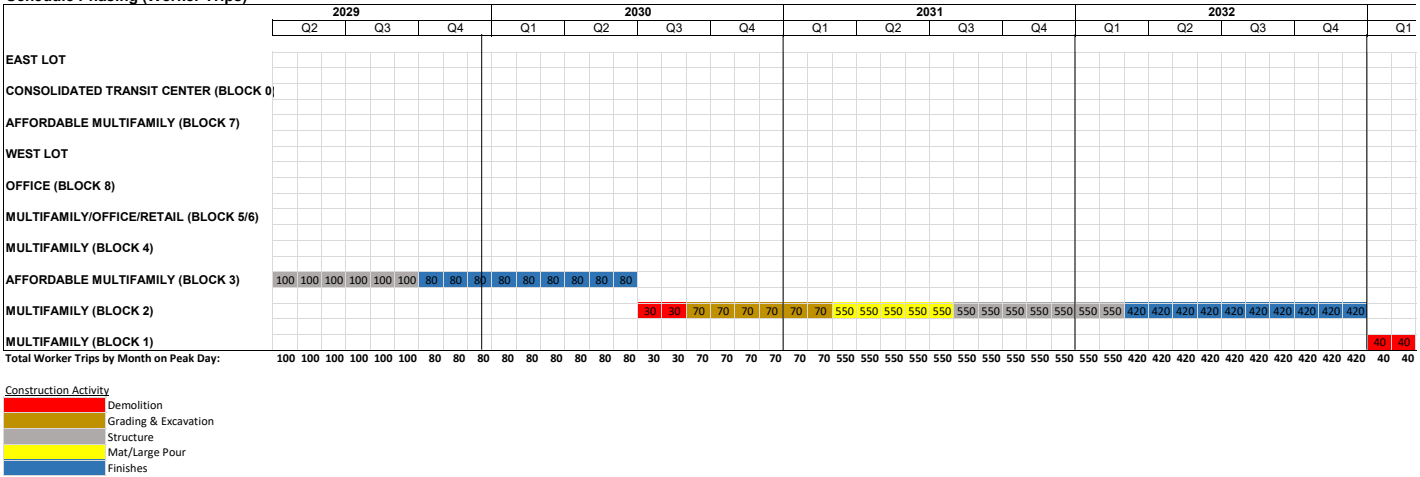
Construction Activity

- Demolition
- Grading & Excavation
- Structure
- Mat/Large Pour
- Finishes

DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Worker Trips)



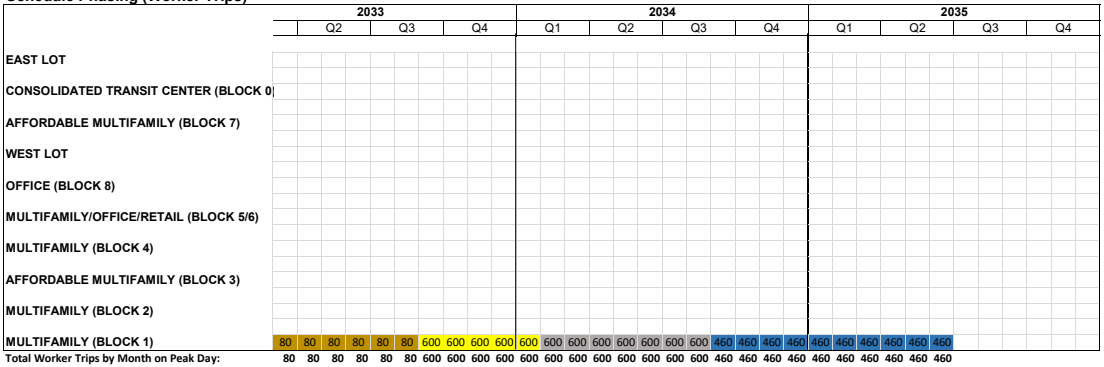
DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Worker Trips)



Construction Activity

- Demolition
- Grading & Excavation
- Structure
- Mat/Large Pour
- Finishes

DISTRICT NOHO MASTER PROJECT
Schedule Phasing (Worker Trips)



Construction Activity

- Demolition
- Grading & Excavation
- Structure
- Mat/Large Pour
- Finishes

District NoHo

Draft EIR

Appendix C-3-Air Quality Worksheets and Modeling Output Files

- Appendix C-3: Air Quality Worksheets and Modeling Output Files
    - Appendix C-3.1: Construction Impacts
        - CalEEMod Construction-Regional Outputs
            - 2022-2023
            - 2024-2035
        - CalEEMod Construction-Localized Outputs
            - 2022-2023
            - 2024-2035
        - Evaluation of Mitigation Measure AIR-MM-2
    - Appendix C-3.2: Operation Impacts
        - Summary of Operation-Regional
        - CalEEMod Operational-Regional Outputs
            - Existing (2020)
            - Phase 1 Operations (Year 2025 Interim Year)
            - Buildout (Year 2035) No PDFs
            - Buildout (Year 2035) with PDFs
            - Project
    - Appendix C-3.3: CO Hotspot Analysis

District NoHo (2022-2023)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	13.32	580,374.00	0
Enclosed Parking with Elevator	3,313.00	Space	29.82	1,325,200.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	40.18	1,195,111.00	4367
Strip Mall	105.13	1000sqft	2.41	105,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific

Demolition - specific

Grading -

Construction Off-road Equipment Mitigation - MM

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tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	493.00	100.00
tblTripsAndVMT	VendorTripNumber	0.00	32.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT

tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	30.00	40.00
tblTripsAndVMT	WorkerTripNumber	25.00	40.00
tblTripsAndVMT	WorkerTripNumber	55.00	70.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	110.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	100.00
tblTripsAndVMT	WorkerTripNumber	65.00	80.00
tblTripsAndVMT	WorkerTripNumber	375.00	0.00
tblTripsAndVMT	WorkerTripNumber	48.00	550.00
tblTripsAndVMT	WorkerTripNumber	93.00	300.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	550.00
tblTripsAndVMT	WorkerTripNumber	23.00	40.00
tblTripsAndVMT	WorkerTripNumber	35.00	30.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	300.00
tblTripsAndVMT	WorkerTripNumber	68.00	100.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	50.00
tblTripsAndVMT	WorkerTripNumber	50.00	60.00
tblTripsAndVMT	WorkerTripNumber	23.00	50.00
tblTripsAndVMT	WorkerTripNumber	45.00	170.00
tblTripsAndVMT	WorkerTripNumber	55.00	70.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	170.00
tblTripsAndVMT	WorkerTripNumber	23.00	30.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2022	19.3193	235.5174	178.1104	0.6248	14.0211	6.9012	20.9223	3.3101	6.5209	9.8310	0.0000	63,782.3370	63,782.3370	9.1325	0.0000	64,010.6498
2023	75.5920	210.8190	193.9121	0.7291	18.7170	5.8823	23.7378	4.7729	5.6447	9.7489	0.0000	75,458.6498	75,458.6498	9.0327	0.0000	75,684.4675
Maximum	**75.5920**	**235.5174**	**193.9121**	**0.7291**	**18.7170**	**6.9012**	**23.7378**	**4.7729**	**6.5209**	**9.8310**	**0.0000**	**75,458.6498**	**75,458.6498**	**9.1325**	**0.0000**	**75,684.4675**

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	lb/day										lb/day					
2022	9.1101	121.9661	206.4303	0.6248	11.9682	1.0561	13.0243	3.0555	1.0410	4.0965	0.0000	63,782.3370	63,782.3370	9.1325	0.0000	64,010.6497
2023	67.4344	144.0717	219.6488	0.7291	17.4952	1.5003	18.5390	4.7608	1.4913	5.8289	0.0000	75,458.6498	75,458.6498	9.0327	0.0000	75,684.4674

Maximum	67.4344	144.0717	219.6488	0.7291	17.4952	1.5003	18.5390	4.7608	1.4913	5.8289	0.0000	75,458.6498	75,458.6498	9.1325	0.0000	75,684.4674

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	19.35	40.40	-14.53	0.00	10.00	80.00	29.33	3.30	79.18	49.31	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	West Lot Demolition	Demolition	1/1/2022	2/28/2022	5	41	
2	East Lot Grading	Grading	1/1/2022	1/31/2022	5	21	
3	East Lot Building Construction	Building Construction	2/1/2022	4/29/2022	5	64	
4	West Lot Grading	Grading	3/1/2022	4/30/2022	5	44	
5	Block 0 Demolition	Demolition	5/1/2022	6/30/2022	5	44	
6	West Lot Foundation	Trenching	5/1/2022	8/30/2022	5	87	
7	Block 0 Grading	Grading	7/1/2022	11/30/2022	5	109	
8	West Lot Building Construction	Building Construction	9/1/2022	10/31/2022	5	43	
9	Block 7 Demolition	Demolition	10/1/2022	10/31/2022	5	21	
10	Block 8 Demolition	Demolition	11/1/2022	12/30/2022	5	44	
11	Block 7 Grading	Grading	11/1/2022	3/31/2023	5	109	
12	West Lot Finishing	Building Construction	11/1/2022	12/31/2022	5	44	
13	Block 0 Building Construction	Building Construction	12/1/2022	7/31/2023	5	173	
14	Block 8 Grading	Grading	1/1/2023	6/30/2023	5	130	
15	Block 0&7 Finishing	Architectural Coating	1/1/2023	12/31/2023	5	260	
16	Block 7 Foundation	Trenching	4/1/2023	6/30/2023	5	65	
17	Block 8 Foundation	Trenching	7/1/2023	10/31/2023	5	87	
18	Block 7 Building Construction	Building Construction	7/1/2023	12/31/2023	5	130	
19	Block 5/6 Demolition	Demolition	11/1/2023	11/30/2023	5	22	
20	Block 8 Building Construction	Building Construction	11/1/2023	12/31/2023	5	43	
21	Block 5/6 Grading	Grading	12/1/2023	12/29/2023	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 29.82

Residential Indoor: 2,420,100; Residential Outdoor: 806,700; Non-Residential Indoor: 1,028,249; Non-Residential Outdoor: 342,750;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
West Lot Demolition	Air Compressors	1	8.00	78	0.48
West Lot Demolition	Concrete/Industrial Saws	2	4.00	81	0.73
West Lot Demolition	Cranes	1	10.00	231	0.29
West Lot Demolition	Excavators	1	8.00	158	0.38
West Lot Demolition	Forklifts	1	8.00	89	0.20
West Lot Demolition	Generator Sets	1	8.00	84	0.74
West Lot Demolition	Other Construction Equipment	1	8.00	172	0.42
West Lot Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
West Lot Demolition	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Demolition	Scrapers	1	8.00	367	0.48
West Lot Demolition	Signal Boards	1	8.00	6	0.82

West Lot Demolition	Skid Steer Loaders	1	8.00	65	0.37
East Lot Grading	Air Compressors	1	8.00	78	0.48
East Lot Grading	Cement and Mortar Mixers	1	8.00	9	0.56
East Lot Grading	Concrete/Industrial Saws	1	4.00	81	0.73
East Lot Grading	Excavators	0	8.00	158	0.38
East Lot Grading	Forklifts	1	8.00	89	0.20
East Lot Grading	Generator Sets	1	8.00	84	0.74
East Lot Grading	Graders	0	8.00	187	0.41
East Lot Grading	Other Construction Equipment	1	8.00	172	0.42
East Lot Grading	Paving Equipment	1	8.00	132	0.36
East Lot Grading	Plate Compactors	1	8.00	8	0.43
East Lot Grading	Rollers	1	8.00	80	0.38
East Lot Grading	Rough Terrain Forklifts	1	8.00	100	0.40
East Lot Grading	Rubber Tired Dozers	0	8.00	247	0.40
East Lot Grading	Rubber Tired Loaders	1	8.00	203	0.36
East Lot Grading	Scrapers	1	8.00	367	0.48
East Lot Grading	Skid Steer Loaders	1	8.00	65	0.37
East Lot Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
East Lot Grading	Welders	1	8.00	46	0.45
East Lot Building Construction	Aerial Lifts	4	8.00	63	0.31
East Lot Building Construction	Air Compressors	1	8.00	78	0.48
East Lot Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
East Lot Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
East Lot Building Construction	Cranes	0	7.00	231	0.29
East Lot Building Construction	Forklifts	4	8.00	89	0.20
East Lot Building Construction	Generator Sets	1	8.00	84	0.74
East Lot Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
East Lot Building Construction	Welders	1	8.00	46	0.45
West Lot Grading	Air Compressors	1	8.00	78	0.48
West Lot Grading	Bore/Drill Rigs	2	8.00	221	0.50
West Lot Grading	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Grading	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Grading	Excavators	2	8.00	158	0.38
West Lot Grading	Forklifts	1	8.00	89	0.20
West Lot Grading	Generator Sets	1	8.00	84	0.74
West Lot Grading	Graders	0	8.00	187	0.41
West Lot Grading	Other Construction Equipment	1	8.00	172	0.42
West Lot Grading	Pumps	1	8.00	84	0.74
West Lot Grading	Rough Terrain Forklifts	1	8.00	100	0.40
West Lot Grading	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Grading	Rubber Tired Loaders	1	8.00	203	0.36
West Lot Grading	Scrapers	0	8.00	367	0.48
West Lot Grading	Signal Boards	2	8.00	6	0.82
West Lot Grading	Skid Steer Loaders	1	8.00	65	0.37
West Lot Grading	Surfacing Equipment	1	8.00	263	0.30
West Lot Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
West Lot Grading	Trenchers	1	8.00	78	0.50
West Lot Grading	Welders	1	8.00	46	0.45
Block 0 Demolition	Air Compressors	1	8.00	78	0.48
Block 0 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 0 Demolition	Excavators	1	8.00	158	0.38

Block 0 Demolition	Forklifts	1	8.00	89	0.20
Block 0 Demolition	Generator Sets	1	8.00	84	0.74
Block 0 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 0 Demolition	Pavers	0	8.00	130	0.42
Block 0 Demolition	Paving Equipment	0	8.00	132	0.36
Block 0 Demolition	Rollers	0	8.00	80	0.38
Block 0 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Block 0 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 0 Demolition	Trenchers	1	8.00	78	0.50
West Lot Foundation	Aerial Lifts	4	8.00	63	0.31
West Lot Foundation	Air Compressors	2	8.00	78	0.48
West Lot Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Foundation	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Foundation	Cranes	2	10.00	231	0.29
West Lot Foundation	Forklifts	2	8.00	89	0.20
West Lot Foundation	Generator Sets	1	8.00	84	0.74
West Lot Foundation	Pumps	1	8.00	84	0.74
West Lot Foundation	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Foundation	Signal Boards	2	8.00	6	0.82
West Lot Foundation	Skid Steer Loaders	1	8.00	65	0.37
West Lot Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
West Lot Foundation	Welders	1	8.00	46	0.45
Block 0 Grading	Air Compressors	1	8.00	78	0.48
Block 0 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 0 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 0 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 0 Grading	Excavators	0	8.00	158	0.38
Block 0 Grading	Forklifts	1	8.00	89	0.20
Block 0 Grading	Generator Sets	1	8.00	84	0.74
Block 0 Grading	Graders	2	8.00	187	0.41
Block 0 Grading	Other Construction Equipment	1	4.00	172	0.42
Block 0 Grading	Pavers	1	8.00	130	0.42
Block 0 Grading	Paving Equipment	1	8.00	132	0.36
Block 0 Grading	Plate Compactors	1	8.00	8	0.43
Block 0 Grading	Pumps	1	8.00	84	0.74
Block 0 Grading	Rollers	1	8.00	80	0.38
Block 0 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 0 Grading	Scrapers	1	8.00	367	0.48
Block 0 Grading	Signal Boards	2	8.00	6	0.82
Block 0 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 0 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 0 Grading	Trenchers	1	8.00	78	0.50
Block 0 Grading	Welders	1	8.00	46	0.45
West Lot Building Construction	Aerial Lifts	4	8.00	63	0.31
West Lot Building Construction	Air Compressors	2	8.00	78	0.48
West Lot Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Building Construction	Cranes	2	10.00	231	0.29
West Lot Building Construction	Forklifts	2	8.00	89	0.20
West Lot Building Construction	Generator Sets	1	8.00	84	0.74
West Lot Building Construction	Pumps	1	8.00	84	0.74

West Lot Building Construction	Signal Boards	2	8.00	6	0.82
West Lot Building Construction	Skid Steer Loaders	1	8.00	65	0.37
West Lot Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
West Lot Building Construction	Welders	1	8.00	46	0.45
Block 7 Demolition	Air Compressors	1	8.00	78	0.48
Block 7 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 7 Demolition	Excavators	1	8.00	158	0.38
Block 7 Demolition	Forklifts	1	8.00	89	0.20
Block 7 Demolition	Generator Sets	1	8.00	84	0.74
Block 7 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 7 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 7 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 7 Demolition	Scrapers	1	8.00	367	0.48
Block 7 Demolition	Trenchers	1	8.00	78	0.50
Block 8 Demolition	Air Compressors	1	8.00	78	0.48
Block 8 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 8 Demolition	Excavators	1	8.00	158	0.38
Block 8 Demolition	Forklifts	1	8.00	89	0.20
Block 8 Demolition	Generator Sets	1	8.00	84	0.74
Block 8 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 8 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 8 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 8 Demolition	Scrapers	1	8.00	367	0.48
Block 8 Demolition	Signal Boards	1	8.00	6	0.82
Block 8 Demolition	Trenchers	1	8.00	78	0.50
Block 7 Grading	Air Compressors	1	8.00	78	0.48
Block 7 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 7 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Grading	Excavators	2	8.00	158	0.38
Block 7 Grading	Forklifts	1	8.00	89	0.20
Block 7 Grading	Generator Sets	1	8.00	84	0.74
Block 7 Grading	Graders	0	8.00	187	0.41
Block 7 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 7 Grading	Pumps	1	8.00	84	0.74
Block 7 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 7 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 7 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 7 Grading	Scrapers	0	8.00	367	0.48
Block 7 Grading	Signal Boards	2	8.00	6	0.82
Block 7 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 7 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 7 Grading	Trenchers	1	8.00	78	0.50
Block 7 Grading	Welders	2	8.00	46	0.45
West Lot Finishing	Aerial Lifts	4	8.00	63	0.31
West Lot Finishing	Air Compressors	0	6.00	78	0.48
West Lot Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Finishing	Cranes	0	7.00	231	0.29
West Lot Finishing	Forklifts	2	8.00	89	0.20
West Lot Finishing	Generator Sets	0	8.00	84	0.74

West Lot Finishing	Pavers	1	8.00	130	0.42
West Lot Finishing	Paving Equipment	1	8.00	132	0.36
West Lot Finishing	Plate Compactors	1	8.00	8	0.43
West Lot Finishing	Pumps	1	8.00	84	0.74
West Lot Finishing	Rollers	1	8.00	80	0.38
West Lot Finishing	Signal Boards	1	8.00	6	0.82
West Lot Finishing	Surfacing Equipment	1	8.00	263	0.30
West Lot Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
West Lot Finishing	Trenchers	1	8.00	78	0.50
West Lot Finishing	Welders	0	8.00	46	0.45
Block 0 Building Construction	Aerial Lifts	1	8.00	63	0.31
Block 0 Building Construction	Air Compressors	1	8.00	78	0.48
Block 0 Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Block 0 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 0 Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
Block 0 Building Construction	Cranes	2	10.00	231	0.29
Block 0 Building Construction	Forklifts	1	8.00	89	0.20
Block 0 Building Construction	Generator Sets	0	8.00	84	0.74
Block 0 Building Construction	Other Construction Equipment	1	4.00	172	0.42
Block 0 Building Construction	Plate Compactors	1	8.00	8	0.43
Block 0 Building Construction	Pumps	1	8.00	84	0.74
Block 0 Building Construction	Signal Boards	1	8.00	6	0.82
Block 0 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 0 Building Construction	Welders	1	8.00	46	0.45
Block 8 Grading	Air Compressors	1	8.00	78	0.48
Block 8 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 8 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 8 Grading	Excavators	3	8.00	158	0.38
Block 8 Grading	Forklifts	1	8.00	89	0.20
Block 8 Grading	Generator Sets	1	8.00	84	0.74
Block 8 Grading	Graders	0	8.00	187	0.41
Block 8 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 8 Grading	Pumps	1	8.00	84	0.74
Block 8 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 8 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 8 Grading	Scrapers	0	8.00	367	0.48
Block 8 Grading	Signal Boards	2	8.00	6	0.82
Block 8 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 8 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 8 Grading	Trenchers	1	8.00	78	0.50
Block 8 Grading	Welders	4	8.00	46	0.45
Block 0&7 Finishing	Aerial Lifts	0	8.00	63	0.31
Block 0&7 Finishing	Air Compressors	0	6.00	78	0.48
Block 0&7 Finishing	Concrete/Industrial Saws	0	4.00	81	0.73
Block 0&7 Finishing	Cranes	0	10.00	231	0.29
Block 0&7 Finishing	Forklifts	0	8.00	89	0.20
Block 0&7 Finishing	Other Construction Equipment	0	4.00	172	0.42
Block 0&7 Finishing	Pavers	0	8.00	130	0.42
Block 0&7 Finishing	Paving Equipment	0	8.00	132	0.36

Block 0&7 Finishing	Plate Compactors	0	8.00	8	0.43
Block 0&7 Finishing	Pumps	0	8.00	84	0.74
Block 0&7 Finishing	Rollers	0	8.00	80	0.38
Block 0&7 Finishing	Signal Boards	0	8.00	6	0.82
Block 0&7 Finishing	Surfacing Equipment	0	8.00	263	0.30
Block 0&7 Finishing	Trenchers	0	8.00	78	0.50
Block 0&7 Finishing	Welders	0	8.00	46	0.45
Block 7 Foundation	Aerial Lifts	3	8.00	63	0.31
Block 7 Foundation	Air Compressors	2	8.00	78	0.48
Block 7 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Foundation	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Foundation	Cranes	1	10.00	231	0.29
Block 7 Foundation	Forklifts	3	8.00	89	0.20
Block 7 Foundation	Generator Sets	1	8.00	84	0.74
Block 7 Foundation	Pumps	1	8.00	84	0.74
Block 7 Foundation	Signal Boards	1	8.00	6	0.82
Block 7 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Foundation	Welders	3	8.00	46	0.45
Block 8 Foundation	Aerial Lifts	8	8.00	63	0.31
Block 8 Foundation	Air Compressors	2	8.00	78	0.48
Block 8 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Foundation	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Foundation	Cranes	4	10.00	231	0.29
Block 8 Foundation	Forklifts	3	8.00	89	0.20
Block 8 Foundation	Generator Sets	1	8.00	84	0.74
Block 8 Foundation	Pumps	1	8.00	84	0.74
Block 8 Foundation	Signal Boards	1	8.00	6	0.82
Block 8 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Foundation	Welders	10	8.00	46	0.45
Block 7 Building Construction	Aerial Lifts	3	8.00	63	0.31
Block 7 Building Construction	Air Compressors	2	8.00	78	0.48
Block 7 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Building Construction	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Building Construction	Cranes	1	10.00	231	0.29
Block 7 Building Construction	Forklifts	3	8.00	89	0.20
Block 7 Building Construction	Generator Sets	1	8.00	84	0.74
Block 7 Building Construction	Pumps	1	8.00	84	0.74
Block 7 Building Construction	Signal Boards	1	8.00	6	0.82
Block 7 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 7 Building Construction	Welders	3	8.00	46	0.45
Block 5/6 Demolition	Air Compressors	1	8.00	78	0.48
Block 5/6 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 5/6 Demolition	Excavators	1	8.00	158	0.38
Block 5/6 Demolition	Forklifts	1	8.00	89	0.20
Block 5/6 Demolition	Generator Sets	1	8.00	84	0.74
Block 5/6 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Demolition	Scrapers	1	8.00	367	0.48
Block 5/6 Demolition	Trenchers	1	8.00	78	0.50

Block 8 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 8 Building Construction	Air Compressors	2	8.00	78	0.48
Block 8 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Building Construction	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Building Construction	Cranes	4	10.00	231	0.29
Block 8 Building Construction	Forklifts	3	8.00	89	0.20
Block 8 Building Construction	Generator Sets	1	8.00	84	0.74
Block 8 Building Construction	Pumps	1	8.00	84	0.74
Block 8 Building Construction	Signal Boards	1	8.00	6	0.82
Block 8 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Building Construction	Welders	10	8.00	46	0.45
Block 5/6 Grading	Air Compressors	1	8.00	78	0.48
Block 5/6 Grading	Bore/Drill Rigs	4	8.00	221	0.50
Block 5/6 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Grading	Excavators	3	8.00	158	0.38
Block 5/6 Grading	Forklifts	1	8.00	89	0.20
Block 5/6 Grading	Generator Sets	1	8.00	84	0.74
Block 5/6 Grading	Graders	0	8.00	187	0.41
Block 5/6 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Grading	Pumps	1	8.00	84	0.74
Block 5/6 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 5/6 Grading	Scrapers	0	8.00	367	0.48
Block 5/6 Grading	Signal Boards	2	8.00	6	0.82
Block 5/6 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 5/6 Grading	Trenchers	1	8.00	78	0.50
Block 5/6 Grading	Welders	3	8.00	46	0.45

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
West Lot Demolition	12	40.00	12.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
East Lot Grading	14	30.00	100.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
East Lot Building Construction	13	50.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
West Lot Grading	20	60.00	100.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 0 Demolition	9	50.00	32.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Foundation	18	170.00	400.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 0 Grading	22	70.00	100.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Building Construction	18	170.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 7 Demolition	9	30.00	32.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Demolition	10	40.00	10.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 7 Grading	22	70.00	180.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Finishing	15	110.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 0 Building Construction	14	100.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Grading	26	80.00	240.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT

Block 0&7 Finishing	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 7 Foundation	19	550.00	400.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Foundation	37	300.00	800.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 7 Building Construction	20	550.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Demolition	9	40.00	46.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Building Construction	37	300.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Grading	27	100.00	100.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 West Lot Demolition - 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	lb/day										lb/day					
Fugitive Dust					0.7829	0.0000	0.7829	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1767	31.1965	30.9057	0.0583		1.4273	1.4273		1.3467	1.3467		5,589.6318	5,589.6318	1.3688		5,623.8514
Total	**3.1767**	**31.1965**	**30.9057**	**0.0583**	**0.7829**	**1.4273**	**2.2102**	**0.1185**	**1.3467**	**1.4652**		**5,589.6318**	**5,589.6318**	**1.3688**		**5,623.8514**

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	lb/day										lb/day					
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
Vendor	0.1323	3.9163	1.0647	0.0127	0.5342	0.0124	0.5466	0.1398	0.0119	0.1517		1,376.6222	1,376.6222	0.0928		1,378.9428
Worker	0.1791	0.1178	1.3567	4.1500e-003	0.8358	3.5000e-003	0.8393	0.2140	3.2200e-003	0.2172		413.8278	413.8278	0.0114		414.1127
Total	**0.3114**	**4.0341**	**2.4214**	**0.0168**	**1.3700**	**0.0159**	**1.3859**	**0.3538**	**0.0151**	**0.3689**		**1,790.4500**	**1,790.4500**	**0.1042**		**1,793.0555**

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	lb/day										lb/day					
Fugitive Dust					0.3053	0.0000	0.3053	0.0462	0.0000	0.0462			0.0000			0.0000
Off-Road	0.7524	4.3129	34.7171	0.0583		0.1033	0.1033		0.1033	0.1033	0.0000	5,589.6318	5,589.6318	1.3688		5,623.8514
Total	**0.7524**	**4.3129**	**34.7171**	**0.0583**	**0.3053**	**0.1033**	**0.4086**	**0.0462**	**0.1033**	**0.1495**	**0.0000**	**5,589.6318**	**5,589.6318**	**1.3688**		**5,623.8514**

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	lb/day										lb/day					
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
Vendor	0.1323	3.9163	1.0647	0.0127	0.5342	0.0124	0.5466	0.1398	0.0119	0.1517		1,376.6222	1,376.6222	0.0928		1,378.9428
Worker	0.1791	0.1178	1.3567	4.1500e-003	0.8358	3.5000e-003	0.8393	0.2140	3.2200e-003	0.2172		413.8278	413.8278	0.0114		414.1127
Total	**0.3114**	**4.0341**	**2.4214**	**0.0168**	**1.3700**	**0.0159**	**1.3859**	**0.3538**	**0.0151**	**0.3689**		**1,790.4500**	**1,790.4500**	**0.1042**		**1,793.0555**

3.3 East Lot Grading - 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	lb/day										lb/day					
Fugitive Dust					1.0645	0.0000	1.0645	0.1151	0.0000	0.1151			0.0000			0.0000
Off-Road	3.2833	31.0001	31.3041	0.0588		1.4088	1.4088		1.3296	1.3296		5,592.1426	5,592.1426	1.3992		5,627.1216
Total	**3.2833**	**31.0001**	**31.3041**	**0.0588**	**1.0645**	**1.4088**	**2.4734**	**0.1151**	**1.3296**	**1.4447**		**5,592.1426**	**5,592.1426**	**1.3992**		**5,627.1216**

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	lb/day										lb/day					
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
Vendor	1.1025	32.6355	8.8727	0.1056	2.5346	0.1035	2.6381	0.6947	0.0991	0.7937		11,471.8517	11,471.8517	0.7735		11,491.1903
Worker	0.1344	0.0884	1.0175	3.1100e-003	0.3353	2.6200e-003	0.3380	0.0889	2.4200e-003	0.0914		310.3708	310.3708	8.5500e-003		310.5845
Total	**1.2369**	**32.7238**	**9.8903**	**0.1087**	**2.8699**	**0.1062**	**2.9760**	**0.7836**	**0.1015**	**0.8851**		**11,782.2225**	**11,782.2225**	**0.7821**		**11,801.7748**

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	lb/day										lb/day					
Fugitive Dust					0.4152	0.0000	0.4152	0.0449	0.0000	0.0449			0.0000			0.0000
Off-Road	1.0069	5.6822	35.2443	0.0588		0.1643	0.1643		0.1643	0.1643	0.0000	5,592.1426	5,592.1426	1.3992		5,627.1216
Total	**1.0069**	**5.6822**	**35.2443**	**0.0588**	**0.4152**	**0.1643**	**0.5795**	**0.0449**	**0.1643**	**0.2092**	**0.0000**	**5,592.1426**	**5,592.1426**	**1.3992**		**5,627.1216**

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	lb/day										lb/day					
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
Vendor	1.1025	32.6355	8.8727	0.1056	2.5346	0.1035	2.6381	0.6947	0.0991	0.7937		11,471.8517	11,471.8517	0.7735		11,491.1903
Worker	0.1344	0.0884	1.0175	3.1100e-003	0.3353	2.6200e-003	0.3380	0.0889	2.4200e-003	0.0914		310.3708	310.3708	8.5500e-003		310.5845
Total	**1.2369**	**32.7238**	**9.8903**	**0.1087**	**2.8699**	**0.1062**	**2.9760**	**0.7836**	**0.1015**	**0.8851**		**11,782.2225**	**11,782.2225**	**0.7821**		**11,801.7748**

3.4 East Lot 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	lb/day										lb/day					
Off-Road	1.7157	14.4986	18.9216	0.0298		0.7303	0.7303		0.7046	0.7046		2,795.2277	2,795.2277	0.5022		2,807.7815
Total	**1.7157**	**14.4986**	**18.9216**	**0.0298**		**0.7303**	**0.7303**		**0.7046**	**0.7046**		**2,795.2277**	**2,795.2277**	**0.5022**		**2,807.7815**

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	lb/day										lb/day					
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
Vendor	0.2996	9.2079	2.6577	0.0248	0.6402	0.0179	0.6582	0.1843	0.0171	0.2015		2,649.7028	2,649.7028	0.1665		2,653.8660
Worker	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.5235**	**9.3552**	**4.3536**	**0.0300**	**1.1991**	**0.0223**	**1.2214**	**0.3326**	**0.0212**	**0.3537**		**3,166.9875**	**3,166.9875**	**0.1808**		**3,171.5068**

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	lb/day										lb/day					
Off-Road	0.7129	6.5251	20.1773	0.0298		0.1175	0.1175		0.1175	0.1175	0.0000	2,795.2277	2,795.2277	0.5022		2,807.7815
Total	**0.7129**	**6.5251**	**20.1773**	**0.0298**		**0.1175**	**0.1175**		**0.1175**	**0.1175**	**0.0000**	**2,795.2277**	**2,795.2277**	**0.5022**		**2,807.7815**

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	lb/day										lb/day					
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
Vendor	0.2996	9.2079	2.6577	0.0248	0.6402	0.0179	0.6582	0.1843	0.0171	0.2015		2,649.7028	2,649.7028	0.1665		2,653.8660
Worker	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.5235**	**9.3552**	**4.3536**	**0.0300**	**1.1991**	**0.0223**	**1.2214**	**0.3326**	**0.0212**	**0.3537**		**3,166.9875**	**3,166.9875**	**0.1808**		**3,171.5068**

3.5 West Lot Grading - 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	lb/day										lb/day					
Fugitive Dust					0.0154	0.0000	0.0154	2.3400e-003	0.0000	2.3400e-003			0.0000			0.0000
Off-Road	4.1118	37.3386	41.6897	0.0869		1.7762	1.7762		1.6815	1.6815		8,270.5620	8,270.5620	2.0816		8,322.6025
Total	**4.1118**	**37.3386**	**41.6897**	**0.0869**	**0.0154**	**1.7762**	**1.7916**	**2.3400e-003**	**1.6815**	**1.6838**		**8,270.5620**	**8,270.5620**	**2.0816**		**8,322.6025**

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	lb/day										lb/day					
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
Vendor	1.1025	32.6355	8.8727	0.1056	2.5346	0.1035	2.6381	0.6947	0.0991	0.7937		11,471.8517	11,471.8517	0.7735		11,491.1903
Worker	0.2687	0.1767	2.0351	6.2300e-003	0.6707	5.2500e-003	0.6759	0.1779	4.8400e-003	0.1827		620.7417	620.7417	0.0171		621.1690
Total	**1.3712**	**32.8122**	**10.9078**	**0.1118**	**3.2052**	**0.1088**	**3.3140**	**0.8726**	**0.1039**	**0.9764**		**12,092.5934**	**12,092.5934**	**0.7906**		**12,112.3593**

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	lb/day										lb/day					
Fugitive Dust					6.0100e-003	0.0000	6.0100e-003	9.1000e-004	0.0000	9.1000e-004			0.0000			0.0000
Off-Road	1.4422	7.7902	52.3423	0.0869		0.2350	0.2350		0.2350	0.2350	0.0000	8,270.5620	8,270.5620	2.0816		8,322.6024
Total	**1.4422**	**7.7902**	**52.3423**	**0.0869**	**6.0100e-003**	**0.2350**	**0.2410**	**9.1000e-004**	**0.2350**	**0.2359**	**0.0000**	**8,270.5620**	**8,270.5620**	**2.0816**		**8,322.6024**

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	lb/day										lb/day					
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
Vendor	1.1025	32.6355	8.8727	0.1056	2.5346	0.1035	2.6381	0.6947	0.0991	0.7937		11,471.8517	11,471.8517	0.7735		11,491.1903
Worker	0.2687	0.1767	2.0351	6.2300e-003	0.6707	5.2500e-003	0.6759	0.1779	4.8400e-003	0.1827		620.7417	620.7417	0.0171		621.1690
Total	**1.3712**	**32.8122**	**10.9078**	**0.1118**	**3.2052**	**0.1088**	**3.3140**	**0.8726**	**0.1039**	**0.9764**		**12,092.5934**	**12,092.5934**	**0.7906**		**12,112.3593**

3.6 Block 0 Demolition - 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	lb/day										lb/day					
Fugitive Dust					0.9727	0.0000	0.9727	0.1473	0.0000	0.1473			0.0000			0.0000
Off-Road	2.8392	26.7028	24.7745	0.0416		1.4328	1.4328		1.3446	1.3446		3,996.2321	3,996.2321	0.9440		4,019.8308
Total	**2.8392**	**26.7028**	**24.7745**	**0.0416**	**0.9727**	**1.4328**	**2.4054**	**0.1473**	**1.3446**	**1.4919**		**3,996.2321**	**3,996.2321**	**0.9440**		**4,019.8308**

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	lb/day										lb/day					
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
Vendor	0.3528	10.4434	2.8393	0.0338	0.8111	0.0331	0.8442	0.2223	0.0317	0.2540		3,670.9925	3,670.9925	0.2475		3,677.1809
Worker	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.5767**	**10.5906**	**4.5352**	**0.0390**	**1.3699**	**0.0375**	**1.4074**	**0.3705**	**0.0357**	**0.4063**		**4,188.2773**	**4,188.2773**	**0.2618**		**4,194.8217**

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	lb/day										lb/day					
Fugitive Dust					0.3794	0.0000	0.3794	0.0574	0.0000	0.0574			0.0000			0.0000
Off-Road	0.4793	2.0770	26.9433	0.0416		0.0639	0.0639		0.0639	0.0639	0.0000	3,996.2320	3,996.2320	0.9440		4,019.8308
Total	**0.4793**	**2.0770**	**26.9433**	**0.0416**	**0.3794**	**0.0639**	**0.4433**	**0.0574**	**0.0639**	**0.1214**	**0.0000**	**3,996.2320**	**3,996.2320**	**0.9440**		**4,019.8308**

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	lb/day										lb/day					
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
Vendor	0.3528	10.4434	2.8393	0.0338	0.8111	0.0331	0.8442	0.2223	0.0317	0.2540		3,670.9925	3,670.9925	0.2475		3,677.1809
Worker	0.2239	0.1473	1.6959	5.1900e-003	0.5589	4.3700e-003	0.5633	0.1482	4.0300e-003	0.1523		517.2847	517.2847	0.0142		517.6408
Total	**0.5767**	**10.5906**	**4.5352**	**0.0390**	**1.3699**	**0.0375**	**1.4074**	**0.3705**	**0.0357**	**0.4063**		**4,188.2773**	**4,188.2773**	**0.2618**		**4,194.8217**

3.7 West Lot Foundation - 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	lb/day										lb/day					
Off-Road	3.2299	29.3437	29.4841	0.0551		1.3519	1.3519		1.2999	1.2999		5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**3.2299**	**29.3437**	**29.4841**	**0.0551**		**1.3519**	**1.3519**		**1.2999**	**1.2999**		**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	1.5627	57.5411	13.0475	0.1283	2.4187	0.1109	2.5295	0.6635	0.1061	0.7696		13,928.9963	13,928.9963	1.2434		13,960.0807
Worker	0.7613	0.5007	5.7660	0.0177	1.9002	0.0149	1.9151	0.5039	0.0137	0.5176		1,758.7681	1,758.7681	0.0484		1,759.9788
Total	**2.3241**	**58.0418**	**18.8135**	**0.1460**	**4.3189**	**0.1257**	**4.4446**	**1.1674**	**0.1198**	**1.2872**		**15,687.7643**	**15,687.7643**	**1.2918**		**15,720.0595**

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	lb/day										lb/day					
Off-Road	1.1234	9.4676	33.0235	0.0551		0.1815	0.1815		0.1815	0.1815	0.0000	5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**1.1234**	**9.4676**	**33.0235**	**0.0551**		**0.1815**	**0.1815**		**0.1815**	**0.1815**	**0.0000**	**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	1.5627	57.5411	13.0475	0.1283	2.4187	0.1109	2.5295	0.6635	0.1061	0.7696		13,928.9963	13,928.9963	1.2434		13,960.0807
Worker	0.7613	0.5007	5.7660	0.0177	1.9002	0.0149	1.9151	0.5039	0.0137	0.5176		1,758.7681	1,758.7681	0.0484		1,759.9788
Total	**2.3241**	**58.0418**	**18.8135**	**0.1460**	**4.3189**	**0.1257**	**4.4446**	**1.1674**	**0.1198**	**1.2872**		**15,687.7643**	**15,687.7643**	**1.2918**		**15,720.0595**

3.8 Block 0 Grading - 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	lb/day										lb/day					
Fugitive Dust					2.1303	0.0000	2.1303	0.2304	0.0000	0.2304			0.0000			0.0000
Off-Road	5.3010	51.4406	44.8769	0.1020		2.2794	2.2794		2.1513	2.1513		9,717.8105	9,717.8105	2.4624		9,779.3715
Total	**5.3010**	**51.4406**	**44.8769**	**0.1020**	**2.1303**	**2.2794**	**4.4098**	**0.2304**	**2.1513**	**2.3817**		**9,717.8105**	**9,717.8105**	**2.4624**		**9,779.3715**

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	lb/day										lb/day					
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
Vendor	1.1025	32.6355	8.8727	0.1056	2.5346	0.1035	2.6381	0.6947	0.0991	0.7937		11,471.8517	11,471.8517	0.7735		11,491.1903
Worker	0.3135	0.2062	2.3742	7.2700e-003	0.7824	6.1200e-003	0.7886	0.2075	5.6400e-003	0.2132		724.1986	724.1986	0.0199		724.6971
Total	**1.4160**	**32.8416**	**11.2470**	**0.1129**	**3.3170**	**0.1097**	**3.4266**	**0.9022**	**0.1047**	**1.0069**		**12,196.0503**	**12,196.0503**	**0.7935**		**12,215.8874**

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	lb/day										lb/day					
Fugitive Dust					0.8308	0.0000	0.8308	0.0899	0.0000	0.0899			0.0000			0.0000
Off-Road	1.5886	7.4828	56.1540	0.1020		0.2579	0.2579		0.2579	0.2579	0.0000	9,717.8105	9,717.8105	2.4624		9,779.3715
Total	**1.5886**	**7.4828**	**56.1540**	**0.1020**	**0.8308**	**0.2579**	**1.0888**	**0.0899**	**0.2579**	**0.3478**	**0.0000**	**9,717.8105**	**9,717.8105**	**2.4624**		**9,779.3715**

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	lb/day										lb/day					
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
Vendor	1.1025	32.6355	8.8727	0.1056	2.5346	0.1035	2.6381	0.6947	0.0991	0.7937		11,471.8517	11,471.8517	0.7735		11,491.1903
Worker	0.3135	0.2062	2.3742	7.2700e-003	0.7824	6.1200e-003	0.7886	0.2075	5.6400e-003	0.2132		724.1986	724.1986	0.0199		724.6971
Total	**1.4160**	**32.8416**	**11.2470**	**0.1129**	**3.3170**	**0.1097**	**3.4266**	**0.9022**	**0.1047**	**1.0069**		**12,196.0503**	**12,196.0503**	**0.7935**		**12,215.8874**

3.9 West Lot 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	lb/day										lb/day					
Off-Road	3.2299	29.3437	29.4841	0.0551		1.3519	1.3519		1.2999	1.2999		5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**3.2299**	**29.3437**	**29.4841**	**0.0551**		**1.3519**	**1.3519**		**1.2999**	**1.2999**		**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	0.2996	9.2079	2.6577	0.0248	0.6402	0.0179	0.6582	0.1843	0.0171	0.2015		2,649.7028	2,649.7028	0.1665		2,653.8660
Worker	0.7613	0.5007	5.7660	0.0177	1.9002	0.0149	1.9151	0.5039	0.0137	0.5176		1,758.7681	1,758.7681	0.0484		1,759.9788
Total	**1.0609**	**9.7086**	**8.4237**	**0.0424**	**2.5404**	**0.0328**	**2.5732**	**0.6883**	**0.0308**	**0.7191**		**4,408.4709**	**4,408.4709**	**0.2150**		**4,413.8447**

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	lb/day										lb/day					
Off-Road	1.1234	9.4676	33.0235	0.0551		0.1815	0.1815		0.1815	0.1815	0.0000	5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**1.1234**	**9.4676**	**33.0235**	**0.0551**		**0.1815**	**0.1815**		**0.1815**	**0.1815**	**0.0000**	**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	0.2996	9.2079	2.6577	0.0248	0.6402	0.0179	0.6582	0.1843	0.0171	0.2015		2,649.7028	2,649.7028	0.1665		2,653.8660
Worker	0.7613	0.5007	5.7660	0.0177	1.9002	0.0149	1.9151	0.5039	0.0137	0.5176		1,758.7681	1,758.7681	0.0484		1,759.9788
Total	**1.0609**	**9.7086**	**8.4237**	**0.0424**	**2.5404**	**0.0328**	**2.5732**	**0.6883**	**0.0308**	**0.7191**		**4,408.4709**	**4,408.4709**	**0.2150**		**4,413.8447**

3.10 Block 7 Demolition - 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	lb/day										lb/day					
Fugitive Dust					2.0380	0.0000	2.0380	0.3086	0.0000	0.3086			0.0000			0.0000
Off-Road	2.7685	26.6573	27.6187	0.0486		1.3260	1.3260		1.2464	1.2464		4,672.0061	4,672.0061	1.1625		4,701.0688
Total	**2.7685**	**26.6573**	**27.6187**	**0.0486**	**2.0380**	**1.3260**	**3.3640**	**0.3086**	**1.2464**	**1.5550**		**4,672.0061**	**4,672.0061**	**1.1625**		**4,701.0688**

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	lb/day										lb/day					
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
Vendor	0.3528	10.4434	2.8393	0.0338	0.8111	0.0331	0.8442	0.2223	0.0317	0.2540		3,670.9925	3,670.9925	0.2475		3,677.1809
Worker	0.1344	0.0884	1.0175	3.1100e-003	0.3353	2.6200e-003	0.3380	0.0889	2.4200e-003	0.0914		310.3708	310.3708	8.5500e-003		310.5845
Total	**0.4872**	**10.5317**	**3.8568**	**0.0369**	**1.1464**	**0.0358**	**1.1821**	**0.3112**	**0.0341**	**0.3454**		**3,981.3634**	**3,981.3634**	**0.2561**		**3,987.7654**

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	lb/day										lb/day					
Fugitive Dust					0.7948	0.0000	0.7948	0.1203	0.0000	0.1203			0.0000			0.0000
Off-Road	0.5655	2.4506	30.2132	0.0486		0.0754	0.0754		0.0754	0.0754	0.0000	4,672.0061	4,672.0061	1.1625		4,701.0688
Total	**0.5655**	**2.4506**	**30.2132**	**0.0486**	**0.7948**	**0.0754**	**0.8702**	**0.1203**	**0.0754**	**0.1957**	**0.0000**	**4,672.0061**	**4,672.0061**	**1.1625**		**4,701.0688**

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	lb/day										lb/day					
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
Vendor	0.3528	10.4434	2.8393	0.0338	0.8111	0.0331	0.8442	0.2223	0.0317	0.2540		3,670.9925	3,670.9925	0.2475		3,677.1809
Worker	0.1344	0.0884	1.0175	3.1100e-003	0.3353	2.6200e-003	0.3380	0.0889	2.4200e-003	0.0914		310.3708	310.3708	8.5500e-003		310.5845
Total	**0.4872**	**10.5317**	**3.8568**	**0.0369**	**1.1464**	**0.0358**	**1.1821**	**0.3112**	**0.0341**	**0.3454**		**3,981.3634**	**3,981.3634**	**0.2561**		**3,987.7654**

3.11 Block 8 Demolition - 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	lb/day										lb/day					
Fugitive Dust					1.2159	0.0000	1.2159	0.1841	0.0000	0.1841			0.0000			0.0000
Off-Road	2.8259	27.0167	27.9197	0.0492		1.3400	1.3400		1.2604	1.2604		4,721.3198	4,721.3198	1.1676		4,750.5105
Total	**2.8259**	**27.0167**	**27.9197**	**0.0492**	**1.2159**	**1.3400**	**2.5558**	**0.1841**	**1.2604**	**1.4445**		**4,721.3198**	**4,721.3198**	**1.1676**		**4,750.5105**

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	lb/day										lb/day					
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
Vendor	0.1103	3.2636	0.8873	0.0106	0.2535	0.0104	0.2638	0.0695	9.9000e-003	0.0794		1,147.1852	1,147.1852	0.0774		1,149.1190
Worker	0.1791	0.1178	1.3567	4.1500e-003	0.4471	3.5000e-003	0.4506	0.1186	3.2200e-003	0.1218		413.8278	413.8278	0.0114		414.1127
Total	**0.2894**	**3.3814**	**2.2440**	**0.0147**	**0.7006**	**0.0139**	**0.7144**	**0.1880**	**0.0131**	**0.2012**		**1,561.0130**	**1,561.0130**	**0.0887**		**1,563.2317**

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	lb/day										lb/day					
Fugitive Dust					0.4742	0.0000	0.4742	0.0718	0.0000	0.0718			0.0000			0.0000
Off-Road	0.6229	2.8100	30.5142	0.0492		0.0894	0.0894		0.0894	0.0894	0.0000	4,721.3198	4,721.3198	1.1676		4,750.5105
Total	**0.6229**	**2.8100**	**30.5142**	**0.0492**	**0.4742**	**0.0894**	**0.5636**	**0.0718**	**0.0894**	**0.1612**	**0.0000**	**4,721.3198**	**4,721.3198**	**1.1676**		**4,750.5105**

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	lb/day										lb/day					
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
Vendor	0.1103	3.2636	0.8873	0.0106	0.2535	0.0104	0.2638	0.0695	9.9000e-003	0.0794		1,147.1852	1,147.1852	0.0774		1,149.1190
Worker	0.1791	0.1178	1.3567	4.1500e-003	0.4471	3.5000e-003	0.4506	0.1186	3.2200e-003	0.1218		413.8278	413.8278	0.0114		414.1127
Total	**0.2894**	**3.3814**	**2.2440**	**0.0147**	**0.7006**	**0.0139**	**0.7144**	**0.1880**	**0.0131**	**0.2012**		**1,561.0130**	**1,561.0130**	**0.0887**		**1,563.2317**

3.12 Block 7 Grading - 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	lb/day										lb/day					
Fugitive Dust					0.0192	0.0000	0.0192	2.9100e-003	0.0000	2.9100e-003			0.0000			0.0000
Off-Road	4.5674	40.2021	45.2179	0.0925		1.9151	1.9151		1.8205	1.8205		8,774.3721	8,774.3721	2.1226		8,827.4373
Total	**4.5674**	**40.2021**	**45.2179**	**0.0925**	**0.0192**	**1.9151**	**1.9343**	**2.9100e-003**	**1.8205**	**1.8234**		**8,774.3721**	**8,774.3721**	**2.1226**		**8,827.4373**

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	lb/day										lb/day					
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
Vendor	1.9846	58.7438	15.9709	0.1901	4.5622	0.1864	4.7485	1.2504	0.1783	1.4287		20,649.3331	20,649.3331	1.3924		20,684.1425
Worker	0.3135	0.2062	2.3742	7.2700e-003	0.7824	6.1200e-003	0.7886	0.2075	5.6400e-003	0.2132		724.1986	724.1986	0.0199		724.6971
Total	**2.2981**	**58.9500**	**18.3451**	**0.1973**	**5.3446**	**0.1925**	**5.5371**	**1.4580**	**0.1839**	**1.6419**		**21,373.5317**	**21,373.5317**	**1.4123**		**21,408.8397**

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	lb/day										lb/day					
Fugitive Dust					7.4900e-003	0.0000	7.4900e-003	1.1300e-003	0.0000	1.1300e-003			0.0000			0.0000
Off-Road	1.7502	9.3887	55.9674	0.0925		0.3031	0.3031		0.3031	0.3031	0.0000	8,774.3721	8,774.3721	2.1226		8,827.4373
Total	**1.7502**	**9.3887**	**55.9674**	**0.0925**	**7.4900e-003**	**0.3031**	**0.3106**	**1.1300e-003**	**0.3031**	**0.3042**	**0.0000**	**8,774.3721**	**8,774.3721**	**2.1226**		**8,827.4373**

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	lb/day										lb/day					
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
Vendor	1.9846	58.7438	15.9709	0.1901	4.5622	0.1864	4.7485	1.2504	0.1783	1.4287		20,649.3331	20,649.3331	1.3924		20,684.1425
Worker	0.3135	0.2062	2.3742	7.2700e-003	0.7824	6.1200e-003	0.7886	0.2075	5.6400e-003	0.2132		724.1986	724.1986	0.0199		724.6971
Total	**2.2981**	**58.9500**	**18.3451**	**0.1973**	**5.3446**	**0.1925**	**5.5371**	**1.4580**	**0.1839**	**1.6419**		**21,373.5317**	**21,373.5317**	**1.4123**		**21,408.8397**

3.12 Block 7 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0192	0.0000	0.0192	2.9100e-003	0.0000	2.9100e-003			0.0000			0.0000
Off-Road	4.2863	37.0329	45.0864	0.0926		1.7009	1.7009		1.6159	1.6159		8,778.5886	8,778.5886	2.1090		8,831.3136
Total	**4.2863**	**37.0329**	**45.0864**	**0.0926**	**0.0192**	**1.7009**	**1.7201**	**2.9100e-003**	**1.6159**	**1.6188**		**8,778.5886**	**8,778.5886**	**2.1090**		**8,831.3136**

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	lb/day										lb/day					
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
Vendor	1.2967	37.2477	14.4454	0.1818	4.5624	0.0776	4.6400	1.2505	0.0742	1.3248		19,795.3013	19,795.3013	1.3069		19,827.9744
Worker	0.2953	0.1865	2.1824	7.0000e-003	0.7824	5.9500e-003	0.7884	0.2075	5.4800e-003	0.2130		697.7044	697.7044	0.0180		698.1533
Total	**1.5920**	**37.4342**	**16.6278**	**0.1888**	**5.3449**	**0.0835**	**5.4284**	**1.4580**	**0.0797**	**1.5377**		**20,493.0057**	**20,493.0057**	**1.3249**		**20,526.1277**

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	lb/day										lb/day					
Fugitive Dust					7.4900e-003	0.0000	7.4900e-003	1.1300e-003	0.0000	1.1300e-003			0.0000			0.0000
Off-Road	1.7057	9.3040	55.9315	0.0926		0.2856	0.2856		0.2856	0.2856	0.0000	8,778.5886	8,778.5886	2.1090		8,831.3136
Total	**1.7057**	**9.3040**	**55.9315**	**0.0926**	**7.4900e-003**	**0.2856**	**0.2930**	**1.1300e-003**	**0.2856**	**0.2867**	**0.0000**	**8,778.5886**	**8,778.5886**	**2.1090**		**8,831.3136**

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	lb/day										lb/day					
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
Vendor	1.2967	37.2477	14.4454	0.1818	4.5624	0.0776	4.6400	1.2505	0.0742	1.3248		19,795.3013	19,795.3013	1.3069		19,827.9744
Worker	0.2953	0.1865	2.1824	7.0000e-003	0.7824	5.9500e-003	0.7884	0.2075	5.4800e-003	0.2130		697.7044	697.7044	0.0180		698.1533
Total	**1.5920**	**37.4342**	**16.6278**	**0.1888**	**5.3449**	**0.0835**	**5.4284**	**1.4580**	**0.0797**	**1.5377**		**20,493.0057**	**20,493.0057**	**1.3249**		**20,526.1277**

3.13 West Lot Finishing - 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	lb/day										lb/day					
Off-Road	2.0990	20.4402	24.2632	0.0422		1.0392	1.0392		0.9764	0.9764		4,035.2430	4,035.2430	1.0373		4,061.1754
Total	**2.0990**	**20.4402**	**24.2632**	**0.0422**		**1.0392**	**1.0392**		**0.9764**	**0.9764**		**4,035.2430**	**4,035.2430**	**1.0373**		**4,061.1754**

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	lb/day										lb/day					
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
Vendor	0.0300	0.9208	0.2658	2.4800e-003	0.0640	1.7900e-003	0.0658	0.0184	1.7100e-003	0.0202		264.9703	264.9703	0.0167		265.3866
Worker	0.4926	0.3240	3.7309	0.0114	1.2295	9.6200e-003	1.2392	0.3261	8.8600e-003	0.3349		1,138.0264	1,138.0264	0.0313		1,138.8098
Total	**0.5226**	**1.2448**	**3.9967**	**0.0139**	**1.2936**	**0.0114**	**1.3050**	**0.3445**	**0.0106**	**0.3551**		**1,402.9967**	**1,402.9967**	**0.0480**		**1,404.1964**

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	lb/day										lb/day					
Off-Road	0.6224	5.8668	27.9620	0.0422		0.0783	0.0783		0.0783	0.0783	0.0000	4,035.2430	4,035.2430	1.0373		4,061.1754
Total	**0.6224**	**5.8668**	**27.9620**	**0.0422**		**0.0783**	**0.0783**		**0.0783**	**0.0783**	**0.0000**	**4,035.2430**	**4,035.2430**	**1.0373**		**4,061.1754**

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	lb/day										lb/day					
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
Vendor	0.0300	0.9208	0.2658	2.4800e-003	0.0640	1.7900e-003	0.0658	0.0184	1.7100e-003	0.0202		264.9703	264.9703	0.0167		265.3866
Worker	0.4926	0.3240	3.7309	0.0114	1.2295	9.6200e-003	1.2392	0.3261	8.8600e-003	0.3349		1,138.0264	1,138.0264	0.0313		1,138.8098
Total	**0.5226**	**1.2448**	**3.9967**	**0.0139**	**1.2936**	**0.0114**	**1.3050**	**0.3445**	**0.0106**	**0.3551**		**1,402.9967**	**1,402.9967**	**0.0480**		**1,404.1964**

3.14 Block 0 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	lb/day										lb/day					
Off-Road	2.8954	26.6147	23.7659	0.0514		1.2187	1.2187		1.1565	1.1565		4,858.1100	4,858.1100	1.1531		4,886.9380
Total	**2.8954**	**26.6147**	**23.7659**	**0.0514**		**1.2187**	**1.2187**		**1.1565**	**1.1565**		**4,858.1100**	**4,858.1100**	**1.1531**		**4,886.9380**

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	lb/day										lb/day					
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
Vendor	0.2996	9.2079	2.6577	0.0248	0.6402	0.0179	0.6582	0.1843	0.0171	0.2015		2,649.7028	2,649.7028	0.1665		2,653.8660
Worker	0.4478	0.2945	3.3918	0.0104	1.1178	8.7500e-003	1.1265	0.2964	8.0600e-003	0.3045		1,034.5695	1,034.5695	0.0285		1,035.2816
Total	**0.7474**	**9.5025**	**6.0495**	**0.0352**	**1.7580**	**0.0267**	**1.7847**	**0.4808**	**0.0252**	**0.5060**		**3,684.2723**	**3,684.2723**	**0.1950**		**3,689.1476**

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	lb/day										lb/day					
Off-Road	0.9601	5.4131	28.6552	0.0514		0.1651	0.1651		0.1651	0.1651	0.0000	4,858.1100	4,858.1100	1.1531		4,886.9380
Total	**0.9601**	**5.4131**	**28.6552**	**0.0514**		**0.1651**	**0.1651**		**0.1651**	**0.1651**	**0.0000**	**4,858.1100**	**4,858.1100**	**1.1531**		**4,886.9380**

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	lb/day										lb/day					
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
Vendor	0.2996	9.2079	2.6577	0.0248	0.6402	0.0179	0.6582	0.1843	0.0171	0.2015		2,649.7028	2,649.7028	0.1665		2,653.8660
Worker	0.4478	0.2945	3.3918	0.0104	1.1178	8.7500e-003	1.1265	0.2964	8.0600e-003	0.3045		1,034.5695	1,034.5695	0.0285		1,035.2816
Total	**0.7474**	**9.5025**	**6.0495**	**0.0352**	**1.7580**	**0.0267**	**1.7847**	**0.4808**	**0.0252**	**0.5060**		**3,684.2723**	**3,684.2723**	**0.1950**		**3,689.1476**

3.14 Block 0 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7173	24.5076	23.5549	0.0514		1.0848	1.0848		1.0289	1.0289		4,860.2278	4,860.2278	1.1448		4,888.8473
Total	**2.7173**	**24.5076**	**23.5549**	**0.0514**		**1.0848**	**1.0848**		**1.0289**	**1.0289**		**4,860.2278**	**4,860.2278**	**1.1448**		**4,888.8473**

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	lb/day										lb/day					
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
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925		2,567.4131	2,567.4131	0.1466		2,571.0781
Worker	0.4219	0.2664	3.1177	0.0100	1.1178	8.5000e-003	1.1263	0.2964	7.8300e-003	0.3043		996.7206	996.7206	0.0257		997.3618
Total	**0.6445**	**7.2403**	**5.4793**	**0.0340**	**1.7580**	**0.0170**	**1.7750**	**0.4808**	**0.0160**	**0.4967**		**3,564.1337**	**3,564.1337**	**0.1723**		**3,568.4399**

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	lb/day										lb/day					
Off-Road	0.9378	5.3708	28.6372	0.0514		0.1563	0.1563		0.1563	0.1563	0.0000	4,860.2278	4,860.2278	1.1448		4,888.8473
Total	**0.9378**	**5.3708**	**28.6372**	**0.0514**		**0.1563**	**0.1563**		**0.1563**	**0.1563**	**0.0000**	**4,860.2278**	**4,860.2278**	**1.1448**		**4,888.8473**

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	lb/day										lb/day					
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
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925		2,567.4131	2,567.4131	0.1466		2,571.0781
Worker	0.4219	0.2664	3.1177	0.0100	1.1178	8.5000e-003	1.1263	0.2964	7.8300e-003	0.3043		996.7206	996.7206	0.0257		997.3618
Total	**0.6445**	**7.2403**	**5.4793**	**0.0340**	**1.7580**	**0.0170**	**1.7750**	**0.4808**	**0.0160**	**0.4967**		**3,564.1337**	**3,564.1337**	**0.1723**		**3,568.4399**

3.15 Block 8 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1309	0.0000	0.1309	0.0198	0.0000	0.0198			0.0000			0.0000
Off-Road	5.2601	43.3549	53.2743	0.1120		1.9722	1.9722		1.8794	1.8794		10,571.5824	10,571.5824	2.5187		10,634.5502
Total	**5.2601**	**43.3549**	**53.2743**	**0.1120**	**0.1309**	**1.9722**	**2.1031**	**0.0198**	**1.8794**	**1.8992**		**10,571.5824**	**10,571.5824**	**2.5187**		**10,634.5502**

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	lb/day										lb/day					
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
Vendor	1.7289	49.6636	19.2605	0.2423	6.0832	0.1035	6.1867	1.6674	0.0990	1.7663		26,393.7351	26,393.7351	1.7426		26,437.2992
Worker	0.3375	0.2131	2.4941	8.0000e-003	0.8942	6.8000e-003	0.9010	0.2372	6.2600e-003	0.2434		797.3765	797.3765	0.0205		797.8895
Total	**2.0664**	**49.8767**	**21.7547**	**0.2503**	**6.9774**	**0.1103**	**7.0877**	**1.9045**	**0.1052**	**2.0097**		**27,191.1116**	**27,191.1116**	**1.7631**		**27,235.1887**

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	lb/day										lb/day					
Fugitive Dust					0.0511	0.0000	0.0511	7.7300e-003	0.0000	7.7300e-003			0.0000			0.0000
Off-Road	2.3840	12.8792	66.8120	0.1120		0.4184	0.4184		0.4184	0.4184	0.0000	10,571.5824	10,571.5824	2.5187		10,634.5502
Total	**2.3840**	**12.8792**	**66.8120**	**0.1120**	**0.0511**	**0.4184**	**0.4695**	**7.7300e-003**	**0.4184**	**0.4261**	**0.0000**	**10,571.5824**	**10,571.5824**	**2.5187**		**10,634.5502**

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	lb/day										lb/day					
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
Vendor	1.7289	49.6636	19.2605	0.2423	6.0832	0.1035	6.1867	1.6674	0.0990	1.7663		26,393.7351	26,393.7351	1.7426		26,437.2992
Worker	0.3375	0.2131	2.4941	8.0000e-003	0.8942	6.8000e-003	0.9010	0.2372	6.2600e-003	0.2434		797.3765	797.3765	0.0205		797.8895
Total	**2.0664**	**49.8767**	**21.7547**	**0.2503**	**6.9774**	**0.1103**	**7.0877**	**1.9045**	**0.1052**	**2.0097**		**27,191.1116**	**27,191.1116**	**1.7631**		**27,235.1887**

3.16 Block 0&7 Finishing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.6201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**54.6201**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Archit. Coating	54.6201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**54.6201**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.17 Block 7 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2738	26.6294	31.9136	0.0553		1.2079	1.2079		1.1732	1.1732		5,142.4883	5,142.4883	0.8005		5,162.4997
Total	**3.2738**	**26.6294**	**31.9136**	**0.0553**		**1.2079**	**1.2079**		**1.1732**	**1.1732**		**5,142.4883**	**5,142.4883**	**0.8005**		**5,162.4997**

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	lb/day										lb/day					
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
Vendor	0.8902	27.8955	9.4464	0.0959	2.5610	0.0340	2.5950	0.7374	0.0325	0.7699		10,269.6524	10,269.6524	0.5864		10,284.3123
Worker	2.3205	1.4652	17.1472	0.0550	6.1477	0.0468	6.1945	1.6304	0.0431	1.6735		5,481.9632	5,481.9632	0.1411		5,485.4901
Total	**3.2107**	**29.3607**	**26.5936**	**0.1509**	**8.7087**	**0.0808**	**8.7895**	**2.3678**	**0.0756**	**2.4434**		**15,751.6155**	**15,751.6155**	**0.7275**		**15,769.8024**

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	lb/day										lb/day					
Off-Road	1.4729	10.7963	34.6276	0.0553		0.2611	0.2611		0.2611	0.2611	0.0000	5,142.4883	5,142.4883	0.8005		5,162.4997
Total	**1.4729**	**10.7963**	**34.6276**	**0.0553**		**0.2611**	**0.2611**		**0.2611**	**0.2611**	**0.0000**	**5,142.4883**	**5,142.4883**	**0.8005**		**5,162.4997**

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	lb/day										lb/day					
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
Vendor	0.8902	27.8955	9.4464	0.0959	2.5610	0.0340	2.5950	0.7374	0.0325	0.7699		10,269.6524	10,269.6524	0.5864		10,284.3123
Worker	2.3205	1.4652	17.1472	0.0550	6.1477	0.0468	6.1945	1.6304	0.0431	1.6735		5,481.9632	5,481.9632	0.1411		5,485.4901
Total	**3.2107**	**29.3607**	**26.5936**	**0.1509**	**8.7087**	**0.0808**	**8.7895**	**2.3678**	**0.0756**	**2.4434**		**15,751.6155**	**15,751.6155**	**0.7275**		**15,769.8024**

3.18 Block 8 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.0465	57.4240	61.4843	0.1126		2.4298	2.4298		2.3436	2.3436		10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**7.0465**	**57.4240**	**61.4843**	**0.1126**		**2.4298**	**2.4298**		**2.3436**	**2.3436**		**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	2.0918	84.2438	22.9602	0.2450	4.8376	0.0994	4.9370	1.3271	0.0951	1.4222		26,668.6587	26,668.6587	2.1865		26,723.3204
Worker	1.2657	0.7992	9.3530	0.0300	3.3533	0.0255	3.3788	0.8893	0.0235	0.9128		2,990.1617	2,990.1617	0.0770		2,992.0855
Total	**3.3576**	**85.0429**	**32.3132**	**0.2750**	**8.1909**	**0.1249**	**8.3158**	**2.2164**	**0.1186**	**2.3350**		**29,658.8204**	**29,658.8204**	**2.2634**		**29,715.4059**

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	lb/day										lb/day					
Off-Road	3.8205	27.0178	68.2808	0.1126		0.7088	0.7088		0.7088	0.7088	0.0000	10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**3.8205**	**27.0178**	**68.2808**	**0.1126**		**0.7088**	**0.7088**		**0.7088**	**0.7088**	**0.0000**	**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	2.0918	84.2438	22.9602	0.2450	4.8376	0.0994	4.9370	1.3271	0.0951	1.4222		26,668.6587	26,668.6587	2.1865		26,723.3204
Worker	1.2657	0.7992	9.3530	0.0300	3.3533	0.0255	3.3788	0.8893	0.0235	0.9128		2,990.1617	2,990.1617	0.0770		2,992.0855
Total	**3.3576**	**85.0429**	**32.3132**	**0.2750**	**8.1909**	**0.1249**	**8.3158**	**2.2164**	**0.1186**	**2.3350**		**29,658.8204**	**29,658.8204**	**2.2634**		**29,715.4059**

3.19 Block 7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4252	28.1651	34.1450	0.0584		1.2837	1.2837		1.2429	1.2429		5,444.0648	5,444.0648	0.8980		5,466.5146
Total	**3.4252**	**28.1651**	**34.1450**	**0.0584**		**1.2837**	**1.2837**		**1.2429**	**1.2429**		**5,444.0648**	**5,444.0648**	**0.8980**		**5,466.5146**

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	lb/day										lb/day					
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
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925		2,567.4131	2,567.4131	0.1466		2,571.0781
Worker	2.3205	1.4652	17.1472	0.0550	6.1477	0.0468	6.1945	1.6304	0.0431	1.6735		5,481.9632	5,481.9632	0.1411		5,485.4901
Total	**2.5431**	**8.4391**	**19.5088**	**0.0790**	**6.7879**	**0.0553**	**6.8432**	**1.8147**	**0.0512**	**1.8659**		**8,049.3762**	**8,049.3762**	**0.2877**		**8,056.5682**

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	lb/day										lb/day					
Off-Road	1.5109	10.9609	36.9697	0.0584		0.2662	0.2662		0.2662	0.2662	0.0000	5,444.0648	5,444.0648	0.8980		5,466.5146
Total	**1.5109**	**10.9609**	**36.9697**	**0.0584**		**0.2662**	**0.2662**		**0.2662**	**0.2662**	**0.0000**	**5,444.0648**	**5,444.0648**	**0.8980**		**5,466.5146**

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	lb/day										lb/day					
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
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925		2,567.4131	2,567.4131	0.1466		2,571.0781
Worker	2.3205	1.4652	17.1472	0.0550	6.1477	0.0468	6.1945	1.6304	0.0431	1.6735		5,481.9632	5,481.9632	0.1411		5,485.4901
Total	**2.5431**	**8.4391**	**19.5088**	**0.0790**	**6.7879**	**0.0553**	**6.8432**	**1.8147**	**0.0512**	**1.8659**		**8,049.3762**	**8,049.3762**	**0.2877**		**8,056.5682**

3.20 Block 5/6 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3224	0.0000	6.3224	0.9573	0.0000	0.9573			0.0000			0.0000
Off-Road	2.6071	24.6071	27.3344	0.0486		1.1949	1.1949		1.1223	1.1223		4,672.1617	4,672.1617	1.1568		4,701.0823
Total	**2.6071**	**24.6071**	**27.3344**	**0.0486**	**6.3224**	**1.1949**	**7.5174**	**0.9573**	**1.1223**	**2.0796**		**4,672.1617**	**4,672.1617**	**1.1568**		**4,701.0823**

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	lb/day										lb/day					
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
Vendor	0.3314	9.5189	3.6916	0.0465	1.1660	0.0198	1.1858	0.3196	0.0190	0.3386		5,058.7992	5,058.7992	0.3340		5,067.1490
Worker	0.1688	0.1066	1.2471	4.0000e-003	0.4471	3.4000e-003	0.4505	0.1186	3.1300e-003	0.1217		398.6882	398.6882	0.0103		398.9447
Total	**0.5001**	**9.6254**	**4.9387**	**0.0505**	**1.6131**	**0.0232**	**1.6363**	**0.4382**	**0.0221**	**0.4603**		**5,457.4875**	**5,457.4875**	**0.3443**		**5,466.0938**

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	lb/day										lb/day					
Fugitive Dust					2.4658	0.0000	2.4658	0.3733	0.0000	0.3733			0.0000			0.0000
Off-Road	0.5655	2.4506	30.2132	0.0486		0.0754	0.0754		0.0754	0.0754	0.0000	4,672.1617	4,672.1617	1.1568		4,701.0823
Total	**0.5655**	**2.4506**	**30.2132**	**0.0486**	**2.4658**	**0.0754**	**2.5412**	**0.3733**	**0.0754**	**0.4487**	**0.0000**	**4,672.1617**	**4,672.1617**	**1.1568**		**4,701.0823**

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	lb/day										lb/day					
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
Vendor	0.3314	9.5189	3.6916	0.0465	1.1660	0.0198	1.1858	0.3196	0.0190	0.3386		5,058.7992	5,058.7992	0.3340		5,067.1490
Worker	0.1688	0.1066	1.2471	4.0000e-003	0.4471	3.4000e-003	0.4505	0.1186	3.1300e-003	0.1217		398.6882	398.6882	0.0103		398.9447
Total	**0.5001**	**9.6254**	**4.9387**	**0.0505**	**1.6131**	**0.0232**	**1.6363**	**0.4382**	**0.0221**	**0.4603**		**5,457.4875**	**5,457.4875**	**0.3443**		**5,466.0938**

3.21 Block 8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.0465	57.4240	61.4843	0.1126		2.4298	2.4298		2.3436	2.3436		10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**7.0465**	**57.4240**	**61.4843**	**0.1126**		**2.4298**	**2.4298**		**2.3436**	**2.3436**		**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925		2,567.4131	2,567.4131	0.1466		2,571.0781
Worker	1.2657	0.7992	9.3530	0.0300	3.3533	0.0255	3.3788	0.8893	0.0235	0.9128		2,990.1617	2,990.1617	0.0770		2,992.0855
Total	**1.4883**	**7.7731**	**11.7146**	**0.0540**	**3.9935**	**0.0340**	**4.0275**	**1.0737**	**0.0316**	**1.1053**		**5,557.5748**	**5,557.5748**	**0.2236**		**5,563.1636**

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	lb/day										lb/day					
Off-Road	3.8205	27.0178	68.2808	0.1126		0.7088	0.7088		0.7088	0.7088	0.0000	10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**3.8205**	**27.0178**	**68.2808**	**0.1126**		**0.7088**	**0.7088**		**0.7088**	**0.7088**	**0.0000**	**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925		2,567.4131	2,567.4131	0.1466		2,571.0781
Worker	1.2657	0.7992	9.3530	0.0300	3.3533	0.0255	3.3788	0.8893	0.0235	0.9128		2,990.1617	2,990.1617	0.0770		2,992.0855
Total	**1.4883**	**7.7731**	**11.7146**	**0.0540**	**3.9935**	**0.0340**	**4.0275**	**1.0737**	**0.0316**	**1.1053**		**5,557.5748**	**5,557.5748**	**0.2236**		**5,563.1636**

3.22 Block 5/6 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4836	0.0000	1.4836	0.2247	0.0000	0.2247			0.0000			0.0000
Off-Road	5.3265	45.3733	55.9165	0.1224		2.0280	2.0280		1.9264	1.9264		11,613.3114	11,613.3114	2.9001		11,685.8138
Total	**5.3265**	**45.3733**	**55.9165**	**0.1224**	**1.4836**	**2.0280**	**3.5116**	**0.2247**	**1.9264**	**2.1510**		**11,613.3114**	**11,613.3114**	**2.9001**		**11,685.8138**

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	lb/day										lb/day					
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
Vendor	0.7204	20.6932	8.0252	0.1010	2.5347	0.0431	2.5778	0.6947	0.0412	0.7360		10,997.3896	10,997.3896	0.7261		11,015.5413
Worker	0.4219	0.2664	3.1177	0.0100	1.1178	8.5000e-003	1.1263	0.2964	7.8300e-003	0.3043		996.7206	996.7206	0.0257		997.3618
Total	**1.1423**	**20.9596**	**11.1429**	**0.1110**	**3.6524**	**0.0516**	**3.7040**	**0.9912**	**0.0491**	**1.0402**		**11,994.1102**	**11,994.1102**	**0.7517**		**12,012.9032**

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	lb/day										lb/day					
Fugitive Dust					0.5786	0.0000	0.5786	0.0876	0.0000	0.0876			0.0000			0.0000
Off-Road	2.2888	12.1488	72.0319	0.1224		0.3845	0.3845		0.3845	0.3845	0.0000	11,613.3114	11,613.3114	2.9001		11,685.8138
Total	**2.2888**	**12.1488**	**72.0319**	**0.1224**	**0.5786**	**0.3845**	**0.9631**	**0.0876**	**0.3845**	**0.4721**	**0.0000**	**11,613.3114**	**11,613.3114**	**2.9001**		**11,685.8138**

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	lb/day										lb/day					
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
Vendor	0.7204	20.6932	8.0252	0.1010	2.5347	0.0431	2.5778	0.6947	0.0412	0.7360		10,997.3896	10,997.3896	0.7261		11,015.5413
Worker	0.4219	0.2664	3.1177	0.0100	1.1178	8.5000e-003	1.1263	0.2964	7.8300e-003	0.3043		996.7206	996.7206	0.0257		997.3618
Total	**1.1423**	**20.9596**	**11.1429**	**0.1110**	**3.6524**	**0.0516**	**3.7040**	**0.9912**	**0.0491**	**1.0402**		**11,994.1102**	**11,994.1102**	**0.7517**		**12,012.9032**

District NoHo (2024-2035)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	13.32	580,374.00	0
Enclosed Parking with Elevator	3,313.00	Space	29.82	1,325,200.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	40.18	1,195,111.00	4367
Strip Mall	105.13	1000sqft	2.41	105,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

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Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific

Demolition - specific

Grading -

Construction Off-road Equipment Mitigation - MM

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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2024	20.3601	185.5554	197.5096	0.6386	17.4499	5.6233	22.1345	4.6766	5.3559	9.5889						64,469.5776
2025	16.6496	177.7331	157.4170	0.5538	17.4501	3.8320	21.2821	4.6767	3.6390	8.3157						56,523.8663
2026	62.0546	82.8360	74.5379	0.3182	7.6411	2.1183	9.6389	1.7264	2.0046	3.6198						32,980.2804
2027	7.5101	79.6747	67.8026	0.2541	9.1258	1.6158	10.7416	2.4423	1.5376	3.9800						26,046.5131
2028	5.7753	71.4859	65.2616	0.2850	6.4423	1.6835	8.1259	1.5784	1.5875	3.1659						29,768.0841
2029	3.5888	59.5484	35.0530	0.1744	3.5372	0.9495	4.3852	0.9602	0.8971	1.7655						18,329.9877
2030	5.8012	65.6183	69.1527	0.3481	6.9550	0.6352	7.5902	1.8888	0.6308	2.5196						36,538.2275
2031	6.8417	98.0922	70.4852	0.3662	10.9870	0.6335	11.5335	2.9581	0.6292	3.4987						38,287.0371
2032	4.5669	21.4434	44.7228	0.1257	6.3142	0.5884	6.7616	1.6783	0.5866	2.1233						12,066.9274
2033	7.1453	99.8131	73.9348	0.3709	11.5461	0.6512	12.1393	3.1064	0.6471	3.6940						38,705.7318
2034	7.0559	99.3598	73.4256	0.3698	11.5462	0.6355	12.1361	3.1064	0.6337	3.6908						38,599.6347
2035	4.1787	18.9135	44.0142	0.1273	5.3466	0.3800	5.7266	1.4226	0.3783	1.8009						12,367.5694

Maximum	**62.0546**	**185.5554**	**197.5096**	**0.6386**	**17.4501**	**5.6233**	**22.1345**	**4.6767**	**5.3559**	**9.5889**						**64,469.5776**

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	lb/day										lb/day					
2024	12.1340	122.8514	225.7193	0.6386	17.4499	1.3201	18.3797	4.6766	1.3100	5.5948						64,469.5776
2025	10.8126	121.2637	173.2732	0.5538	17.4501	0.8661	18.3162	4.6767	0.8547	5.5314						56,523.8663
2026	58.7922	46.5761	90.0478	0.3182	6.3090	0.4123	6.6842	1.6152	0.4089	2.0241						32,980.2804
2027	4.9618	55.1667	73.8648	0.2541	9.1258	0.3754	9.5012	2.4423	0.3699	2.8122						26,046.5131
2028	2.9594	41.6382	76.2225	0.2850	5.7735	0.2844	6.0579	1.5052	0.2809	1.7861						29,768.0841
2029	2.1145	44.4473	39.7524	0.1744	3.5372	0.1714	3.7086	0.9602	0.1690	1.1293						18,329.9877
2030	3.3285	53.5984	78.8194	0.3481	6.9017	0.2821	7.1838	1.8807	0.2778	2.1585						36,538.2275
2031	4.8945	89.5158	78.8186	0.3662	10.9870	0.2808	11.2678	2.9581	0.2762	3.2330						38,287.0371
2032	2.7503	12.8942	50.5301	0.1257	6.3142	0.1855	6.4997	1.6783	0.1831	1.8615						12,066.9274
2033	4.9930	90.5097	81.3861	0.3709	11.5461	0.2940	11.8401	3.1064	0.2884	3.3948						38,705.7318
2034	4.9036	90.0564	80.8769	0.3698	11.5462	0.2907	11.8369	3.1064	0.2852	3.3916						38,599.6347
2035	2.2108	11.7468	51.9110	0.1273	5.3466	0.1466	5.4932	1.4226	0.1449	1.5675						12,367.5694
Maximum	**58.7922**	**122.8514**	**225.7193**	**0.6386**	**17.4501**	**1.3201**	**18.3797**	**4.6767**	**1.3100**	**5.5948**						**64,469.5776**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**24.20**	**26.40**	**-13.14**	**0.00**	**1.80**	**74.62**	**11.67**	**0.64**	**73.83**	**27.80**	**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	Block 5/6 Grading	Grading	1/1/2024	9/30/2024	5	196	
2	Block 7 Finishing	Building Construction	1/1/2024	9/30/2024	5	196	
3	Block 8 Building Construction	Building Construction	1/1/2024	6/30/2024	5	130	
4	Block 8 Finishing	Building Construction	7/1/2024	4/30/2025	5	218	
5	Block 5/6 Foundation	Trenching	10/1/2024	3/31/2025	5	130	
6	Block 5/6 Building Construction	Building Construction	4/1/2025	8/31/2025	5	109	
7	Block 5/6 Finishing	Building Construction	9/1/2025	6/30/2026	5	217	
8	Architectural Coatings	Architectural Coating	1/1/2026	12/31/2026	5	261	
9	Block 4 Demolition	Demolition	7/1/2026	7/31/2026	5	23	
10	Block 4 Grading	Grading	8/1/2026	12/31/2026	5	109	
11	Block 4 Foundation	Trenching	1/1/2027	3/31/2027	5	64	
12	Block 4 Building Construction	Building Construction	4/1/2027	9/30/2027	5	131	
13	Block 4 Finishing	Building Construction	10/1/2027	6/30/2028	5	196	
14	Block 3 Demolition	Demolition	7/1/2028	8/31/2028	5	44	
15	Block 3 Grading	Grading	9/1/2028	12/31/2028	5	86	

16	Block 3 Foundation	Trenching	1/1/2029	3/31/2029	5	65	
17	Block 3 Building Construction	Building Construction	4/1/2029	9/28/2029	5	130	
18	Block 3 Finishing	Building Construction	10/1/2029	6/30/2030	5	195	
19	Block 2 Demolition	Demolition	7/1/2030	8/30/2030	5	45	
20	Block 2 Grading	Grading	9/1/2030	2/28/2031	5	130	
21	Block 2 Foundation	Trenching	3/1/2031	7/31/2031	5	109	
22	Block 2 Building Construction	Building Construction	8/1/2031	2/27/2032	5	151	
23	Block 2 Finshing	Building Construction	3/1/2032	12/31/2032	5	220	
24	Block 1 Demolition	Demolition	1/1/2033	2/28/2033	5	41	
25	Block 1 Grading	Grading	3/1/2033	8/31/2033	5	132	
26	Block 1 Foundation	Trenching	9/1/2033	1/31/2034	5	109	
27	Block 1 Building Construction	Building Construction	2/1/2034	8/31/2034	5	152	
28	Block 1 Finishing	Building Construction	9/1/2034	6/29/2035	5	216	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 29.82

Residential Indoor: 2,420,100; Residential Outdoor: 806,700; Non-Residential Indoor: 1,028,249; Non-Residential Outdoor: 342,750;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Block 7 Finishing	Aerial Lifts	3	8.00	63	0.31
Block 7 Finishing	Air Compressors	0	8.00	78	0.48
Block 7 Finishing	Cement and Mortar Mixers	0	8.00	9	0.56
Block 7 Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 7 Finishing	Cranes	2	10.00	231	0.29
Block 7 Finishing	Forklifts	2	8.00	89	0.20
Block 7 Finishing	Generator Sets	1	8.00	84	0.74
Block 7 Finishing	Pavers	1	8.00	130	0.42
Block 7 Finishing	Paving Equipment	1	8.00	132	0.36
Block 7 Finishing	Plate Compactors	1	8.00	8	0.43
Block 7 Finishing	Pumps	1	8.00	84	0.74
Block 7 Finishing	Rollers	1	8.00	80	0.38
Block 7 Finishing	Signal Boards	1	8.00	6	0.82
Block 7 Finishing	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 7 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 7 Finishing	Trenchers	1	8.00	78	0.50
Block 7 Finishing	Welders	2	8.00	46	0.45
Block 8 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 8 Building Construction	Air Compressors	2	8.00	78	0.48
Block 8 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Building Construction	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Building Construction	Cranes	4	10.00	231	0.29
Block 8 Building Construction	Forklifts	3	8.00	89	0.20
Block 8 Building Construction	Generator Sets	1	8.00	84	0.74
Block 8 Building Construction	Pumps	1	8.00	84	0.74
Block 8 Building Construction	Signal Boards	1	8.00	6	0.82
Block 8 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37

Block 8 Building Construction	Welders	10	8.00	46	0.45
Block 5/6 Grading	Air Compressors	1	8.00	78	0.48
Block 5/6 Grading	Bore/Drill Rigs	4	8.00	221	0.50
Block 5/6 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Grading	Excavators	3	8.00	158	0.38
Block 5/6 Grading	Forklifts	1	8.00	89	0.20
Block 5/6 Grading	Generator Sets	1	8.00	84	0.74
Block 5/6 Grading	Graders	0	8.00	187	0.41
Block 5/6 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Grading	Pumps	1	8.00	84	0.74
Block 5/6 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 5/6 Grading	Scrapers	0	8.00	367	0.48
Block 5/6 Grading	Signal Boards	2	8.00	6	0.82
Block 5/6 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 5/6 Grading	Trenchers	1	8.00	78	0.50
Block 5/6 Grading	Welders	3	8.00	46	0.45
Block 8 Finishing	Aerial Lifts	5	8.00	63	0.31
Block 8 Finishing	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Block 8 Finishing	Cranes	3	10.00	231	0.29
Block 8 Finishing	Forklifts	2	8.00	89	0.20
Block 8 Finishing	Generator Sets	1	8.00	84	0.74
Block 8 Finishing	Pavers	1	8.00	130	0.42
Block 8 Finishing	Paving Equipment	1	8.00	132	0.36
Block 8 Finishing	Plate Compactors	1	8.00	8	0.43
Block 8 Finishing	Pumps	1	8.00	84	0.74
Block 8 Finishing	Rollers	1	8.00	80	0.38
Block 8 Finishing	Signal Boards	1	8.00	6	0.82
Block 8 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 8 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Finishing	Trenchers	1	8.00	78	0.50
Block 8 Finishing	Welders	3	8.00	46	0.45
Block 5/6 Foundation	Aerial Lifts	8	8.00	63	0.31
Block 5/6 Foundation	Air Compressors	3	8.00	78	0.48
Block 5/6 Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Block 5/6 Foundation	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Foundation	Cranes	5	10.00	231	0.29
Block 5/6 Foundation	Forklifts	5	8.00	89	0.20
Block 5/6 Foundation	Generator Sets	2	8.00	84	0.74
Block 5/6 Foundation	Pumps	1	8.00	84	0.74
Block 5/6 Foundation	Signal Boards	1	8.00	6	0.82
Block 5/6 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Foundation	Welders	6	8.00	46	0.45
Block 5/6 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 5/6 Building Construction	Air Compressors	3	8.00	78	0.48
Block 5/6 Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56

Block 5/6 Building Construction	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Building Construction	Cranes	5	10.00	231	0.29
Block 5/6 Building Construction	Forklifts	5	8.00	89	0.20
Block 5/6 Building Construction	Generator Sets	2	8.00	84	0.74
Block 5/6 Building Construction	Pumps	1	8.00	84	0.74
Block 5/6 Building Construction	Signal Boards	1	8.00	6	0.82
Block 5/6 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 5/6 Building Construction	Welders	6	8.00	46	0.45
Block 5/6 Finishing	Aerial Lifts	6	8.00	63	0.31
Block 5/6 Finishing	Air Compressors	1	8.00	78	0.48
Block 5/6 Finishing	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Finishing	Concrete/Industrial Saws	2	4.00	81	0.73
Block 5/6 Finishing	Cranes	4	10.00	231	0.29
Block 5/6 Finishing	Forklifts	4	8.00	89	0.20
Block 5/6 Finishing	Generator Sets	2	8.00	84	0.74
Block 5/6 Finishing	Pavers	1	8.00	130	0.42
Block 5/6 Finishing	Paving Equipment	1	8.00	132	0.36
Block 5/6 Finishing	Plate Compactors	1	8.00	8	0.43
Block 5/6 Finishing	Pumps	1	8.00	84	0.74
Block 5/6 Finishing	Rollers	1	8.00	80	0.38
Block 5/6 Finishing	Signal Boards	1	8.00	6	0.82
Block 5/6 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 5/6 Finishing	Trenchers	1	8.00	78	0.50
Block 5/6 Finishing	Welders	5	8.00	46	0.45
Architectural Coatings	Aerial Lifts	0	8.00	63	0.31
Architectural Coatings	Air Compressors	0	6.00	78	0.48
Architectural Coatings	Concrete/Industrial Saws	0	8.00	81	0.73
Architectural Coatings	Cranes	0	8.00	231	0.29
Architectural Coatings	Forklifts	0	8.00	89	0.20
Architectural Coatings	Other Construction Equipment	0	8.00	172	0.42
Architectural Coatings	Signal Boards	0	8.00	6	0.82
Architectural Coatings	Trenchers	0	8.00	78	0.50
Architectural Coatings	Welders	0	8.00	46	0.45
Block 4 Demolition	Air Compressors	1	8.00	78	0.48
Block 4 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 4 Demolition	Cranes	1	10.00	231	0.29
Block 4 Demolition	Excavators	1	8.00	158	0.38
Block 4 Demolition	Forklifts	1	8.00	89	0.20
Block 4 Demolition	Generator Sets	1	8.00	84	0.74
Block 4 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 4 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 4 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Demolition	Scrapers	1	8.00	367	0.48
Block 4 Demolition	Signal Boards	1	8.00	6	0.82
Block 4 Demolition	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Grading	Air Compressors	1	8.00	78	0.48
Block 4 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 4 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Grading	Concrete/Industrial Saws	2	4.00	81	0.73

Block 4 Grading	Excavators	2	8.00	158	0.38
Block 4 Grading	Forklifts	1	8.00	89	0.20
Block 4 Grading	Generator Sets	1	8.00	84	0.74
Block 4 Grading	Graders	0	8.00	187	0.41
Block 4 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 4 Grading	Pumps	1	8.00	84	0.74
Block 4 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 4 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 4 Grading	Scrapers	2	8.00	367	0.48
Block 4 Grading	Signal Boards	2	8.00	6	0.82
Block 4 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 4 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 4 Grading	Trenchers	1	8.00	78	0.50
Block 4 Grading	Welders	2	8.00	46	0.45
Block 4 Foundation	Aerial Lifts	4	8.00	63	0.31
Block 4 Foundation	Air Compressors	2	8.00	78	0.48
Block 4 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Foundation	Concrete/Industrial Saws	2	4.00	81	0.73
Block 4 Foundation	Cranes	4	10.00	231	0.29
Block 4 Foundation	Forklifts	4	8.00	89	0.20
Block 4 Foundation	Generator Sets	1	8.00	84	0.74
Block 4 Foundation	Pumps	1	8.00	84	0.74
Block 4 Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Foundation	Signal Boards	1	8.00	6	0.82
Block 4 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 4 Foundation	Welders	4	8.00	46	0.45
Block 4 Building Construction	Aerial Lifts	4	8.00	63	0.31
Block 4 Building Construction	Air Compressors	2	8.00	78	0.48
Block 4 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 4 Building Construction	Cranes	4	10.00	231	0.29
Block 4 Building Construction	Forklifts	4	8.00	89	0.20
Block 4 Building Construction	Generator Sets	1	8.00	84	0.74
Block 4 Building Construction	Pumps	1	8.00	84	0.74
Block 4 Building Construction	Signal Boards	1	8.00	6	0.82
Block 4 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 4 Building Construction	Welders	4	8.00	46	0.45
Block 4 Finishing	Aerial Lifts	4	8.00	63	0.31
Block 4 Finishing	Air Compressors	0	6.00	78	0.48
Block 4 Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Block 4 Finishing	Cranes	3	10.00	231	0.29
Block 4 Finishing	Forklifts	2	8.00	89	0.20
Block 4 Finishing	Generator Sets	1	8.00	84	0.74
Block 4 Finishing	Pavers	1	8.00	130	0.42
Block 4 Finishing	Paving Equipment	1	8.00	132	0.36
Block 4 Finishing	Plate Compactors	1	8.00	8	0.43
Block 4 Finishing	Pumps	1	8.00	84	0.74

Block 4 Finishing	Rollers	1	8.00	80	0.38
Block 4 Finishing	Signal Boards	1	8.00	6	0.82
Block 4 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 4 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 4 Finishing	Trenchers	1	8.00	78	0.50
Block 4 Finishing	Welders	2	8.00	46	0.45
Block 3 Demolition	Air Compressors	1	8.00	78	0.48
Block 3 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Demolition	Excavators	1	8.00	158	0.38
Block 3 Demolition	Forklifts	1	8.00	89	0.20
Block 3 Demolition	Generator Sets	1	8.00	84	0.74
Block 3 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 3 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Block 3 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Demolition	Trenchers	1	8.00	78	0.50
Block 3 Grading	Air Compressors	1	8.00	78	0.48
Block 3 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 3 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 3 Grading	Excavators	2	8.00	158	0.38
Block 3 Grading	Forklifts	1	8.00	89	0.20
Block 3 Grading	Generator Sets	1	8.00	84	0.74
Block 3 Grading	Graders	0	8.00	187	0.41
Block 3 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 3 Grading	Pavers	1	8.00	130	0.42
Block 3 Grading	Paving Equipment	1	8.00	132	0.36
Block 3 Grading	Plate Compactors	1	8.00	8	0.43
Block 3 Grading	Pumps	1	8.00	84	0.74
Block 3 Grading	Rollers	1	8.00	80	0.38
Block 3 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 3 Grading	Scrapers	1	8.00	367	0.48
Block 3 Grading	Signal Boards	2	8.00	6	0.82
Block 3 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 3 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 3 Grading	Trenchers	1	8.00	78	0.50
Block 3 Grading	Welders	1	8.00	46	0.45
Block 3 Foundation	Aerial Lifts	1	8.00	63	0.31
Block 3 Foundation	Air Compressors	1	8.00	78	0.48
Block 3 Foundation	Bore/Drill Rigs	1	8.00	221	0.50
Block 3 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Foundation	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Foundation	Cranes	2	10.00	231	0.29
Block 3 Foundation	Forklifts	1	8.00	89	0.20
Block 3 Foundation	Plate Compactors	1	8.00	8	0.43
Block 3 Foundation	Pumps	1	8.00	84	0.74
Block 3 Foundation	Signal Boards	1	8.00	6	0.82
Block 3 Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Foundation	Welders	1	8.00	46	0.45
Block 3 Building Construction	Aerial Lifts	1	8.00	63	0.31
Block 3 Building Construction	Air Compressors	1	8.00	78	0.48
Block 3 Building Construction	Bore/Drill Rigs	1	8.00	221	0.50

Block 3 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Building Construction	Cranes	2	10.00	231	0.29
Block 3 Building Construction	Forklifts	1	8.00	89	0.20
Block 3 Building Construction	Generator Sets	0	8.00	84	0.74
Block 3 Building Construction	Other Construction Equipment	1	8.00	172	0.42
Block 3 Building Construction	Plate Compactors	1	8.00	8	0.43
Block 3 Building Construction	Pumps	1	8.00	84	0.74
Block 3 Building Construction	Signal Boards	1	8.00	6	0.82
Block 3 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Building Construction	Welders	1	8.00	46	0.45
Block 3 Finishing	Aerial Lifts	2	8.00	63	0.31
Block 3 Finishing	Concrete/Industrial Saws	2	4.00	81	0.73
Block 3 Finishing	Cranes	2	10.00	231	0.29
Block 3 Finishing	Forklifts	1	8.00	89	0.20
Block 3 Finishing	Generator Sets	0	8.00	84	0.74
Block 3 Finishing	Signal Boards	1	8.00	6	0.82
Block 3 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 3 Finishing	Trenchers	1	8.00	78	0.50
Block 3 Finishing	Welders	2	8.00	46	0.45
Block 2 Demolition	Air Compressors	1	8.00	78	0.48
Block 2 Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Demolition	Excavators	1	8.00	158	0.38
Block 2 Demolition	Forklifts	1	8.00	89	0.20
Block 2 Demolition	Generator Sets	1	8.00	84	0.74
Block 2 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 2 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 2 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 2 Demolition	Scrapers	1	8.00	367	0.48
Block 2 Demolition	Trenchers	1	8.00	78	0.50
Block 2 Grading	Air Compressors	1	8.00	78	0.48
Block 2 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 2 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Grading	Excavators	2	8.00	158	0.38
Block 2 Grading	Forklifts	3	8.00	89	0.20
Block 2 Grading	Generator Sets	1	8.00	84	0.74
Block 2 Grading	Graders	0	8.00	187	0.41
Block 2 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 2 Grading	Pumps	1	8.00	84	0.74
Block 2 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 2 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 2 Grading	Scrapers	0	8.00	367	0.48
Block 2 Grading	Signal Boards	1	8.00	6	0.82
Block 2 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 2 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 2 Grading	Trenchers	1	8.00	78	0.50
Block 2 Grading	Welders	2	8.00	46	0.45
Block 2 Foundation	Aerial Lifts	3	8.00	63	0.31

Block 2 Foundation	Air Compressors	2	8.00	78	0.48
Block 2 Foundation	Bore/Drill Rigs	1	8.00	221	0.50
Block 2 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Foundation	Cranes	3	10.00	231	0.29
Block 2 Foundation	Forklifts	3	8.00	89	0.20
Block 2 Foundation	Generator Sets	1	8.00	84	0.74
Block 2 Foundation	Pumps	1	8.00	84	0.74
Block 2 Foundation	Signal Boards	1	8.00	6	0.82
Block 2 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Foundation	Welders	3	8.00	46	0.45
Block 2 Building Construction	Aerial Lifts	3	8.00	63	0.31
Block 2 Building Construction	Air Compressors	2	8.00	78	0.48
Block 2 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Building Construction	Cranes	3	10.00	231	0.29
Block 2 Building Construction	Forklifts	3	8.00	89	0.20
Block 2 Building Construction	Generator Sets	1	8.00	84	0.74
Block 2 Building Construction	Pumps	1	8.00	84	0.74
Block 2 Building Construction	Signal Boards	1	8.00	6	0.82
Block 2 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 2 Building Construction	Welders	3	8.00	46	0.45
Block 2 Finshing	Aerial Lifts	3	8.00	63	0.31
Block 2 Finshing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 2 Finshing	Cranes	2	10.00	231	0.29
Block 2 Finshing	Forklifts	2	8.00	89	0.20
Block 2 Finshing	Generator Sets	1	8.00	84	0.74
Block 2 Finshing	Pavers	1	8.00	130	0.42
Block 2 Finshing	Paving Equipment	1	8.00	132	0.36
Block 2 Finshing	Plate Compactors	1	8.00	8	0.43
Block 2 Finshing	Pumps	1	8.00	84	0.74
Block 2 Finshing	Rollers	1	8.00	80	0.38
Block 2 Finshing	Signal Boards	1	8.00	6	0.82
Block 2 Finshing	Surfacing Equipment	1	8.00	263	0.30
Block 2 Finshing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 2 Finshing	Trenchers	1	8.00	78	0.50
Block 2 Finshing	Welders	2	8.00	46	0.45
Block 1 Demolition	Air Compressors	1	8.00	78	0.48
Block 1 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 1 Demolition	Excavators	1	8.00	158	0.38
Block 1 Demolition	Forklifts	1	8.00	89	0.20
Block 1 Demolition	Generator Sets	1	8.00	84	0.74
Block 1 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 1 Demolition	Pavers	0	8.00	130	0.42
Block 1 Demolition	Paving Equipment	0	8.00	132	0.36
Block 1 Demolition	Rollers	0	8.00	80	0.38
Block 1 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 1 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 1 Demolition	Scrapers	1	8.00	367	0.48
Block 1 Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Block 1 Demolition	Trenchers	1	8.00	78	0.50
Block 1 Grading	Air Compressors	1	8.00	78	0.48
Block 1 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 1 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Grading	Excavators	2	8.00	158	0.38
Block 1 Grading	Forklifts	1	8.00	89	0.20
Block 1 Grading	Generator Sets	1	8.00	84	0.74
Block 1 Grading	Graders	0	8.00	187	0.41
Block 1 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 1 Grading	Pumps	1	8.00	84	0.74
Block 1 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 1 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 1 Grading	Scrapers	0	8.00	367	0.48
Block 1 Grading	Signal Boards	2	8.00	6	0.82
Block 1 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 1 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 1 Grading	Trenchers	1	8.00	78	0.50
Block 1 Grading	Welders	2	8.00	46	0.45
Block 1 Foundation	Aerial Lifts	4	8.00	63	0.31
Block 1 Foundation	Air Compressors	2	8.00	78	0.48
Block 1 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Foundation	Cranes	4	10.00	231	0.29
Block 1 Foundation	Forklifts	4	8.00	89	0.20
Block 1 Foundation	Generator Sets	1	8.00	84	0.74
Block 1 Foundation	Pumps	1	8.00	84	0.74
Block 1 Foundation	Signal Boards	1	8.00	6	0.82
Block 1 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Foundation	Welders	4	8.00	46	0.45
Block 1 Building Construction	Aerial Lifts	4	8.00	63	0.31
Block 1 Building Construction	Air Compressors	2	8.00	78	0.48
Block 1 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Building Construction	Cranes	4	10.00	231	0.29
Block 1 Building Construction	Forklifts	4	8.00	89	0.20
Block 1 Building Construction	Generator Sets	1	8.00	84	0.74
Block 1 Building Construction	Pumps	1	8.00	84	0.74
Block 1 Building Construction	Signal Boards	1	8.00	6	0.82
Block 1 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 1 Building Construction	Welders	4	8.00	46	0.45
Block 1 Finishing	Aerial Lifts	4	8.00	63	0.31
Block 1 Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 1 Finishing	Cranes	3	10.00	231	0.29
Block 1 Finishing	Forklifts	2	8.00	89	0.20
Block 1 Finishing	Generator Sets	1	8.00	84	0.74
Block 1 Finishing	Pavers	1	8.00	130	0.42
Block 1 Finishing	Paving Equipment	1	8.00	132	0.36

Block 1 Finishing	Plate Compactors	1	8.00	8	0.43
Block 1 Finishing	Pumps	1	8.00	84	0.74
Block 1 Finishing	Rollers	1	8.00	80	0.38
Block 1 Finishing	Signal Boards	1	8.00	6	0.82
Block 1 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 1 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 1 Finishing	Trenchers	1	8.00	78	0.50
Block 1 Finishing	Welders	2	8.00	46	0.45

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
Block 7 Finishing	20	420.00	28.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Building Construction	37	300.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Grading	27	100.00	240.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Finishing	24	400.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Foundation	37	710.00	800.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 5/6 Building Construction	37	710.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Finishing	33	520.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coatings	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 4 Demolition	11	40.00	38.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 4 Grading	25	80.00	180.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 4 Foundation	25	600.00	400.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 4 Building Construction	24	600.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 4 Finishing	21	460.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 3 Demolition	9	50.00	16.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 3 Grading	22	70.00	180.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 3 Foundation	13	100.00	400.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 3 Building Construction	14	100.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 3 Finishing	11	80.00	3.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 2 Demolition	9	30.00	32.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 2 Grading	22	70.00	240.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 2 Foundation	21	550.00	800.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 2 Building Construction	20	550.00	26.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 2 Finshing	19	420.00	28.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 1 Demolition	9	40.00	38.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 1 Grading	22	80.00	240.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 1 Foundation	24	600.00	800.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 1 Building Construction	24	600.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 1 Finishing	21	460.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Block 5/6 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					0.1590	0.0000	0.1590	0.0241	0.0000	0.0241						0.0000
Off-Road	5.0799	42.6742	55.8967	0.1224		1.8427	1.8427		1.7480	1.7480						11,693.8642
Total	**5.0799**	**42.6742**	**55.8967**	**0.1224**	**0.1590**	**1.8427**	**2.0016**	**0.0241**	**1.7480**	**1.7721**						**11,693.8642**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.7362	49.3490	19.4829	0.2411	6.0835	0.1025	6.1860	1.6675	0.0980	1.7655						26,327.1032
Worker	0.4004	0.2429	2.9024	9.6900e-003	1.1178	8.3800e-003	1.1261	0.2964	7.7100e-003	0.3042						966.3914
Total	**2.1365**	**49.5919**	**22.3853**	**0.2508**	**7.2013**	**0.1108**	**7.3121**	**1.9639**	**0.1057**	**2.0697**						**27,293.4945**

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	lb/day										lb/day					
Fugitive Dust					0.0620	0.0000	0.0620	9.3900e-003	0.0000	9.3900e-003						0.0000
Off-Road	2.1183	11.3106	71.3871	0.1224		0.3336	0.3336		0.3336	0.3336						11,693.8642
Total	**2.1183**	**11.3106**	**71.3871**	**0.1224**	**0.0620**	**0.3336**	**0.3956**	**9.3900e-003**	**0.3336**	**0.3430**						**11,693.8642**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.7362	49.3490	19.4829	0.2411	6.0835	0.1025	6.1860	1.6675	0.0980	1.7655						26,327.1032
Worker	0.4004	0.2429	2.9024	9.6900e-003	1.1178	8.3800e-003	1.1261	0.2964	7.7100e-003	0.3042						966.3914
Total	**2.1365**	**49.5919**	**22.3853**	**0.2508**	**7.2013**	**0.1108**	**7.3121**	**1.9639**	**0.1057**	**2.0697**						**27,293.4945**

3.3 Block 7 Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	3.5206	32.6135	35.9558	0.0687		1.4531	1.4531		1.3690	1.3690						6,547.0336
Total	**3.5206**	**32.6135**	**35.9558**	**0.0687**		**1.4531**	**1.4531**		**1.3690**	**1.3690**						**6,547.0336**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0608	1.9457	0.6412	6.6800e-003	0.1793	2.3400e-003	0.1816	0.0516	2.2400e-003	0.0539						717.0982
Worker	1.6815	1.0201	12.1902	0.0407	4.6946	0.0352	4.7298	1.2450	0.0324	1.2774						4,058.8437
Total	**1.7423**	**2.9658**	**12.8314**	**0.0474**	**4.8739**	**0.0375**	**4.9114**	**1.2967**	**0.0346**	**1.3313**						**4,775.9419**

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	lb/day										lb/day					
Off-Road	1.2893	9.5403	41.8379	0.0687		0.1923	0.1923		0.1923	0.1923						6,547.0336
Total	**1.2893**	**9.5403**	**41.8379**	**0.0687**		**0.1923**	**0.1923**		**0.1923**	**0.1923**						**6,547.0336**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0608	1.9457	0.6412	6.6800e-003	0.1793	2.3400e-003	0.1816	0.0516	2.2400e-003	0.0539						717.0982
Worker	1.6815	1.0201	12.1902	0.0407	4.6946	0.0352	4.7298	1.2450	0.0324	1.2774						4,058.8437
Total	**1.7423**	**2.9658**	**12.8314**	**0.0474**	**4.8739**	**0.0375**	**4.9114**	**1.2967**	**0.0346**	**1.3313**						**4,775.9419**

3.4 Block 8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	6.6102	54.1527	61.0004	0.1126		2.1514	2.1514		2.0729	2.0729						10,440.5286
Total	**6.6102**	**54.1527**	**61.0004**	**0.1126**		**2.1514**	**2.1514**		**2.0729**	**2.0729**						**10,440.5286**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0695	2.2236	0.7328	7.6400e-003	0.2049	2.6800e-003	0.2076	0.0590	2.5600e-003	0.0616						819.5408
Worker	1.2011	0.7286	8.7073	0.0291	3.3533	0.0251	3.3784	0.8893	0.0231	0.9125						2,899.1740
Total	**1.2706**	**2.9523**	**9.4401**	**0.0367**	**3.5582**	**0.0278**	**3.5860**	**0.9483**	**0.0257**	**0.9740**						**3,718.7149**

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	lb/day										lb/day					
Off-Road	3.5770	26.2604	67.8374	0.1126		0.6181	0.6181		0.6181	0.6181						10,440.5285
Total	**3.5770**	**26.2604**	**67.8374**	**0.1126**		**0.6181**	**0.6181**		**0.6181**	**0.6181**						**10,440.5285**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0695	2.2236	0.7328	7.6400e-003	0.2049	2.6800e-003	0.2076	0.0590	2.5600e-003	0.0616						819.5408
Worker	1.2011	0.7286	8.7073	0.0291	3.3533	0.0251	3.3784	0.8893	0.0231	0.9125						2,899.1740
Total	**1.2706**	**2.9523**	**9.4401**	**0.0367**	**3.5582**	**0.0278**	**3.5860**	**0.9483**	**0.0257**	**0.9740**						**3,718.7149**

3.5 Block 8 Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	4.3932	40.1760	42.7723	0.0836		1.7441	1.7441		1.6461	1.6461						7,932.2099
Total	**4.3932**	**40.1760**	**42.7723**	**0.0836**		**1.7441**	**1.7441**		**1.6461**	**1.6461**						**7,932.2099**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0695	2.2236	0.7328	7.6400e-003	0.2049	2.6800e-003	0.2076	0.0590	2.5600e-003	0.0616						819.5408
Worker	1.6015	0.9715	11.6097	0.0388	4.4711	0.0335	4.5046	1.1858	0.0309	1.2166						3,865.5654
Total	**1.6709**	**3.1951**	**12.3425**	**0.0464**	**4.6759**	**0.0362**	**4.7121**	**1.2447**	**0.0334**	**1.2782**						**4,685.1062**

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	lb/day										lb/day					
Off-Road	1.7356	12.5342	49.9680	0.0836		0.2722	0.2722		0.2722	0.2722						7,932.2099
Total	**1.7356**	**12.5342**	**49.9680**	**0.0836**		**0.2722**	**0.2722**		**0.2722**	**0.2722**						**7,932.2099**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0695	2.2236	0.7328	7.6400e-003	0.2049	2.6800e-003	0.2076	0.0590	2.5600e-003	0.0616						819.5408
Worker	1.6015	0.9715	11.6097	0.0388	4.4711	0.0335	4.5046	1.1858	0.0309	1.2166						3,865.5654
Total	**1.6709**	**3.1951**	**12.3425**	**0.0464**	**4.6759**	**0.0362**	**4.7121**	**1.2447**	**0.0334**	**1.2782**						**4,685.1062**

3.5 Block 8 Finishing - 2025

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	lb/day										lb/day					
Off-Road	4.1297	37.2951	42.5127	0.0836		1.5632	1.5632		1.4741	1.4741						7,931.8362
Total	**4.1297**	**37.2951**	**42.5127**	**0.0836**		**1.5632**	**1.5632**		**1.4741**	**1.4741**						**7,931.8362**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0677	2.2048	0.7141	7.5900e-003	0.2049	2.6200e-003	0.2075	0.0590	2.5100e-003	0.0615						815.1353
Worker	1.5255	0.8887	10.7723	0.0372	4.4711	0.0328	4.5039	1.1858	0.0302	1.2160						3,715.8096
Total	**1.5932**	**3.0935**	**11.4864**	**0.0448**	**4.6760**	**0.0354**	**4.7114**	**1.2447**	**0.0327**	**1.2775**						**4,530.9448**

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	lb/day										lb/day					
Off-Road	1.6874	12.4181	49.9318	0.0836		0.2524	0.2524		0.2524	0.2524						7,931.8362
Total	**1.6874**	**12.4181**	**49.9318**	**0.0836**		**0.2524**	**0.2524**		**0.2524**	**0.2524**						**7,931.8362**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0677	2.2048	0.7141	7.5900e-003	0.2049	2.6200e-003	0.2075	0.0590	2.5100e-003	0.0615						815.1353
Worker	1.5255	0.8887	10.7723	0.0372	4.4711	0.0328	4.5039	1.1858	0.0302	1.2160						3,715.8096
Total	**1.5932**	**3.0935**	**11.4864**	**0.0448**	**4.6760**	**0.0354**	**4.7114**	**1.2447**	**0.0327**	**1.2775**						**4,530.9448**

3.6 Block 5/6 Foundation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	6.5419	56.9006	61.5783	0.1177		2.3416	2.3416		2.2403	2.2403						11,067.8487
Total	**6.5419**	**56.9006**	**61.5783**	**0.1177**		**2.3416**	**2.3416**		**2.2403**	**2.2403**						**11,067.8487**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	2.0797	83.5592	23.0314	0.2434	4.8378	0.0969	4.9347	1.3272	0.0927	1.4199						26,572.3561
Worker	2.8426	1.7244	20.6072	0.0688	7.9361	0.0595	7.9956	2.1047	0.0548	2.1595						6,861.3786
Total	**4.9223**	**85.2836**	**43.6387**	**0.3122**	**12.7740**	**0.1564**	**12.9303**	**3.4319**	**0.1474**	**3.5793**						**33,433.7346**

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	lb/day										lb/day					
Off-Road	2.8615	21.8384	69.7042	0.1177		0.4651	0.4651		0.4651	0.4651						11,067.8487
Total	**2.8615**	**21.8384**	**69.7042**	**0.1177**		**0.4651**	**0.4651**		**0.4651**	**0.4651**						**11,067.8487**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	2.0797	83.5592	23.0314	0.2434	4.8378	0.0969	4.9347	1.3272	0.0927	1.4199						26,572.3561
Worker	2.8426	1.7244	20.6072	0.0688	7.9361	0.0595	7.9956	2.1047	0.0548	2.1595						6,861.3786
Total	**4.9223**	**85.2836**	**43.6387**	**0.3122**	**12.7740**	**0.1564**	**12.9303**	**3.4319**	**0.1474**	**3.5793**						**33,433.7346**

3.6 Block 5/6 Foundation - 2025

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	lb/day										lb/day					
Off-Road	6.1597	53.1986	61.1948	0.1177		2.0808	2.0808		1.9883	1.9883						11,067.3651
Total	**6.1597**	**53.1986**	**61.1948**	**0.1177**		**2.0808**	**2.0808**		**1.9883**	**1.9883**						**11,067.3651**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	2.0593	82.5685	23.1021	0.2415	4.8380	0.0943	4.9323	1.3273	0.0902	1.4175						26,398.1583
Worker	2.7077	1.5774	19.1209	0.0661	7.9361	0.0583	7.9944	2.1047	0.0536	2.1583						6,595.5620
Total	**4.7670**	**84.1459**	**42.2231**	**0.3076**	**12.7742**	**0.1525**	**12.9267**	**3.4320**	**0.1438**	**3.5758**						**32,993.7202**

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	lb/day										lb/day					
Off-Road	2.7651	21.6062	69.6320	0.1177		0.4257	0.4257		0.4257	0.4257						11,067.3651
Total	**2.7651**	**21.6062**	**69.6320**	**0.1177**		**0.4257**	**0.4257**		**0.4257**	**0.4257**						**11,067.3651**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	2.0593	82.5685	23.1021	0.2415	4.8380	0.0943	4.9323	1.3273	0.0902	1.4175						26,398.1583
Worker	2.7077	1.5774	19.1209	0.0661	7.9361	0.0583	7.9944	2.1047	0.0536	2.1583						6,595.5620
Total	**4.7670**	**84.1459**	**42.2231**	**0.3076**	**12.7742**	**0.1525**	**12.9267**	**3.4320**	**0.1438**	**3.5758**						**32,993.7202**

3.7 Block 5/6 Building Construction - 2025

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	lb/day										lb/day					
Off-Road	6.1597	53.1986	61.1948	0.1177		2.0808	2.0808		1.9883	1.9883						11,067.3651
Total	**6.1597**	**53.1986**	**61.1948**	**0.1177**		**2.0808**	**2.0808**		**1.9883**	**1.9883**						**11,067.3651**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0677	2.2048	0.7141	7.5900e-003	0.2049	2.6200e-003	0.2075	0.0590	2.5100e-003	0.0615						815.1353
Worker	2.7077	1.5774	19.1209	0.0661	7.9361	0.0583	7.9944	2.1047	0.0536	2.1583						6,595.5620
Total	**2.7754**	**3.7822**	**19.8350**	**0.0737**	**8.1410**	**0.0609**	**8.2019**	**2.1637**	**0.0561**	**2.2198**						**7,410.6972**

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	lb/day										lb/day					
Off-Road	2.7651	21.6062	69.6320	0.1177		0.4257	0.4257		0.4257	0.4257						11,067.3651
Total	**2.7651**	**21.6062**	**69.6320**	**0.1177**		**0.4257**	**0.4257**		**0.4257**	**0.4257**						**11,067.3651**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0677	2.2048	0.7141	7.5900e-003	0.2049	2.6200e-003	0.2075	0.0590	2.5100e-003	0.0615						815.1353
Worker	2.7077	1.5774	19.1209	0.0661	7.9361	0.0583	7.9944	2.1047	0.0536	2.1583						6,595.5620
Total	**2.7754**	**3.7822**	**19.8350**	**0.0737**	**8.1410**	**0.0609**	**8.2019**	**2.1637**	**0.0561**	**2.2198**						**7,410.6972**

3.8 Block 5/6 Finishing - 2025

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	lb/day										lb/day					
Off-Road	5.6623	50.0194	57.4168	0.1112		2.0739	2.0739		1.9636	1.9636						10,513.7343
Total	**5.6623**	**50.0194**	**57.4168**	**0.1112**		**2.0739**	**2.0739**		**1.9636**	**1.9636**						**10,513.7343**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0846	2.7560	0.8926	9.4900e-003	0.2561	3.2800e-003	0.2594	0.0737	3.1400e-003	0.0769						1,018.9191
Worker	1.9831	1.1553	14.0040	0.0484	5.8124	0.0427	5.8550	1.5415	0.0393	1.5807						4,830.5524
Total	**2.0677**	**3.9113**	**14.8967**	**0.0579**	**6.0685**	**0.0459**	**6.1144**	**1.6152**	**0.0424**	**1.6576**						**5,849.4715**

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	lb/day										lb/day					
Off-Road	2.4000	17.0500	66.5814	0.1112		0.3679	0.3679		0.3679	0.3679						10,513.7343
Total	**2.4000**	**17.0500**	**66.5814**	**0.1112**		**0.3679**	**0.3679**		**0.3679**	**0.3679**						**10,513.7343**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0846	2.7560	0.8926	9.4900e-003	0.2561	3.2800e-003	0.2594	0.0737	3.1400e-003	0.0769						1,018.9191
Worker	1.9831	1.1553	14.0040	0.0484	5.8124	0.0427	5.8550	1.5415	0.0393	1.5807						4,830.5524
Total	**2.0677**	**3.9113**	**14.8967**	**0.0579**	**6.0685**	**0.0459**	**6.1144**	**1.6152**	**0.0424**	**1.6576**						**5,849.4715**

3.8 Block 5/6 Finishing - 2026

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	lb/day										lb/day					
Off-Road	5.6623	50.0194	57.4168	0.1112		2.0739	2.0739		1.9636	1.9636						10,513.7343
Total	**5.6623**	**50.0194**	**57.4168**	**0.1112**		**2.0739**	**2.0739**		**1.9636**	**1.9636**						**10,513.7343**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0827	2.7304	0.8746	9.4300e-003	0.2561	3.2100e-003	0.2593	0.0737	3.0600e-003	0.0768						1,013.6351
Worker	1.8987	1.0642	13.0829	0.0467	5.8124	0.0412	5.8536	1.5415	0.0379	1.5794						4,662.6519
Total	**1.9814**	**3.7946**	**13.9575**	**0.0562**	**6.0685**	**0.0444**	**6.1129**	**1.6152**	**0.0410**	**1.6562**						**5,676.2870**

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	lb/day										lb/day					
Off-Road	2.4000	17.0500	66.5814	0.1112		0.3679	0.3679		0.3679	0.3679						10,513.7343
Total	**2.4000**	**17.0500**	**66.5814**	**0.1112**		**0.3679**	**0.3679**		**0.3679**	**0.3679**						**10,513.7343**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0827	2.7304	0.8746	9.4300e-003	0.2561	3.2100e-003	0.2593	0.0737	3.0600e-003	0.0768						1,013.6351
Worker	1.8987	1.0642	13.0829	0.0467	5.8124	0.0412	5.8536	1.5415	0.0379	1.5794						4,662.6519
Total	**1.9814**	**3.7946**	**13.9575**	**0.0562**	**6.0685**	**0.0444**	**6.1129**	**1.6152**	**0.0410**	**1.6562**						**5,676.2870**

3.9 Architectural Coatings - 2026

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	lb/day										lb/day					
Archit. Coating	54.4108					0.0000	0.0000		0.0000	0.0000						0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total	**54.4108**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						**0.0000**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Archit. Coating	54.4108					0.0000	0.0000		0.0000	0.0000						0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total	**54.4108**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						**0.0000**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.10 Block 4 Demolition - 2026

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	lb/day										lb/day					
Fugitive Dust					1.1630	0.0000	1.1630	0.1761	0.0000	0.1761						0.0000
Off-Road	2.4713	22.6257	27.8003	0.0552		0.9502	0.9502		0.8921	0.8921						5,325.2727
Total	**2.4713**	**22.6257**	**27.8003**	**0.0552**	**1.1630**	**0.9502**	**2.1131**	**0.1761**	**0.8921**	**1.0682**						**5,325.2727**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.2719	7.5709	3.1245	0.0377	1.6918	0.0157	1.7075	0.4429	0.0150	0.4579						4,125.6129
Worker	0.1461	0.0819	1.0064	3.5900e-003	0.8358	3.1700e-003	0.8390	0.2140	2.9200e-003	0.2169						358.6655
Total	**0.4180**	**7.6527**	**4.1308**	**0.0413**	**2.5276**	**0.0189**	**2.5465**	**0.6568**	**0.0180**	**0.6748**						**4,484.2785**

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	lb/day										lb/day					
Fugitive Dust					0.4536	0.0000	0.4536	0.0687	0.0000	0.0687						0.0000
Off-Road	0.6638	3.8180	32.4867	0.0552		0.0851	0.0851		0.0851	0.0851						5,325.2727
Total	**0.6638**	**3.8180**	**32.4867**	**0.0552**	**0.4536**	**0.0851**	**0.5387**	**0.0687**	**0.0851**	**0.1538**						**5,325.2727**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.2719	7.5709	3.1245	0.0377	1.6918	0.0157	1.7075	0.4429	0.0150	0.4579						4,125.6129
Worker	0.1461	0.0819	1.0064	3.5900e-003	0.8358	3.1700e-003	0.8390	0.2140	2.9200e-003	0.2169						358.6655
Total	**0.4180**	**7.6527**	**4.1308**	**0.0413**	**2.5276**	**0.0189**	**2.5465**	**0.6568**	**0.0180**	**0.6748**						**4,484.2785**

3.11 Block 4 Grading - 2026

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	lb/day										lb/day					
Fugitive Dust					2.1838	0.0000	2.1838	0.2385	0.0000	0.2385						0.0000
Off-Road	5.3892	46.8103	57.7251	0.1325		1.9170	1.9170		1.8022	1.8022						12,720.5723
Total	**5.3892**	**46.8103**	**57.7251**	**0.1325**	**2.1838**	**1.9170**	**4.1008**	**0.2385**	**1.8022**	**2.0407**						**12,720.5723**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.2880	35.8620	14.8000	0.1786	4.5631	0.0745	4.6376	1.2508	0.0712	1.3220						19,542.3771
Worker	0.2921	0.1637	2.0128	7.1900e-003	0.8942	6.3400e-003	0.9006	0.2372	5.8400e-003	0.2430						717.3311
Total	**1.5801**	**36.0257**	**16.8128**	**0.1858**	**5.4573**	**0.0808**	**5.5381**	**1.4879**	**0.0771**	**1.5650**						**20,259.7081**

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	lb/day										lb/day					
Fugitive Dust					0.8517	0.0000	0.8517	0.0930	0.0000	0.0930						0.0000
Off-Road	2.0114	10.5505	73.2350	0.1325		0.2944	0.2944		0.2944	0.2944						12,720.5723
Total	**2.0114**	**10.5505**	**73.2350**	**0.1325**	**0.8517**	**0.2944**	**1.1461**	**0.0930**	**0.2944**	**0.3875**						**12,720.5723**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.2880	35.8620	14.8000	0.1786	4.5631	0.0745	4.6376	1.2508	0.0712	1.3220						19,542.3771
Worker	0.2921	0.1637	2.0128	7.1900e-003	0.8942	6.3400e-003	0.9006	0.2372	5.8400e-003	0.2430						717.3311
Total	**1.5801**	**36.0257**	**16.8128**	**0.1858**	**5.4573**	**0.0808**	**5.5381**	**1.4879**	**0.0771**	**1.5650**						**20,259.7081**

3.12 Block 4 Foundation - 2027

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	lb/day										lb/day					
Off-Road	4.4056	38.2288	42.0207	0.0827		1.5265	1.5265		1.4538	1.4538						7,795.5844
Total	**4.4056**	**38.2288**	**42.0207**	**0.0827**		**1.5265**	**1.5265**		**1.4538**	**1.4538**						**7,795.5844**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.0101	40.3132	11.6387	0.1192	2.4193	0.0444	2.4636	0.6637	0.0425	0.7062						13,042.5986
Worker	2.0945	1.1327	14.1433	0.0522	6.7066	0.0449	6.7515	1.7786	0.0414	1.8200						5,208.3301
Total	**3.1045**	**41.4459**	**25.7820**	**0.1713**	**9.1258**	**0.0893**	**9.2152**	**2.4423**	**0.0838**	**2.5261**						**18,250.9288**

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	lb/day										lb/day					
Off-Road	1.8573	13.7209	48.0828	0.0827		0.2860	0.2860		0.2860	0.2860						7,795.5844
Total	**1.8573**	**13.7209**	**48.0828**	**0.0827**		**0.2860**	**0.2860**		**0.2860**	**0.2860**						**7,795.5844**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.0101	40.3132	11.6387	0.1192	2.4193	0.0444	2.4636	0.6637	0.0425	0.7062						13,042.5986
Worker	2.0945	1.1327	14.1433	0.0522	6.7066	0.0449	6.7515	1.7786	0.0414	1.8200						5,208.3301
Total	**3.1045**	**41.4459**	**25.7820**	**0.1713**	**9.1258**	**0.0893**	**9.2152**	**2.4423**	**0.0838**	**2.5261**						**18,250.9288**

3.13 Block 4 Building Construction - 2027

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	lb/day										lb/day					
Off-Road	4.4056	38.2288	42.0207	0.0827		1.5265	1.5265		1.4538	1.4538						7,795.5844
Total	**4.4056**	**38.2288**	**42.0207**	**0.0827**		**1.5265**	**1.5265**		**1.4538**	**1.4538**						**7,795.5844**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0770	2.5704	0.8171	8.9200e-003	0.2433	2.9800e-003	0.2463	0.0701	2.8500e-003	0.0729						958.4365
Worker	2.0945	1.1327	14.1433	0.0522	6.7066	0.0449	6.7515	1.7786	0.0414	1.8200						5,208.3301
Total	**2.1715**	**3.7031**	**14.9603**	**0.0611**	**6.9499**	**0.0479**	**6.9978**	**1.8487**	**0.0442**	**1.8929**						**6,166.7666**

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	lb/day										lb/day					
Off-Road	1.8573	13.7209	48.0828	0.0827		0.2860	0.2860		0.2860	0.2860						7,795.5844
Total	**1.8573**	**13.7209**	**48.0828**	**0.0827**		**0.2860**	**0.2860**		**0.2860**	**0.2860**						**7,795.5844**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0770	2.5704	0.8171	8.9200e-003	0.2433	2.9800e-003	0.2463	0.0701	2.8500e-003	0.0729						958.4365
Worker	2.0945	1.1327	14.1433	0.0522	6.7066	0.0449	6.7515	1.7786	0.0414	1.8200						5,208.3301
Total	**2.1715**	**3.7031**	**14.9603**	**0.0611**	**6.9499**	**0.0479**	**6.9978**	**1.8487**	**0.0442**	**1.8929**						**6,166.7666**

3.14 Block 4 Finishing - 2027

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	lb/day										lb/day					
Off-Road	3.8172	35.0645	39.4617	0.0787		1.4991	1.4991		1.4107	1.4107						7,509.2835
Total	**3.8172**	**35.0645**	**39.4617**	**0.0787**		**1.4991**	**1.4991**		**1.4107**	**1.4107**						**7,509.2835**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0648	2.1645	0.6881	7.5100e-003	0.2049	2.5100e-003	0.2074	0.0590	2.4000e-003	0.0614						807.1044
Worker	1.6057	0.8684	10.8432	0.0400	5.1417	0.0345	5.1762	1.3636	0.0317	1.3953						3,993.0531
Total	**1.6706**	**3.0329**	**11.5312**	**0.0475**	**5.3466**	**0.0370**	**5.3836**	**1.4226**	**0.0341**	**1.4567**						**4,800.1575**

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	lb/day										lb/day					
Off-Road	1.3675	9.7641	46.6973	0.0787		0.1945	0.1945		0.1945	0.1945						7,509.2835
Total	**1.3675**	**9.7641**	**46.6973**	**0.0787**		**0.1945**	**0.1945**		**0.1945**	**0.1945**						**7,509.2835**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0648	2.1645	0.6881	7.5100e-003	0.2049	2.5100e-003	0.2074	0.0590	2.4000e-003	0.0614						807.1044
Worker	1.6057	0.8684	10.8432	0.0400	5.1417	0.0345	5.1762	1.3636	0.0317	1.3953						3,993.0531
Total	**1.6706**	**3.0329**	**11.5312**	**0.0475**	**5.3466**	**0.0370**	**5.3836**	**1.4226**	**0.0341**	**1.4567**						**4,800.1575**

3.14 Block 4 Finishing - 2028

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	lb/day										lb/day					
Off-Road	3.8172	35.0645	39.4617	0.0787		1.4991	1.4991		1.4107	1.4107						7,509.2835
Total	**3.8172**	**35.0645**	**39.4617**	**0.0787**		**1.4991**	**1.4991**		**1.4107**	**1.4107**						**7,509.2835**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0637	2.1481	0.6787	7.4700e-003	0.2049	2.4600e-003	0.2074	0.0590	2.3500e-003	0.0614						803.8579
Worker	1.5281	0.8026	10.2049	0.0388	5.1417	0.0320	5.1737	1.3636	0.0294	1.3930						3,876.4690
Total	**1.5919**	**2.9506**	**10.8836**	**0.0463**	**5.3466**	**0.0344**	**5.3810**	**1.4226**	**0.0318**	**1.4544**						**4,680.3269**

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	lb/day										lb/day					
Off-Road	1.3675	9.7641	46.6973	0.0787		0.1945	0.1945		0.1945	0.1945						7,509.2835
Total	**1.3675**	**9.7641**	**46.6973**	**0.0787**		**0.1945**	**0.1945**		**0.1945**	**0.1945**						**7,509.2835**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0637	2.1481	0.6787	7.4700e-003	0.2049	2.4600e-003	0.2074	0.0590	2.3500e-003	0.0614						803.8579
Worker	1.5281	0.8026	10.2049	0.0388	5.1417	0.0320	5.1737	1.3636	0.0294	1.3930						3,876.4690
Total	**1.5919**	**2.9506**	**10.8836**	**0.0463**	**5.3466**	**0.0344**	**5.3810**	**1.4226**	**0.0318**	**1.4544**						**4,680.3269**

3.15 Block 3 Demolition - 2028

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	lb/day										lb/day					
Fugitive Dust					0.4863	0.0000	0.4863	0.0736	0.0000	0.0736						0.0000
Off-Road	2.2891	20.7687	24.0794	0.0416		0.9972	0.9972		0.9343	0.9343						4,021.2574
Total	**2.2891**	**20.7687**	**24.0794**	**0.0416**	**0.4863**	**0.9972**	**1.4836**	**0.0736**	**0.9343**	**1.0079**						**4,021.2574**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.1132	3.0987	1.3261	0.0157	0.4056	6.4100e-003	0.4121	0.1112	6.1300e-003	0.1173						1,722.3942
Worker	0.1661	0.0872	1.1092	4.2200e-003	0.5589	3.4700e-003	0.5624	0.1482	3.2000e-003	0.1514						421.3553
Total	**0.2793**	**3.1859**	**2.4353**	**0.0199**	**0.9645**	**9.8800e-003**	**0.9744**	**0.2594**	**9.3300e-003**	**0.2687**						**2,143.7496**

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	lb/day										lb/day					
Fugitive Dust					0.1897	0.0000	0.1897	0.0287	0.0000	0.0287						0.0000
Off-Road	0.4793	2.0770	26.9433	0.0416		0.0639	0.0639		0.0639	0.0639						4,021.2574
Total	**0.4793**	**2.0770**	**26.9433**	**0.0416**	**0.1897**	**0.0639**	**0.2536**	**0.0287**	**0.0639**	**0.0926**						**4,021.2574**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.1132	3.0987	1.3261	0.0157	0.4056	6.4100e-003	0.4121	0.1112	6.1300e-003	0.1173						1,722.3942
Worker	0.1661	0.0872	1.1092	4.2200e-003	0.5589	3.4700e-003	0.5624	0.1482	3.2000e-003	0.1514						421.3553
Total	**0.2793**	**3.1859**	**2.4353**	**0.0199**	**0.9645**	**9.8800e-003**	**0.9744**	**0.2594**	**9.3300e-003**	**0.2687**						**2,143.7496**

3.16 Block 3 Grading - 2028

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	lb/day										lb/day					
Fugitive Dust					1.0964	0.0000	1.0964	0.1200	0.0000	0.1200						0.0000
Off-Road	4.2690	36.5039	48.7901	0.1022		1.6065	1.6065		1.5141	1.5141						9,801.2516
Total	**4.2690**	**36.5039**	**48.7901**	**0.1022**	**1.0964**	**1.6065**	**2.7029**	**0.1200**	**1.5141**	**1.6340**						**9,801.2516**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.2737	34.8598	14.9186	0.1769	4.5635	0.0721	4.6356	1.2509	0.0690	1.3199						19,376.9351
Worker	0.2325	0.1221	1.5529	5.9100e-003	0.7824	4.8600e-003	0.7873	0.2075	4.4700e-003	0.2120						589.8975
Total	**1.5063**	**34.9820**	**16.4715**	**0.1828**	**5.3459**	**0.0770**	**5.4229**	**1.4584**	**0.0735**	**1.5319**						**19,966.8325**

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	lb/day										lb/day					
Fugitive Dust					0.4276	0.0000	0.4276	0.0468	0.0000	0.0468						0.0000
Off-Road	1.4199	6.6562	59.7510	0.1022		0.2074	0.2074		0.2074	0.2074						9,801.2516
Total	**1.4199**	**6.6562**	**59.7510**	**0.1022**	**0.4276**	**0.2074**	**0.6350**	**0.0468**	**0.2074**	**0.2542**						**9,801.2516**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.2737	34.8598	14.9186	0.1769	4.5635	0.0721	4.6356	1.2509	0.0690	1.3199						19,376.9351
Worker	0.2325	0.1221	1.5529	5.9100e-003	0.7824	4.8600e-003	0.7873	0.2075	4.4700e-003	0.2120						589.8975
Total	**1.5063**	**34.9820**	**16.4715**	**0.1828**	**5.3459**	**0.0770**	**5.4229**	**1.4584**	**0.0735**	**1.5319**						**19,966.8325**

3.17 Block 3 Foundation - 2029

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	lb/day										lb/day					
Off-Road	2.2819	19.8684	21.2534	0.0484		0.7996	0.7996		0.7592	0.7592						4,589.4167
Total	**2.2819**	**19.8684**	**21.2534**	**0.0484**		**0.7996**	**0.7996**		**0.7592**	**0.7592**						**4,589.4167**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.9943	39.5197	11.7209	0.1179	2.4195	0.0419	2.4614	0.6638	0.0401	0.7039						12,920.5143
Worker	0.3127	0.1603	2.0788	8.2100e-003	1.1178	6.4700e-003	1.1242	0.2964	5.9500e-003	0.3024						820.0566
Total	**1.3069**	**39.6801**	**13.7996**	**0.1261**	**3.5372**	**0.0484**	**3.5856**	**0.9602**	**0.0461**	**1.0063**						**13,740.5710**

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	lb/day										lb/day					
Off-Road	0.8075	4.7672	25.9528	0.0484		0.1230	0.1230		0.1230	0.1230						4,589.4167
Total	**0.8075**	**4.7672**	**25.9528**	**0.0484**		**0.1230**	**0.1230**		**0.1230**	**0.1230**						**4,589.4167**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.9943	39.5197	11.7209	0.1179	2.4195	0.0419	2.4614	0.6638	0.0401	0.7039						12,920.5143
Worker	0.3127	0.1603	2.0788	8.2100e-003	1.1178	6.4700e-003	1.1242	0.2964	5.9500e-003	0.3024						820.0566
Total	**1.3069**	**39.6801**	**13.7996**	**0.1261**	**3.5372**	**0.0484**	**3.5856**	**0.9602**	**0.0461**	**1.0063**						**13,740.5710**

3.18 Block 3 Building Construction - 2029

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	lb/day										lb/day					
Off-Road	2.5810	22.6299	25.2495	0.0545		0.9424	0.9424		0.8906	0.8906						5,192.8818
Total	**2.5810**	**22.6299**	**25.2495**	**0.0545**		**0.9424**	**0.9424**		**0.8906**	**0.8906**						**5,192.8818**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0157	0.5329	0.1675	1.8600e-003	0.0512	6.0000e-004	0.0518	0.0148	5.8000e-004	0.0153						200.2397
Worker	0.3127	0.1603	2.0788	8.2100e-003	1.1178	6.4700e-003	1.1242	0.2964	5.9500e-003	0.3024						820.0566
Total	**0.3284**	**0.6932**	**2.2463**	**0.0101**	**1.1690**	**7.0700e-003**	**1.1761**	**0.3112**	**6.5300e-003**	**0.3177**						**1,020.2964**

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	lb/day										lb/day					
Off-Road	0.8840	5.0985	30.6670	0.0545		0.1332	0.1332		0.1332	0.1332						5,192.8818
Total	**0.8840**	**5.0985**	**30.6670**	**0.0545**		**0.1332**	**0.1332**		**0.1332**	**0.1332**						**5,192.8818**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0157	0.5329	0.1675	1.8600e-003	0.0512	6.0000e-004	0.0518	0.0148	5.8000e-004	0.0153						200.2397
Worker	0.3127	0.1603	2.0788	8.2100e-003	1.1178	6.4700e-003	1.1242	0.2964	5.9500e-003	0.3024						820.0566
Total	**0.3284**	**0.6932**	**2.2463**	**0.0101**	**1.1690**	**7.0700e-003**	**1.1761**	**0.3112**	**6.5300e-003**	**0.3177**						**1,020.2964**

3.19 Block 3 Finishing - 2029

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	lb/day										lb/day					
Off-Road	2.0431	18.0353	17.4747	0.0348		0.7829	0.7829		0.7353	0.7353						3,274.1508
Total	**2.0431**	**18.0353**	**17.4747**	**0.0348**		**0.7829**	**0.7829**		**0.7353**	**0.7353**						**3,274.1508**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	5.8700e-003	0.1998	0.0628	7.0000e-004	0.0192	2.3000e-004	0.0194	5.5300e-003	2.2000e-004	5.7500e-003						75.0899
Worker	0.2502	0.1283	1.6630	6.5700e-003	0.8942	5.1700e-003	0.8994	0.2372	4.7600e-003	0.2419						656.0453
Total	**0.2560**	**0.3281**	**1.7258**	**7.2700e-003**	**0.9134**	**5.4000e-003**	**0.9188**	**0.2427**	**4.9800e-003**	**0.2477**						**731.1352**

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	lb/day										lb/day					
Off-Road	0.8221	5.8713	19.9157	0.0348		0.1273	0.1273		0.1273	0.1273						3,274.1508
Total	**0.8221**	**5.8713**	**19.9157**	**0.0348**		**0.1273**	**0.1273**		**0.1273**	**0.1273**						**3,274.1508**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	5.8700e-003	0.1998	0.0628	7.0000e-004	0.0192	2.3000e-004	0.0194	5.5300e-003	2.2000e-004	5.7500e-003						75.0899
Worker	0.2502	0.1283	1.6630	6.5700e-003	0.8942	5.1700e-003	0.8994	0.2372	4.7600e-003	0.2419						656.0453
Total	**0.2560**	**0.3281**	**1.7258**	**7.2700e-003**	**0.9134**	**5.4000e-003**	**0.9188**	**0.2427**	**4.9800e-003**	**0.2477**						**731.1352**

3.19 Block 3 Finishing - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	1.7770	10.0870	16.5980	0.0399		0.2775	0.2775		0.2775	0.2775						3,700.2995
Total	**1.7770**	**10.0870**	**16.5980**	**0.0399**		**0.2775**	**0.2775**		**0.2775**	**0.2775**						**3,700.2995**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	5.7900e-003	0.1983	0.0622	7.0000e-004	0.0192	2.2000e-004	0.0194	5.5300e-003	2.1000e-004	5.7400e-003						74.8435
Worker	0.2341	0.1175	1.5594	6.4100e-003	0.8942	4.8300e-003	0.8990	0.2372	4.4400e-003	0.2416						639.8516
Total	**0.2399**	**0.3158**	**1.6216**	**7.1100e-003**	**0.9134**	**5.0500e-003**	**0.9185**	**0.2427**	**4.6500e-003**	**0.2473**						**714.6952**

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	lb/day										lb/day					
Off-Road	0.7104	5.5770	19.8157	0.0399		0.0784	0.0784		0.0784	0.0784						3,700.2995
Total	**0.7104**	**5.5770**	**19.8157**	**0.0399**		**0.0784**	**0.0784**		**0.0784**	**0.0784**						**3,700.2995**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	5.7900e-003	0.1983	0.0622	7.0000e-004	0.0192	2.2000e-004	0.0194	5.5300e-003	2.1000e-004	5.7400e-003						74.8435
Worker	0.2341	0.1175	1.5594	6.4100e-003	0.8942	4.8300e-003	0.8990	0.2372	4.4400e-003	0.2416						639.8516
Total	**0.2399**	**0.3158**	**1.6216**	**7.1100e-003**	**0.9134**	**5.0500e-003**	**0.9185**	**0.2427**	**4.6500e-003**	**0.2473**						**714.6952**

3.20 Block 2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					0.9986	0.0000	0.9986	0.1512	0.0000	0.1512						0.0000
Off-Road	2.4023	12.5356	27.2795	0.0566		0.3961	0.3961		0.3961	0.3961						5,658.0209
Total	**2.4023**	**12.5356**	**27.2795**	**0.0566**	**0.9986**	**0.3961**	**1.3947**	**0.1512**	**0.3961**	**0.5473**						**5,658.0209**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.2235	6.0265	2.6607	0.0312	0.8114	0.0124	0.8237	0.2224	0.0118	0.2342						3,419.6086
Worker	0.0878	0.0441	0.5848	2.4000e-003	0.3353	1.8100e-003	0.3371	0.0889	1.6600e-003	0.0906						239.9444
Total	**0.3113**	**6.0705**	**3.2454**	**0.0336**	**1.1467**	**0.0142**	**1.1609**	**0.3113**	**0.0135**	**0.3248**						**3,659.5530**

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	lb/day										lb/day					
Fugitive Dust					0.3895	0.0000	0.3895	0.0590	0.0000	0.0590						0.0000
Off-Road	0.5968	2.5862	32.1425	0.0566		0.0796	0.0796		0.0796	0.0796						5,658.0208
Total	**0.5968**	**2.5862**	**32.1425**	**0.0566**	**0.3895**	**0.0796**	**0.4690**	**0.0590**	**0.0796**	**0.1385**						**5,658.0208**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.2235	6.0265	2.6607	0.0312	0.8114	0.0124	0.8237	0.2224	0.0118	0.2342						3,419.6086
Worker	0.0878	0.0441	0.5848	2.4000e-003	0.3353	1.8100e-003	0.3371	0.0889	1.6600e-003	0.0906						239.9444
Total	**0.3113**	**6.0705**	**3.2454**	**0.0336**	**1.1467**	**0.0142**	**1.1609**	**0.3113**	**0.0135**	**0.3248**						**3,659.5530**

3.21 Block 2 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					0.0874	0.0000	0.0874	0.0132	0.0000	0.0132						0.0000
Off-Road	3.9202	20.3171	47.8334	0.1087		0.5383	0.5383		0.5383	0.5383						10,331.2928
Total	**3.9202**	**20.3171**	**47.8334**	**0.1087**	**0.0874**	**0.5383**	**0.6257**	**0.0132**	**0.5383**	**0.5515**						**10,331.2928**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.6761	45.1985	19.9549	0.2339	6.0852	0.0926	6.1778	1.6681	0.0886	1.7567						25,647.0646
Worker	0.2048	0.1028	1.3645	5.6100e-003	0.7824	4.2200e-003	0.7867	0.2075	3.8800e-003	0.2114						559.8702
Total	**1.8810**	**45.3013**	**21.3193**	**0.2395**	**6.8676**	**0.0969**	**6.9645**	**1.8756**	**0.0925**	**1.9681**						**26,206.9347**

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	lb/day										lb/day					
Fugitive Dust					0.0341	0.0000	0.0341	5.1600e-003	0.0000	5.1600e-003						0.0000
Off-Road	1.4476	8.2971	57.5000	0.1087		0.1852	0.1852		0.1852	0.1852						10,331.2928
Total	**1.4476**	**8.2971**	**57.5000**	**0.1087**	**0.0341**	**0.1852**	**0.2193**	**5.1600e-003**	**0.1852**	**0.1904**						**10,331.2928**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.6761	45.1985	19.9549	0.2339	6.0852	0.0926	6.1778	1.6681	0.0886	1.7567						25,647.0646
Worker	0.2048	0.1028	1.3645	5.6100e-003	0.7824	4.2200e-003	0.7867	0.2075	3.8800e-003	0.2114						559.8702
Total	**1.8810**	**45.3013**	**21.3193**	**0.2395**	**6.8676**	**0.0969**	**6.9645**	**1.8756**	**0.0925**	**1.9681**						**26,206.9347**

3.21 Block 2 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					0.0874	0.0000	0.0874	0.0132	0.0000	0.0132						0.0000
Off-Road	3.9202	20.3171	47.8334	0.1087		0.5383	0.5383		0.5383	0.5383						10,331.2928
Total	**3.9202**	**20.3171**	**47.8334**	**0.1087**	**0.0874**	**0.5383**	**0.6257**	**0.0132**	**0.5383**	**0.5515**						**10,331.2928**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.6726	44.7596	20.0423	0.2332	6.0853	0.0913	6.1766	1.6681	0.0873	1.7554						25,585.4131
Worker	0.1894	0.0933	1.2763	5.4900e-003	0.7824	3.9500e-003	0.7864	0.2075	3.6400e-003	0.2111						548.4178
Total	**1.8621**	**44.8530**	**21.3186**	**0.2387**	**6.8678**	**0.0952**	**6.9630**	**1.8756**	**0.0909**	**1.9666**						**26,133.8309**

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	lb/day										lb/day					
Fugitive Dust					0.0341	0.0000	0.0341	5.1600e-003	0.0000	5.1600e-003						0.0000
Off-Road	1.4476	8.2971	57.5000	0.1087		0.1852	0.1852		0.1852	0.1852						10,331.2928
Total	**1.4476**	**8.2971**	**57.5000**	**0.1087**	**0.0341**	**0.1852**	**0.2193**	**5.1600e-003**	**0.1852**	**0.1904**						**10,331.2928**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.6726	44.7596	20.0423	0.2332	6.0853	0.0913	6.1766	1.6681	0.0873	1.7554						25,585.4131
Worker	0.1894	0.0933	1.2763	5.4900e-003	0.7824	3.9500e-003	0.7864	0.2075	3.6400e-003	0.2111						548.4178
Total	**1.8621**	**44.8530**	**21.3186**	**0.2387**	**6.8678**	**0.0952**	**6.9630**	**1.8756**	**0.0909**	**1.9666**						**26,133.8309**

3.22 Block 2 Foundation - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	3.3853	19.6112	36.8057	0.0891		0.4360	0.4360		0.4360	0.4360						8,308.0315
Total	**3.3853**	**19.6112**	**36.8057**	**0.0891**		**0.4360**	**0.4360**		**0.4360**	**0.4360**						**8,308.0315**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.9680	77.7478	23.6515	0.2340	4.8393	0.0795	4.9187	1.3277	0.0760	1.4037						25,670.0087
Worker	1.4884	0.7332	10.0281	0.0432	6.1477	0.0311	6.1788	1.6304	0.0286	1.6590						4,308.9969
Total	**3.4564**	**78.4811**	**33.6795**	**0.2771**	**10.9870**	**0.1106**	**11.0975**	**2.9581**	**0.1046**	**3.0627**						**29,979.0056**

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	lb/day										lb/day					
Off-Road	1.4381	11.0347	44.8835	0.0891		0.1703	0.1703		0.1703	0.1703						8,308.0315
Total	**1.4381**	**11.0347**	**44.8835**	**0.0891**		**0.1703**	**0.1703**		**0.1703**	**0.1703**						**8,308.0315**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.9680	77.7478	23.6515	0.2340	4.8393	0.0795	4.9187	1.3277	0.0760	1.4037						25,670.0087
Worker	1.4884	0.7332	10.0281	0.0432	6.1477	0.0311	6.1788	1.6304	0.0286	1.6590						4,308.9969
Total	**3.4564**	**78.4811**	**33.6795**	**0.2771**	**10.9870**	**0.1106**	**11.0975**	**2.9581**	**0.1046**	**3.0627**						**29,979.0056**

3.23 Block 2 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	3.1378	19.0772	34.7886	0.0774		0.4165	0.4165		0.4165	0.4165						7,199.9454
Total	**3.1378**	**19.0772**	**34.7886**	**0.0774**		**0.4165**	**0.4165**		**0.4165**	**0.4165**						**7,199.9454**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0498	1.7093	0.5365	6.0100e-003	0.1665	1.8800e-003	0.1684	0.0479	1.8000e-003	0.0497						647.4445
Worker	1.4884	0.7332	10.0281	0.0432	6.1477	0.0311	6.1788	1.6304	0.0286	1.6590						4,308.9969
Total	**1.5382**	**2.4426**	**10.5645**	**0.0492**	**6.3142**	**0.0330**	**6.3472**	**1.6783**	**0.0304**	**1.7087**						**4,956.4415**

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	lb/day										lb/day					
Off-Road	1.3212	10.5280	40.5960	0.0774		0.1547	0.1547		0.1547	0.1547						7,199.9454
Total	**1.3212**	**10.5280**	**40.5960**	**0.0774**		**0.1547**	**0.1547**		**0.1547**	**0.1547**						**7,199.9454**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0498	1.7093	0.5365	6.0100e-003	0.1665	1.8800e-003	0.1684	0.0479	1.8000e-003	0.0497						647.4445
Worker	1.4884	0.7332	10.0281	0.0432	6.1477	0.0311	6.1788	1.6304	0.0286	1.6590						4,308.9969
Total	**1.5382**	**2.4426**	**10.5645**	**0.0492**	**6.3142**	**0.0330**	**6.3472**	**1.6783**	**0.0304**	**1.7087**						**4,956.4415**

3.23 Block 2 Building Construction - 2032

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	lb/day										lb/day					
Off-Road	3.1378	19.0772	34.7886	0.0774		0.4165	0.4165		0.4165	0.4165						7,199.9454
Total	**3.1378**	**19.0772**	**34.7886**	**0.0774**		**0.4165**	**0.4165**		**0.4165**	**0.4165**						**7,199.9454**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0493	1.6980	0.5340	6.0000e-003	0.1665	1.8500e-003	0.1683	0.0479	1.7700e-003	0.0497						646.1322
Worker	1.3798	0.6682	9.4002	0.0423	6.1477	0.0290	6.1767	1.6304	0.0267	1.6571						4,220.8498
Total	**1.4291**	**2.3662**	**9.9341**	**0.0483**	**6.3142**	**0.0308**	**6.3450**	**1.6783**	**0.0284**	**1.7068**						**4,866.9820**

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	lb/day										lb/day					
Off-Road	1.3212	10.5280	40.5960	0.0774		0.1547	0.1547		0.1547	0.1547						7,199.9454
Total	**1.3212**	**10.5280**	**40.5960**	**0.0774**		**0.1547**	**0.1547**		**0.1547**	**0.1547**						**7,199.9454**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0493	1.6980	0.5340	6.0000e-003	0.1665	1.8500e-003	0.1683	0.0479	1.7700e-003	0.0497						646.1322
Worker	1.3798	0.6682	9.4002	0.0423	6.1477	0.0290	6.1767	1.6304	0.0267	1.6571						4,220.8498
Total	**1.4291**	**2.3662**	**9.9341**	**0.0483**	**6.3142**	**0.0308**	**6.3450**	**1.6783**	**0.0284**	**1.7068**						**4,866.9820**

3.24 Block 2 Finshing - 2032

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	lb/day										lb/day					
Off-Road	3.1896	18.7406	34.0286	0.0754		0.5643	0.5643		0.5643	0.5643						7,180.9239
Total	**3.1896**	**18.7406**	**34.0286**	**0.0754**		**0.5643**	**0.5643**		**0.5643**	**0.5643**						**7,180.9239**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0531	1.8286	0.5750	6.4600e-003	0.1793	1.9900e-003	0.1813	0.0516	1.9000e-003	0.0535						695.8346
Worker	1.0537	0.5103	7.1783	0.0323	4.6946	0.0221	4.7168	1.2450	0.0204	1.2654						3,223.1944
Total	**1.1068**	**2.3389**	**7.7534**	**0.0387**	**4.8739**	**0.0241**	**4.8980**	**1.2967**	**0.0223**	**1.3189**						**3,919.0290**

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	lb/day										lb/day					
Off-Road	1.0946	8.0064	40.1444	0.0754		0.1268	0.1268		0.1268	0.1268						7,180.9239
Total	**1.0946**	**8.0064**	**40.1444**	**0.0754**		**0.1268**	**0.1268**		**0.1268**	**0.1268**						**7,180.9239**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0531	1.8286	0.5750	6.4600e-003	0.1793	1.9900e-003	0.1813	0.0516	1.9000e-003	0.0535						695.8346
Worker	1.0537	0.5103	7.1783	0.0323	4.6946	0.0221	4.7168	1.2450	0.0204	1.2654						3,223.1944
Total	**1.1068**	**2.3389**	**7.7534**	**0.0387**	**4.8739**	**0.0241**	**4.8980**	**1.2967**	**0.0223**	**1.3189**						**3,919.0290**

3.25 Block 1 Demolition - 2033

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	lb/day										lb/day					
Fugitive Dust					1.3048	0.0000	1.3048	0.1976	0.0000	0.1976						0.0000
Off-Road	2.2871	11.6664	25.4649	0.0534		0.3773	0.3773		0.3773	0.3773						5,361.4409
Total	**2.2871**	**11.6664**	**25.4649**	**0.0534**	**1.3048**	**0.3773**	**1.6822**	**0.1976**	**0.3773**	**0.5749**						**5,361.4409**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.2625	6.9383	3.1802	0.0367	0.9636	0.0141	0.9776	0.2641	0.0134	0.2776						4,030.9794
Worker	0.0936	0.0446	0.6448	3.0200e-003	0.4471	1.9700e-003	0.4491	0.1186	1.8100e-003	0.1204						301.3459
Total	**0.3561**	**6.9829**	**3.8250**	**0.0397**	**1.4107**	**0.0160**	**1.4267**	**0.3827**	**0.0153**	**0.3980**						**4,332.3253**

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	lb/day										lb/day					
Fugitive Dust					0.5089	0.0000	0.5089	0.0771	0.0000	0.0771						0.0000
Off-Road	0.5655	2.4506	30.2132	0.0534		0.0754	0.0754		0.0754	0.0754						5,361.4408
Total	**0.5655**	**2.4506**	**30.2132**	**0.0534**	**0.5089**	**0.0754**	**0.5843**	**0.0771**	**0.0754**	**0.1525**						**5,361.4408**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.2625	6.9383	3.1802	0.0367	0.9636	0.0141	0.9776	0.2641	0.0134	0.2776						4,030.9794
Worker	0.0936	0.0446	0.6448	3.0200e-003	0.4471	1.9700e-003	0.4491	0.1186	1.8100e-003	0.1204						301.3459
Total	**0.3561**	**6.9829**	**3.8250**	**0.0397**	**1.4107**	**0.0160**	**1.4267**	**0.3827**	**0.0153**	**0.3980**						**4,332.3253**

3.26 Block 1 Grading - 2033

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	lb/day										lb/day					
Fugitive Dust					0.0947	0.0000	0.0947	0.0143	0.0000	0.0143						0.0000
Off-Road	4.0474	20.2341	47.7663	0.1173		0.5586	0.5586		0.5586	0.5586						11,131.6065
Total	**4.0474**	**20.2341**	**47.7663**	**0.1173**	**0.0947**	**0.5586**	**0.6532**	**0.0143**	**0.5586**	**0.5729**						**11,131.6065**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.6578	43.8211	20.0856	0.2319	6.0856	0.0887	6.1744	1.6682	0.0849	1.7531						25,458.8172
Worker	0.1873	0.0892	1.2896	6.0300e-003	0.8942	3.9400e-003	0.8982	0.2372	3.6300e-003	0.2408						602.6919
Total	**1.8451**	**43.9103**	**21.3752**	**0.2379**	**6.9798**	**0.0927**	**7.0725**	**1.9054**	**0.0885**	**1.9939**						**26,061.5091**

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	lb/day										lb/day					
Fugitive Dust					0.0369	0.0000	0.0369	5.5900e-003	0.0000	5.5900e-003						0.0000
Off-Road	1.5268	8.6406	59.4644	0.1173		0.1958	0.1958		0.1958	0.1958						11,131.6064
Total	**1.5268**	**8.6406**	**59.4644**	**0.1173**	**0.0369**	**0.1958**	**0.2327**	**5.5900e-003**	**0.1958**	**0.2014**						**11,131.6064**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.6578	43.8211	20.0856	0.2319	6.0856	0.0887	6.1744	1.6682	0.0849	1.7531						25,458.8172
Worker	0.1873	0.0892	1.2896	6.0300e-003	0.8942	3.9400e-003	0.8982	0.2372	3.6300e-003	0.2408						602.6919
Total	**1.8451**	**43.9103**	**21.3752**	**0.2379**	**6.9798**	**0.0927**	**7.0725**	**1.9054**	**0.0885**	**1.9939**						**26,061.5091**

3.27 Block 1 Foundation - 2033

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	lb/day										lb/day					
Off-Road	3.7861	22.4357	40.4315	0.0928		0.4874	0.4874		0.4874	0.4874						8,622.3383
Total	**3.7861**	**22.4357**	**40.4315**	**0.0928**		**0.4874**	**0.4874**		**0.4874**	**0.4874**						**8,622.3383**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.9545	76.7084	23.8315	0.2329	4.8395	0.0763	4.9158	1.3278	0.0730	1.4008						25,563.2044
Worker	1.4046	0.6690	9.6719	0.0453	6.7066	0.0296	6.7362	1.7786	0.0272	1.8058						4,520.1891
Total	**3.3592**	**77.3773**	**33.5034**	**0.2781**	**11.5461**	**0.1059**	**11.6519**	**3.1064**	**0.1002**	**3.2066**						**30,083.3935**

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	lb/day										lb/day					
Off-Road	1.6339	13.1323	47.8828	0.0928		0.1882	0.1882		0.1882	0.1882						8,622.3383
Total	**1.6339**	**13.1323**	**47.8828**	**0.0928**		**0.1882**	**0.1882**		**0.1882**	**0.1882**						**8,622.3383**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.9545	76.7084	23.8315	0.2329	4.8395	0.0763	4.9158	1.3278	0.0730	1.4008						25,563.2044
Worker	1.4046	0.6690	9.6719	0.0453	6.7066	0.0296	6.7362	1.7786	0.0272	1.8058						4,520.1891
Total	**3.3592**	**77.3773**	**33.5034**	**0.2781**	**11.5461**	**0.1059**	**11.6519**	**3.1064**	**0.1002**	**3.2066**						**30,083.3935**

3.27 Block 1 Foundation - 2034

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	lb/day										lb/day					
Off-Road	3.7861	22.4357	40.4315	0.0928		0.4874	0.4874		0.4874	0.4874						8,622.3383
Total	**3.7861**	**22.4357**	**40.4315**	**0.0928**		**0.4874**	**0.4874**		**0.4874**	**0.4874**						**8,622.3383**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.9502	76.3053	23.8919	0.2325	4.8396	0.0749	4.9145	1.3278	0.0716	1.3995						25,531.4714
Worker	1.3196	0.6187	9.1023	0.0445	6.7066	0.0276	6.7342	1.7786	0.0254	1.8040						4,445.8250
Total	**3.2698**	**76.9240**	**32.9942**	**0.2770**	**11.5462**	**0.1025**	**11.6487**	**3.1064**	**0.0970**	**3.2034**						**29,977.2964**

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	lb/day										lb/day					
Off-Road	1.6339	13.1323	47.8828	0.0928		0.1882	0.1882		0.1882	0.1882						8,622.3383
Total	**1.6339**	**13.1323**	**47.8828**	**0.0928**		**0.1882**	**0.1882**		**0.1882**	**0.1882**						**8,622.3383**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.9502	76.3053	23.8919	0.2325	4.8396	0.0749	4.9145	1.3278	0.0716	1.3995						25,531.4714
Worker	1.3196	0.6187	9.1023	0.0445	6.7066	0.0276	6.7342	1.7786	0.0254	1.8040						4,445.8250
Total	**3.2698**	**76.9240**	**32.9942**	**0.2770**	**11.5462**	**0.1025**	**11.6487**	**3.1064**	**0.0970**	**3.2034**						**29,977.2964**

3.28 Block 1 Building Construction - 2034

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	lb/day										lb/day					
Off-Road	3.7861	22.4357	40.4315	0.0928		0.4874	0.4874		0.4874	0.4874						8,622.3383
Total	**3.7861**	**22.4357**	**40.4315**	**0.0928**		**0.4874**	**0.4874**		**0.4874**	**0.4874**						**8,622.3383**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0600	2.0666	0.6527	7.3600e-003	0.2049	2.2200e-003	0.2071	0.0590	2.1200e-003	0.0611						792.9502
Worker	1.3196	0.6187	9.1023	0.0445	6.7066	0.0276	6.7342	1.7786	0.0254	1.8040						4,445.8250
Total	**1.3796**	**2.6853**	**9.7549**	**0.0519**	**6.9115**	**0.0298**	**6.9413**	**1.8376**	**0.0275**	**1.8651**						**5,238.7752**

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	lb/day										lb/day					
Off-Road	1.6339	13.1323	47.8828	0.0928		0.1882	0.1882		0.1882	0.1882						8,622.3383
Total	**1.6339**	**13.1323**	**47.8828**	**0.0928**		**0.1882**	**0.1882**		**0.1882**	**0.1882**						**8,622.3383**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0600	2.0666	0.6527	7.3600e-003	0.2049	2.2200e-003	0.2071	0.0590	2.1200e-003	0.0611						792.9502
Worker	1.3196	0.6187	9.1023	0.0445	6.7066	0.0276	6.7342	1.7786	0.0254	1.8040						4,445.8250
Total	**1.3796**	**2.6853**	**9.7549**	**0.0519**	**6.9115**	**0.0298**	**6.9413**	**1.8376**	**0.0275**	**1.8651**						**5,238.7752**

3.29 Block 1 Finishing - 2034

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	lb/day										lb/day					
Off-Road	3.5852	20.4161	36.8772	0.0863		0.6121	0.6121		0.6121	0.6121						8,216.8670
Total	**3.5852**	**20.4161**	**36.8772**	**0.0863**		**0.6121**	**0.6121**		**0.6121**	**0.6121**						**8,216.8670**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0600	2.0666	0.6527	7.3600e-003	0.2049	2.2200e-003	0.2071	0.0590	2.1200e-003	0.0611						792.9502
Worker	1.0117	0.4744	6.9784	0.0341	5.1417	0.0212	5.1629	1.3636	0.0195	1.3831						3,408.4658
Total	**1.0717**	**2.5409**	**7.6311**	**0.0415**	**5.3466**	**0.0234**	**5.3700**	**1.4226**	**0.0216**	**1.4442**						**4,201.4160**

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	lb/day										lb/day					
Off-Road	1.2245	9.3342	44.6680	0.0863		0.1414	0.1414		0.1414	0.1414						8,216.8670
Total	**1.2245**	**9.3342**	**44.6680**	**0.0863**		**0.1414**	**0.1414**		**0.1414**	**0.1414**						**8,216.8670**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0600	2.0666	0.6527	7.3600e-003	0.2049	2.2200e-003	0.2071	0.0590	2.1200e-003	0.0611						792.9502
Worker	1.0117	0.4744	6.9784	0.0341	5.1417	0.0212	5.1629	1.3636	0.0195	1.3831						3,408.4658
Total	**1.0717**	**2.5409**	**7.6311**	**0.0415**	**5.3466**	**0.0234**	**5.3700**	**1.4226**	**0.0216**	**1.4442**						**4,201.4160**

3.29 Block 1 Finishing - 2035

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	lb/day										lb/day					
Off-Road	3.1610	16.4088	36.7434	0.0863		0.3580	0.3580		0.3580	0.3580						8,215.8800
Total	**3.1610**	**16.4088**	**36.7434**	**0.0863**		**0.3580**	**0.3580**		**0.3580**	**0.3580**						**8,215.8800**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0597	2.0581	0.6504	7.3500e-003	0.2049	2.1900e-003	0.2071	0.0590	2.1000e-003	0.0611						792.2045
Worker	0.9580	0.4466	6.6204	0.0336	5.1417	0.0198	5.1615	1.3636	0.0182	1.3818						3,359.4849
Total	**1.0177**	**2.5046**	**7.2708**	**0.0410**	**5.3466**	**0.0220**	**5.3686**	**1.4226**	**0.0203**	**1.4429**						**4,151.6894**

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	lb/day										lb/day					
Off-Road	1.1931	9.2422	44.6402	0.0863		0.1246	0.1246		0.1246	0.1246						8,215.8800
Total	**1.1931**	**9.2422**	**44.6402**	**0.0863**		**0.1246**	**0.1246**		**0.1246**	**0.1246**						**8,215.8800**

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	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0597	2.0581	0.6504	7.3500e-003	0.2049	2.1900e-003	0.2071	0.0590	2.1000e-003	0.0611						792.2045
Worker	0.9580	0.4466	6.6204	0.0336	5.1417	0.0198	5.1615	1.3636	0.0182	1.3818						3,359.4849
Total	**1.0177**	**2.5046**	**7.2708**	**0.0410**	**5.3466**	**0.0220**	**5.3686**	**1.4226**	**0.0203**	**1.4429**						**4,151.6894**

District NoHo (2022-2023) Localized

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	13.32	580,374.00	0
Enclosed Parking with Elevator	3,313.00	Space	29.82	1,325,200.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	40.18	1,195,111.00	4367
Strip Mall	105.13	1000sqft	2.41	105,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

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Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific

Demolition - specific

Grading -

Construction Off-road Equipment Mitigation - MM

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tblTripsAndVMT	VendorTripNumber	493.00	0.00
tblTripsAndVMT	VendorTripNumber	493.00	0.00
tblTripsAndVMT	VendorTripNumber	493.00	0.00
tblTripsAndVMT	VendorTripNumber	493.00	0.00
tblTripsAndVMT	VendorTripNumber	493.00	0.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	25.00	0.00
tblTripsAndVMT	WorkerTripNumber	55.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	0.00
tblTripsAndVMT	WorkerTripNumber	65.00	0.00
tblTripsAndVMT	WorkerTripNumber	375.00	0.00
tblTripsAndVMT	WorkerTripNumber	48.00	0.00
tblTripsAndVMT	WorkerTripNumber	93.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	0.00

tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	35.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	0.00
tblTripsAndVMT	WorkerTripNumber	68.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	0.00
tblTripsAndVMT	WorkerTripNumber	50.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	55.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2022	14.7933	139.0996	142.2776	0.2860	4.1683	6.5738	9.9391	0.5390	6.2086	6.6260	0.0000	27,248.7454	27,248.7454	6.7900	0.0000	27,418.4946
2023	70.4183	130.9624	151.5458	0.2934	6.3224	5.7414	11.2308	0.9573	5.5128	5.7375	0.0000	27,449.8785	27,449.8785	5.7725	0.0000	27,593.4164
Maximum	**70.4183**	**139.0996**	**151.5458**	**0.2934**	**6.3224**	**6.5738**	**11.2308**	**0.9573**	**6.2086**	**6.6260**	**0.0000**	**27,449.8785**	**27,449.8785**	**6.7900**	**0.0000**	**27,593.4164**

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	lb/day										lb/day					
2022	4.5841	25.5483	170.5975	0.2860	1.6257	0.7287	2.1405	0.2102	0.7287	0.8915	0.0000	27,248.7454	27,248.7454	6.7900	0.0000	27,418.4946
2023	62.2403	50.1275	177.2825	0.2934	2.4658	1.3595	3.5161	0.3733	1.3595	1.4471	0.0000	27,449.8785	27,449.8785	5.7725	0.0000	27,593.4164
Maximum	**62.2403**	**50.1275**	**177.2825**	**0.2934**	**2.4658**	**1.3595**	**3.5161**	**0.3733**	**1.3595**	**1.4471**	**0.0000**	**27,449.8785**	**27,449.8785**	**6.7900**	**0.0000**	**27,593.4164**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**21.58**	**71.98**	**-18.40**	**0.00**	**61.00**	**83.04**	**73.28**	**61.00**	**82.19**	**81.09**	**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	West Lot Demolition	Demolition	1/1/2022	2/28/2022	5	41	
2	East Lot Grading	Grading	1/1/2022	1/31/2022	5	21	
3	East Lot Building Construction	Building Construction	2/1/2022	4/29/2022	5	64	
4	West Lot Grading	Grading	3/1/2022	4/30/2022	5	44	
5	Block 0 Demolition	Demolition	5/1/2022	6/30/2022	5	44	

6	West Lot Foundation	Trenching	5/1/2022	8/30/2022	5	87	
7	Block 0 Grading	Grading	7/1/2022	11/30/2022	5	109	
8	West Lot Building Construction	Building Construction	9/1/2022	10/31/2022	5	43	
9	Block 7 Demolition	Demolition	10/1/2022	10/31/2022	5	21	
10	Block 8 Demolition	Demolition	11/1/2022	12/30/2022	5	44	
11	Block 7 Grading	Grading	11/1/2022	3/31/2023	5	109	
12	West Lot Finishing	Building Construction	11/1/2022	12/31/2022	5	44	
13	Block 0 Building Construction	Building Construction	12/1/2022	7/31/2023	5	173	
14	Block 8 Grading	Grading	1/1/2023	6/30/2023	5	130	
15	Block 0&7 Finishing	Architectural Coating	1/1/2023	12/31/2023	5	260	
16	Block 7 Foundation	Trenching	4/1/2023	6/30/2023	5	65	
17	Block 8 Foundation	Trenching	7/1/2023	10/31/2023	5	87	
18	Block 7 Building Construction	Building Construction	7/1/2023	12/31/2023	5	130	
19	Block 5/6 Demolition	Demolition	11/1/2023	11/30/2023	5	22	
20	Block 8 Building Construction	Building Construction	11/1/2023	12/31/2023	5	43	
21	Block 5/6 Grading	Grading	12/1/2023	12/29/2023	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 29.82

Residential Indoor: 2,420,100; Residential Outdoor: 806,700; Non-Residential Indoor: 1,028,249; Non-Residential Outdoor: 342,750;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
West Lot Demolition	Air Compressors	1	8.00	78	0.48
West Lot Demolition	Concrete/Industrial Saws	2	4.00	81	0.73
West Lot Demolition	Cranes	1	10.00	231	0.29
West Lot Demolition	Excavators	1	8.00	158	0.38
West Lot Demolition	Forklifts	1	8.00	89	0.20
West Lot Demolition	Generator Sets	1	8.00	84	0.74
West Lot Demolition	Other Construction Equipment	1	8.00	172	0.42
West Lot Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
West Lot Demolition	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Demolition	Scrapers	1	8.00	367	0.48
West Lot Demolition	Signal Boards	1	8.00	6	0.82
West Lot Demolition	Skid Steer Loaders	1	8.00	65	0.37
East Lot Grading	Air Compressors	1	8.00	78	0.48
East Lot Grading	Cement and Mortar Mixers	1	8.00	9	0.56
East Lot Grading	Concrete/Industrial Saws	1	4.00	81	0.73
East Lot Grading	Excavators	0	8.00	158	0.38
East Lot Grading	Forklifts	1	8.00	89	0.20
East Lot Grading	Generator Sets	1	8.00	84	0.74
East Lot Grading	Graders	0	8.00	187	0.41
East Lot Grading	Other Construction Equipment	1	8.00	172	0.42
East Lot Grading	Paving Equipment	1	8.00	132	0.36
East Lot Grading	Plate Compactors	1	8.00	8	0.43
East Lot Grading	Rollers	1	8.00	80	0.38
East Lot Grading	Rough Terrain Forklifts	1	8.00	100	0.40
East Lot Grading	Rubber Tired Dozers	0	8.00	247	0.40
East Lot Grading	Rubber Tired Loaders	1	8.00	203	0.36

East Lot Grading	Scrapers	1	8.00	367	0.48
East Lot Grading	Skid Steer Loaders	1	8.00	65	0.37
East Lot Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
East Lot Grading	Welders	1	8.00	46	0.45
East Lot Building Construction	Aerial Lifts	4	8.00	63	0.31
East Lot Building Construction	Air Compressors	1	8.00	78	0.48
East Lot Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
East Lot Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
East Lot Building Construction	Cranes	0	7.00	231	0.29
East Lot Building Construction	Forklifts	4	8.00	89	0.20
East Lot Building Construction	Generator Sets	1	8.00	84	0.74
East Lot Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
East Lot Building Construction	Welders	1	8.00	46	0.45
West Lot Grading	Air Compressors	1	8.00	78	0.48
West Lot Grading	Bore/Drill Rigs	2	8.00	221	0.50
West Lot Grading	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Grading	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Grading	Excavators	2	8.00	158	0.38
West Lot Grading	Forklifts	1	8.00	89	0.20
West Lot Grading	Generator Sets	1	8.00	84	0.74
West Lot Grading	Graders	0	8.00	187	0.41
West Lot Grading	Other Construction Equipment	1	8.00	172	0.42
West Lot Grading	Pumps	1	8.00	84	0.74
West Lot Grading	Rough Terrain Forklifts	1	8.00	100	0.40
West Lot Grading	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Grading	Rubber Tired Loaders	1	8.00	203	0.36
West Lot Grading	Scrapers	0	8.00	367	0.48
West Lot Grading	Signal Boards	2	8.00	6	0.82
West Lot Grading	Skid Steer Loaders	1	8.00	65	0.37
West Lot Grading	Surfacing Equipment	1	8.00	263	0.30
West Lot Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
West Lot Grading	Trenchers	1	8.00	78	0.50
West Lot Grading	Welders	1	8.00	46	0.45
Block 0 Demolition	Air Compressors	1	8.00	78	0.48
Block 0 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 0 Demolition	Excavators	1	8.00	158	0.38
Block 0 Demolition	Forklifts	1	8.00	89	0.20
Block 0 Demolition	Generator Sets	1	8.00	84	0.74
Block 0 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 0 Demolition	Pavers	0	8.00	130	0.42
Block 0 Demolition	Paving Equipment	0	8.00	132	0.36
Block 0 Demolition	Rollers	0	8.00	80	0.38
Block 0 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Block 0 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 0 Demolition	Trenchers	1	8.00	78	0.50
West Lot Foundation	Aerial Lifts	4	8.00	63	0.31
West Lot Foundation	Air Compressors	2	8.00	78	0.48
West Lot Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Foundation	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Foundation	Cranes	2	10.00	231	0.29
West Lot Foundation	Forklifts	2	8.00	89	0.20

West Lot Foundation	Generator Sets	1	8.00	84	0.74
West Lot Foundation	Pumps	1	8.00	84	0.74
West Lot Foundation	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Foundation	Signal Boards	2	8.00	6	0.82
West Lot Foundation	Skid Steer Loaders	1	8.00	65	0.37
West Lot Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
West Lot Foundation	Welders	1	8.00	46	0.45
Block 0 Grading	Air Compressors	1	8.00	78	0.48
Block 0 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 0 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 0 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 0 Grading	Excavators	0	8.00	158	0.38
Block 0 Grading	Forklifts	1	8.00	89	0.20
Block 0 Grading	Generator Sets	1	8.00	84	0.74
Block 0 Grading	Graders	2	8.00	187	0.41
Block 0 Grading	Other Construction Equipment	1	4.00	172	0.42
Block 0 Grading	Pavers	1	8.00	130	0.42
Block 0 Grading	Paving Equipment	1	8.00	132	0.36
Block 0 Grading	Plate Compactors	1	8.00	8	0.43
Block 0 Grading	Pumps	1	8.00	84	0.74
Block 0 Grading	Rollers	1	8.00	80	0.38
Block 0 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 0 Grading	Scrapers	1	8.00	367	0.48
Block 0 Grading	Signal Boards	2	8.00	6	0.82
Block 0 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 0 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 0 Grading	Trenchers	1	8.00	78	0.50
Block 0 Grading	Welders	1	8.00	46	0.45
West Lot Building Construction	Aerial Lifts	4	8.00	63	0.31
West Lot Building Construction	Air Compressors	2	8.00	78	0.48
West Lot Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Building Construction	Cranes	2	10.00	231	0.29
West Lot Building Construction	Forklifts	2	8.00	89	0.20
West Lot Building Construction	Generator Sets	1	8.00	84	0.74
West Lot Building Construction	Pumps	1	8.00	84	0.74
West Lot Building Construction	Signal Boards	2	8.00	6	0.82
West Lot Building Construction	Skid Steer Loaders	1	8.00	65	0.37
West Lot Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
West Lot Building Construction	Welders	1	8.00	46	0.45
Block 7 Demolition	Air Compressors	1	8.00	78	0.48
Block 7 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 7 Demolition	Excavators	1	8.00	158	0.38
Block 7 Demolition	Forklifts	1	8.00	89	0.20
Block 7 Demolition	Generator Sets	1	8.00	84	0.74
Block 7 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 7 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 7 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 7 Demolition	Scrapers	1	8.00	367	0.48
Block 7 Demolition	Trenchers	1	8.00	78	0.50
Block 8 Demolition	Air Compressors	1	8.00	78	0.48

Block 8 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 8 Demolition	Excavators	1	8.00	158	0.38
Block 8 Demolition	Forklifts	1	8.00	89	0.20
Block 8 Demolition	Generator Sets	1	8.00	84	0.74
Block 8 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 8 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 8 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 8 Demolition	Scrapers	1	8.00	367	0.48
Block 8 Demolition	Signal Boards	1	8.00	6	0.82
Block 8 Demolition	Trenchers	1	8.00	78	0.50
Block 7 Grading	Air Compressors	1	8.00	78	0.48
Block 7 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 7 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Grading	Excavators	2	8.00	158	0.38
Block 7 Grading	Forklifts	1	8.00	89	0.20
Block 7 Grading	Generator Sets	1	8.00	84	0.74
Block 7 Grading	Graders	0	8.00	187	0.41
Block 7 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 7 Grading	Pumps	1	8.00	84	0.74
Block 7 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 7 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 7 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 7 Grading	Scrapers	0	8.00	367	0.48
Block 7 Grading	Signal Boards	2	8.00	6	0.82
Block 7 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 7 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 7 Grading	Trenchers	1	8.00	78	0.50
Block 7 Grading	Welders	2	8.00	46	0.45
West Lot Finishing	Aerial Lifts	4	8.00	63	0.31
West Lot Finishing	Air Compressors	0	6.00	78	0.48
West Lot Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Finishing	Cranes	0	7.00	231	0.29
West Lot Finishing	Forklifts	2	8.00	89	0.20
West Lot Finishing	Generator Sets	0	8.00	84	0.74
West Lot Finishing	Pavers	1	8.00	130	0.42
West Lot Finishing	Paving Equipment	1	8.00	132	0.36
West Lot Finishing	Plate Compactors	1	8.00	8	0.43
West Lot Finishing	Pumps	1	8.00	84	0.74
West Lot Finishing	Rollers	1	8.00	80	0.38
West Lot Finishing	Signal Boards	1	8.00	6	0.82
West Lot Finishing	Surfacing Equipment	1	8.00	263	0.30
West Lot Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
West Lot Finishing	Trenchers	1	8.00	78	0.50
West Lot Finishing	Welders	0	8.00	46	0.45
Block 0 Building Construction	Aerial Lifts	1	8.00	63	0.31
Block 0 Building Construction	Air Compressors	1	8.00	78	0.48
Block 0 Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Block 0 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 0 Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73

Block 0 Building Construction	Cranes	2	10.00	231	0.29
Block 0 Building Construction	Forklifts	1	8.00	89	0.20
Block 0 Building Construction	Generator Sets	0	8.00	84	0.74
Block 0 Building Construction	Other Construction Equipment	1	4.00	172	0.42
Block 0 Building Construction	Plate Compactors	1	8.00	8	0.43
Block 0 Building Construction	Pumps	1	8.00	84	0.74
Block 0 Building Construction	Signal Boards	1	8.00	6	0.82
Block 0 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 0 Building Construction	Welders	1	8.00	46	0.45
Block 8 Grading	Air Compressors	1	8.00	78	0.48
Block 8 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 8 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 8 Grading	Excavators	3	8.00	158	0.38
Block 8 Grading	Forklifts	1	8.00	89	0.20
Block 8 Grading	Generator Sets	1	8.00	84	0.74
Block 8 Grading	Graders	0	8.00	187	0.41
Block 8 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 8 Grading	Pumps	1	8.00	84	0.74
Block 8 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 8 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 8 Grading	Scrapers	0	8.00	367	0.48
Block 8 Grading	Signal Boards	2	8.00	6	0.82
Block 8 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 8 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 8 Grading	Trenchers	1	8.00	78	0.50
Block 8 Grading	Welders	4	8.00	46	0.45
Block 0&7 Finishing	Aerial Lifts	0	8.00	63	0.31
Block 0&7 Finishing	Air Compressors	0	6.00	78	0.48
Block 0&7 Finishing	Concrete/Industrial Saws	0	4.00	81	0.73
Block 0&7 Finishing	Cranes	0	10.00	231	0.29
Block 0&7 Finishing	Forklifts	0	8.00	89	0.20
Block 0&7 Finishing	Other Construction Equipment	0	4.00	172	0.42
Block 0&7 Finishing	Pavers	0	8.00	130	0.42
Block 0&7 Finishing	Paving Equipment	0	8.00	132	0.36
Block 0&7 Finishing	Plate Compactors	0	8.00	8	0.43
Block 0&7 Finishing	Pumps	0	8.00	84	0.74
Block 0&7 Finishing	Rollers	0	8.00	80	0.38
Block 0&7 Finishing	Signal Boards	0	8.00	6	0.82
Block 0&7 Finishing	Surfacing Equipment	0	8.00	263	0.30
Block 0&7 Finishing	Trenchers	0	8.00	78	0.50
Block 0&7 Finishing	Welders	0	8.00	46	0.45
Block 7 Foundation	Aerial Lifts	3	8.00	63	0.31
Block 7 Foundation	Air Compressors	2	8.00	78	0.48
Block 7 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Foundation	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Foundation	Cranes	1	10.00	231	0.29
Block 7 Foundation	Forklifts	3	8.00	89	0.20
Block 7 Foundation	Generator Sets	1	8.00	84	0.74
Block 7 Foundation	Pumps	1	8.00	84	0.74

Block 7 Foundation	Signal Boards	1	8.00	6	0.82
Block 7 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Foundation	Welders	3	8.00	46	0.45
Block 8 Foundation	Aerial Lifts	8	8.00	63	0.31
Block 8 Foundation	Air Compressors	2	8.00	78	0.48
Block 8 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Foundation	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Foundation	Cranes	4	10.00	231	0.29
Block 8 Foundation	Forklifts	3	8.00	89	0.20
Block 8 Foundation	Generator Sets	1	8.00	84	0.74
Block 8 Foundation	Pumps	1	8.00	84	0.74
Block 8 Foundation	Signal Boards	1	8.00	6	0.82
Block 8 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Foundation	Welders	10	8.00	46	0.45
Block 7 Building Construction	Aerial Lifts	3	8.00	63	0.31
Block 7 Building Construction	Air Compressors	2	8.00	78	0.48
Block 7 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Building Construction	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Building Construction	Cranes	1	10.00	231	0.29
Block 7 Building Construction	Forklifts	3	8.00	89	0.20
Block 7 Building Construction	Generator Sets	1	8.00	84	0.74
Block 7 Building Construction	Pumps	1	8.00	84	0.74
Block 7 Building Construction	Signal Boards	1	8.00	6	0.82
Block 7 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 7 Building Construction	Welders	3	8.00	46	0.45
Block 5/6 Demolition	Air Compressors	1	8.00	78	0.48
Block 5/6 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 5/6 Demolition	Excavators	1	8.00	158	0.38
Block 5/6 Demolition	Forklifts	1	8.00	89	0.20
Block 5/6 Demolition	Generator Sets	1	8.00	84	0.74
Block 5/6 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Demolition	Scrapers	1	8.00	367	0.48
Block 5/6 Demolition	Trenchers	1	8.00	78	0.50
Block 8 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 8 Building Construction	Air Compressors	2	8.00	78	0.48
Block 8 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Building Construction	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Building Construction	Cranes	4	10.00	231	0.29
Block 8 Building Construction	Forklifts	3	8.00	89	0.20
Block 8 Building Construction	Generator Sets	1	8.00	84	0.74
Block 8 Building Construction	Pumps	1	8.00	84	0.74
Block 8 Building Construction	Signal Boards	1	8.00	6	0.82
Block 8 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Building Construction	Welders	10	8.00	46	0.45
Block 5/6 Grading	Air Compressors	1	8.00	78	0.48
Block 5/6 Grading	Bore/Drill Rigs	4	8.00	221	0.50
Block 5/6 Grading	Cement and Mortar Mixers	1	8.00	9	0.56

Block 5/6 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Grading	Excavators	3	8.00	158	0.38
Block 5/6 Grading	Forklifts	1	8.00	89	0.20
Block 5/6 Grading	Generator Sets	1	8.00	84	0.74
Block 5/6 Grading	Graders	0	8.00	187	0.41
Block 5/6 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Grading	Pumps	1	8.00	84	0.74
Block 5/6 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 5/6 Grading	Scrapers	0	8.00	367	0.48
Block 5/6 Grading	Signal Boards	2	8.00	6	0.82
Block 5/6 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 5/6 Grading	Trenchers	1	8.00	78	0.50
Block 5/6 Grading	Welders	3	8.00	46	0.45

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
West Lot Demolition	12	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
East Lot Grading	14	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
East Lot Building Construction	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
West Lot Grading	20	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 0 Demolition	9	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Foundation	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 0 Grading	22	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Building Construction	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 7 Demolition	9	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Demolition	10	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 7 Grading	22	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Finishing	15	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 0 Building Construction	14	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Grading	26	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 0&7 Finishing	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 7 Foundation	19	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Foundation	37	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 7 Building Construction	20	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Demolition	9	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Building Construction	37	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Grading	27	0.00	0.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 West Lot Demolition - 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	lb/day										lb/day					
Fugitive Dust					0.7829	0.0000	0.7829	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1767	31.1965	30.9057	0.0583		1.4273	1.4273		1.3467	1.3467		5,589.6318	5,589.6318	1.3688		5,623.8514
Total	**3.1767**	**31.1965**	**30.9057**	**0.0583**	**0.7829**	**1.4273**	**2.2102**	**0.1185**	**1.3467**	**1.4652**		**5,589.6318**	**5,589.6318**	**1.3688**		**5,623.8514**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.3053	0.0000	0.3053	0.0462	0.0000	0.0462			0.0000			0.0000
Off-Road	0.7524	4.3129	34.7171	0.0583		0.1033	0.1033		0.1033	0.1033	0.0000	5,589.6318	5,589.6318	1.3688		5,623.8514
Total	**0.7524**	**4.3129**	**34.7171**	**0.0583**	**0.3053**	**0.1033**	**0.4086**	**0.0462**	**0.1033**	**0.1495**	**0.0000**	**5,589.6318**	**5,589.6318**	**1.3688**		**5,623.8514**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.3 East Lot Grading - 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	lb/day										lb/day					
Fugitive Dust					1.0645	0.0000	1.0645	0.1151	0.0000	0.1151			0.0000			0.0000
Off-Road	3.2833	31.0001	31.3041	0.0588		1.4088	1.4088		1.3296	1.3296		5,592.1426	5,592.1426	1.3992		5,627.1216
Total	**3.2833**	**31.0001**	**31.3041**	**0.0588**	**1.0645**	**1.4088**	**2.4734**	**0.1151**	**1.3296**	**1.4447**		**5,592.1426**	**5,592.1426**	**1.3992**		**5,627.1216**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.4152	0.0000	0.4152	0.0449	0.0000	0.0449			0.0000			0.0000
Off-Road	1.0069	5.6822	35.2443	0.0588		0.1643	0.1643		0.1643	0.1643	0.0000	5,592.1426	5,592.1426	1.3992		5,627.1216
Total	**1.0069**	**5.6822**	**35.2443**	**0.0588**	**0.4152**	**0.1643**	**0.5795**	**0.0449**	**0.1643**	**0.2092**	**0.0000**	**5,592.1426**	**5,592.1426**	**1.3992**		**5,627.1216**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.4 East Lot 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	lb/day										lb/day					
Off-Road	1.7157	14.4986	18.9216	0.0298		0.7303	0.7303		0.7046	0.7046		2,795.2277	2,795.2277	0.5022		2,807.7815
Total	**1.7157**	**14.4986**	**18.9216**	**0.0298**		**0.7303**	**0.7303**		**0.7046**	**0.7046**		**2,795.2277**	**2,795.2277**	**0.5022**		**2,807.7815**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	0.7129	6.5251	20.1773	0.0298		0.1175	0.1175		0.1175	0.1175	0.0000	2,795.2277	2,795.2277	0.5022		2,807.7815
Total	**0.7129**	**6.5251**	**20.1773**	**0.0298**		**0.1175**	**0.1175**		**0.1175**	**0.1175**	**0.0000**	**2,795.2277**	**2,795.2277**	**0.5022**		**2,807.7815**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.5 West Lot Grading - 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	lb/day										lb/day					
Fugitive Dust					0.0154	0.0000	0.0154	2.3400e-003	0.0000	2.3400e-003			0.0000			0.0000
Off-Road	4.1118	37.3386	41.6897	0.0869		1.7762	1.7762		1.6815	1.6815		8,270.5620	8,270.5620	2.0816		8,322.6025
Total	**4.1118**	**37.3386**	**41.6897**	**0.0869**	**0.0154**	**1.7762**	**1.7916**	**2.3400e-003**	**1.6815**	**1.6838**		**8,270.5620**	**8,270.5620**	**2.0816**		**8,322.6025**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					6.0100e-003	0.0000	6.0100e-003	9.1000e-004	0.0000	9.1000e-004			0.0000			0.0000
Off-Road	1.4422	7.7902	52.3423	0.0869		0.2350	0.2350		0.2350	0.2350	0.0000	8,270.5620	8,270.5620	2.0816		8,322.6024
Total	**1.4422**	**7.7902**	**52.3423**	**0.0869**	**6.0100e-003**	**0.2350**	**0.2410**	**9.1000e-004**	**0.2350**	**0.2359**	**0.0000**	**8,270.5620**	**8,270.5620**	**2.0816**		**8,322.6024**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.6 Block 0 Demolition - 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	lb/day										lb/day					
Fugitive Dust					0.9727	0.0000	0.9727	0.1473	0.0000	0.1473			0.0000			0.0000
Off-Road	2.8392	26.7028	24.7745	0.0416		1.4328	1.4328		1.3446	1.3446		3,996.2321	3,996.2321	0.9440		4,019.8308
Total	**2.8392**	**26.7028**	**24.7745**	**0.0416**	**0.9727**	**1.4328**	**2.4054**	**0.1473**	**1.3446**	**1.4919**		**3,996.2321**	**3,996.2321**	**0.9440**		**4,019.8308**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.3794	0.0000	0.3794	0.0574	0.0000	0.0574			0.0000			0.0000
Off-Road	0.4793	2.0770	26.9433	0.0416		0.0639	0.0639		0.0639	0.0639	0.0000	3,996.2320	3,996.2320	0.9440		4,019.8308
Total	**0.4793**	**2.0770**	**26.9433**	**0.0416**	**0.3794**	**0.0639**	**0.4433**	**0.0574**	**0.0639**	**0.1214**	**0.0000**	**3,996.2320**	**3,996.2320**	**0.9440**		**4,019.8308**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.7 West Lot Foundation - 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	lb/day										lb/day					
Off-Road	3.2299	29.3437	29.4841	0.0551		1.3519	1.3519		1.2999	1.2999		5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**3.2299**	**29.3437**	**29.4841**	**0.0551**		**1.3519**	**1.3519**		**1.2999**	**1.2999**		**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	1.1234	9.4676	33.0235	0.0551		0.1815	0.1815		0.1815	0.1815	0.0000	5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**1.1234**	**9.4676**	**33.0235**	**0.0551**		**0.1815**	**0.1815**		**0.1815**	**0.1815**	**0.0000**	**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.8 Block 0 Grading - 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	lb/day										lb/day					
Fugitive Dust					2.1303	0.0000	2.1303	0.2304	0.0000	0.2304			0.0000			0.0000
Off-Road	5.3010	51.4406	44.8769	0.1020		2.2794	2.2794		2.1513	2.1513		9,717.8105	9,717.8105	2.4624		9,779.3715
Total	**5.3010**	**51.4406**	**44.8769**	**0.1020**	**2.1303**	**2.2794**	**4.4098**	**0.2304**	**2.1513**	**2.3817**		**9,717.8105**	**9,717.8105**	**2.4624**		**9,779.3715**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.8308	0.0000	0.8308	0.0899	0.0000	0.0899			0.0000			0.0000
Off-Road	1.5886	7.4828	56.1540	0.1020		0.2579	0.2579		0.2579	0.2579	0.0000	9,717.8105	9,717.8105	2.4624		9,779.3715
Total	**1.5886**	**7.4828**	**56.1540**	**0.1020**	**0.8308**	**0.2579**	**1.0888**	**0.0899**	**0.2579**	**0.3478**	**0.0000**	**9,717.8105**	**9,717.8105**	**2.4624**		**9,779.3715**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.9 West Lot 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	lb/day										lb/day					
Off-Road	3.2299	29.3437	29.4841	0.0551		1.3519	1.3519		1.2999	1.2999		5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**3.2299**	**29.3437**	**29.4841**	**0.0551**		**1.3519**	**1.3519**		**1.2999**	**1.2999**		**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	1.1234	9.4676	33.0235	0.0551		0.1815	0.1815		0.1815	0.1815	0.0000	5,193.5591	5,193.5591	0.9895		5,218.2970
Total	**1.1234**	**9.4676**	**33.0235**	**0.0551**		**0.1815**	**0.1815**		**0.1815**	**0.1815**	**0.0000**	**5,193.5591**	**5,193.5591**	**0.9895**		**5,218.2970**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.10 Block 7 Demolition - 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	lb/day										lb/day					
Fugitive Dust					2.0380	0.0000	2.0380	0.3086	0.0000	0.3086			0.0000			0.0000
Off-Road	2.7685	26.6573	27.6187	0.0486		1.3260	1.3260		1.2464	1.2464		4,672.0061	4,672.0061	1.1625		4,701.0688
Total	**2.7685**	**26.6573**	**27.6187**	**0.0486**	**2.0380**	**1.3260**	**3.3640**	**0.3086**	**1.2464**	**1.5550**		**4,672.0061**	**4,672.0061**	**1.1625**		**4,701.0688**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.7948	0.0000	0.7948	0.1203	0.0000	0.1203			0.0000			0.0000
Off-Road	0.5655	2.4506	30.2132	0.0486		0.0754	0.0754		0.0754	0.0754	0.0000	4,672.0061	4,672.0061	1.1625		4,701.0688
Total	**0.5655**	**2.4506**	**30.2132**	**0.0486**	**0.7948**	**0.0754**	**0.8702**	**0.1203**	**0.0754**	**0.1957**	**0.0000**	**4,672.0061**	**4,672.0061**	**1.1625**		**4,701.0688**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.11 Block 8 Demolition - 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	lb/day										lb/day					
Fugitive Dust					1.2159	0.0000	1.2159	0.1841	0.0000	0.1841			0.0000			0.0000
Off-Road	2.8259	27.0167	27.9197	0.0492		1.3400	1.3400		1.2604	1.2604		4,721.3198	4,721.3198	1.1676		4,750.5105
Total	**2.8259**	**27.0167**	**27.9197**	**0.0492**	**1.2159**	**1.3400**	**2.5558**	**0.1841**	**1.2604**	**1.4445**		**4,721.3198**	**4,721.3198**	**1.1676**		**4,750.5105**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.4742	0.0000	0.4742	0.0718	0.0000	0.0718			0.0000			0.0000
Off-Road	0.6229	2.8100	30.5142	0.0492		0.0894	0.0894		0.0894	0.0894	0.0000	4,721.3198	4,721.3198	1.1676		4,750.5105
Total	**0.6229**	**2.8100**	**30.5142**	**0.0492**	**0.4742**	**0.0894**	**0.5636**	**0.0718**	**0.0894**	**0.1612**	**0.0000**	**4,721.3198**	**4,721.3198**	**1.1676**		**4,750.5105**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.12 Block 7 Grading - 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	lb/day										lb/day					
Fugitive Dust					0.0192	0.0000	0.0192	2.9100e-003	0.0000	2.9100e-003			0.0000			0.0000
Off-Road	4.5674	40.2021	45.2179	0.0925		1.9151	1.9151		1.8205	1.8205		8,774.3721	8,774.3721	2.1226		8,827.4373
Total	**4.5674**	**40.2021**	**45.2179**	**0.0925**	**0.0192**	**1.9151**	**1.9343**	**2.9100e-003**	**1.8205**	**1.8234**		**8,774.3721**	**8,774.3721**	**2.1226**		**8,827.4373**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					7.4900e-003	0.0000	7.4900e-003	1.1300e-003	0.0000	1.1300e-003			0.0000			0.0000
Off-Road	1.7502	9.3887	55.9674	0.0925		0.3031	0.3031		0.3031	0.3031	0.0000	8,774.3721	8,774.3721	2.1226		8,827.4373
Total	**1.7502**	**9.3887**	**55.9674**	**0.0925**	**7.4900e-003**	**0.3031**	**0.3106**	**1.1300e-003**	**0.3031**	**0.3042**	**0.0000**	**8,774.3721**	**8,774.3721**	**2.1226**		**8,827.4373**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.12 Block 7 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0192	0.0000	0.0192	2.9100e-003	0.0000	2.9100e-003			0.0000			0.0000
Off-Road	4.2863	37.0329	45.0864	0.0926		1.7009	1.7009		1.6159	1.6159		8,778.5886	8,778.5886	2.1090		8,831.3136
Total	**4.2863**	**37.0329**	**45.0864**	**0.0926**	**0.0192**	**1.7009**	**1.7201**	**2.9100e-003**	**1.6159**	**1.6188**		**8,778.5886**	**8,778.5886**	**2.1090**		**8,831.3136**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					7.4900e-003	0.0000	7.4900e-003	1.1300e-003	0.0000	1.1300e-003			0.0000			0.0000
Off-Road	1.7057	9.3040	55.9315	0.0926		0.2856	0.2856		0.2856	0.2856	0.0000	8,778.5886	8,778.5886	2.1090		8,831.3136
Total	**1.7057**	**9.3040**	**55.9315**	**0.0926**	**7.4900e-003**	**0.2856**	**0.2930**	**1.1300e-003**	**0.2856**	**0.2867**	**0.0000**	**8,778.5886**	**8,778.5886**	**2.1090**		**8,831.3136**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.13 West Lot Finishing - 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	lb/day										lb/day					
Off-Road	2.0990	20.4402	24.2632	0.0422		1.0392	1.0392		0.9764	0.9764		4,035.2430	4,035.2430	1.0373		4,061.1754
Total	**2.0990**	**20.4402**	**24.2632**	**0.0422**		**1.0392**	**1.0392**		**0.9764**	**0.9764**		**4,035.2430**	**4,035.2430**	**1.0373**		**4,061.1754**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	0.6224	5.8668	27.9620	0.0422		0.0783	0.0783		0.0783	0.0783	0.0000	4,035.2430	4,035.2430	1.0373		4,061.1754
Total	**0.6224**	**5.8668**	**27.9620**	**0.0422**		**0.0783**	**0.0783**		**0.0783**	**0.0783**	**0.0000**	**4,035.2430**	**4,035.2430**	**1.0373**		**4,061.1754**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.14 Block 0 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	lb/day										lb/day					
Off-Road	2.8954	26.6147	23.7659	0.0514		1.2187	1.2187		1.1565	1.1565		4,858.1100	4,858.1100	1.1531		4,886.9380
Total	**2.8954**	**26.6147**	**23.7659**	**0.0514**		**1.2187**	**1.2187**		**1.1565**	**1.1565**		**4,858.1100**	**4,858.1100**	**1.1531**		**4,886.9380**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	0.9601	5.4131	28.6552	0.0514		0.1651	0.1651		0.1651	0.1651	0.0000	4,858.1100	4,858.1100	1.1531		4,886.9380
Total	**0.9601**	**5.4131**	**28.6552**	**0.0514**		**0.1651**	**0.1651**		**0.1651**	**0.1651**	**0.0000**	**4,858.1100**	**4,858.1100**	**1.1531**		**4,886.9380**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.14 Block 0 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7173	24.5076	23.5549	0.0514		1.0848	1.0848		1.0289	1.0289		4,860.2278	4,860.2278	1.1448		4,888.8473
Total	**2.7173**	**24.5076**	**23.5549**	**0.0514**		**1.0848**	**1.0848**		**1.0289**	**1.0289**		**4,860.2278**	**4,860.2278**	**1.1448**		**4,888.8473**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	0.9378	5.3708	28.6372	0.0514		0.1563	0.1563		0.1563	0.1563	0.0000	4,860.2278	4,860.2278	1.1448		4,888.8473
Total	**0.9378**	**5.3708**	**28.6372**	**0.0514**		**0.1563**	**0.1563**		**0.1563**	**0.1563**	**0.0000**	**4,860.2278**	**4,860.2278**	**1.1448**		**4,888.8473**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.15 Block 8 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1309	0.0000	0.1309	0.0198	0.0000	0.0198			0.0000			0.0000
Off-Road	5.2601	43.3549	53.2743	0.1120		1.9722	1.9722		1.8794	1.8794		10,571.5824	10,571.5824	2.5187		10,634.5502
Total	**5.2601**	**43.3549**	**53.2743**	**0.1120**	**0.1309**	**1.9722**	**2.1031**	**0.0198**	**1.8794**	**1.8992**		**10,571.5824**	**10,571.5824**	**2.5187**		**10,634.5502**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.0511	0.0000	0.0511	7.7300e-003	0.0000	7.7300e-003			0.0000			0.0000
Off-Road	2.3840	12.8792	66.8120	0.1120		0.4184	0.4184		0.4184	0.4184	0.0000	10,571.5824	10,571.5824	2.5187		10,634.5502
Total	**2.3840**	**12.8792**	**66.8120**	**0.1120**	**0.0511**	**0.4184**	**0.4695**	**7.7300e-003**	**0.4184**	**0.4261**	**0.0000**	**10,571.5824**	**10,571.5824**	**2.5187**		**10,634.5502**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.16 Block 0&7 Finishing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.6201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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	**54.6201**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Archit. Coating	54.6201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	**54.6201**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.17 Block 7 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2738	26.6294	31.9136	0.0553		1.2079	1.2079		1.1732	1.1732		5,142.4883	5,142.4883	0.8005		5,162.4997
Total	**3.2738**	**26.6294**	**31.9136**	**0.0553**		**1.2079**	**1.2079**		**1.1732**	**1.1732**		**5,142.4883**	**5,142.4883**	**0.8005**		**5,162.4997**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	1.4729	10.7963	34.6276	0.0553		0.2611	0.2611		0.2611	0.2611	0.0000	5,142.4883	5,142.4883	0.8005		5,162.4997
Total	**1.4729**	**10.7963**	**34.6276**	**0.0553**		**0.2611**	**0.2611**		**0.2611**	**0.2611**	**0.0000**	**5,142.4883**	**5,142.4883**	**0.8005**		**5,162.4997**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.18 Block 8 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.0465	57.4240	61.4843	0.1126		2.4298	2.4298		2.3436	2.3436		10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**7.0465**	**57.4240**	**61.4843**	**0.1126**		**2.4298**	**2.4298**		**2.3436**	**2.3436**		**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	3.8205	27.0178	68.2808	0.1126		0.7088	0.7088		0.7088	0.7088	0.0000	10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**3.8205**	**27.0178**	**68.2808**	**0.1126**		**0.7088**	**0.7088**		**0.7088**	**0.7088**	**0.0000**	**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.19 Block 7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4252	28.1651	34.1450	0.0584		1.2837	1.2837		1.2429	1.2429		5,444.0648	5,444.0648	0.8980		5,466.5146
Total	**3.4252**	**28.1651**	**34.1450**	**0.0584**		**1.2837**	**1.2837**		**1.2429**	**1.2429**		**5,444.0648**	**5,444.0648**	**0.8980**		**5,466.5146**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	1.5109	10.9609	36.9697	0.0584		0.2662	0.2662		0.2662	0.2662	0.0000	5,444.0648	5,444.0648	0.8980		5,466.5146
Total	**1.5109**	**10.9609**	**36.9697**	**0.0584**		**0.2662**	**0.2662**		**0.2662**	**0.2662**	**0.0000**	**5,444.0648**	**5,444.0648**	**0.8980**		**5,466.5146**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.20 Block 5/6 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3224	0.0000	6.3224	0.9573	0.0000	0.9573			0.0000			0.0000
Off-Road	2.6071	24.6071	27.3344	0.0486		1.1949	1.1949		1.1223	1.1223		4,672.1617	4,672.1617	1.1568		4,701.0823
Total	**2.6071**	**24.6071**	**27.3344**	**0.0486**	**6.3224**	**1.1949**	**7.5174**	**0.9573**	**1.1223**	**2.0796**		**4,672.1617**	**4,672.1617**	**1.1568**		**4,701.0823**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					2.4658	0.0000	2.4658	0.3733	0.0000	0.3733			0.0000			0.0000
Off-Road	0.5655	2.4506	30.2132	0.0486		0.0754	0.0754		0.0754	0.0754	0.0000	4,672.1617	4,672.1617	1.1568		4,701.0823
Total	**0.5655**	**2.4506**	**30.2132**	**0.0486**	**2.4658**	**0.0754**	**2.5412**	**0.3733**	**0.0754**	**0.4487**	**0.0000**	**4,672.1617**	**4,672.1617**	**1.1568**		**4,701.0823**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.21 Block 8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.0465	57.4240	61.4843	0.1126		2.4298	2.4298		2.3436	2.3436		10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**7.0465**	**57.4240**	**61.4843**	**0.1126**		**2.4298**	**2.4298**		**2.3436**	**2.3436**		**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Off-Road	3.8205	27.0178	68.2808	0.1126		0.7088	0.7088		0.7088	0.7088	0.0000	10,392.5023	10,392.5023	1.9434		10,441.0880
Total	**3.8205**	**27.0178**	**68.2808**	**0.1126**		**0.7088**	**0.7088**		**0.7088**	**0.7088**	**0.0000**	**10,392.5023**	**10,392.5023**	**1.9434**		**10,441.0880**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

3.22 Block 5/6 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4836	0.0000	1.4836	0.2247	0.0000	0.2247			0.0000			0.0000
Off-Road	5.3265	45.3733	55.9165	0.1224		2.0280	2.0280		1.9264	1.9264		11,613.3114	11,613.3114	2.9001		11,685.8138
Total	**5.3265**	**45.3733**	**55.9165**	**0.1224**	**1.4836**	**2.0280**	**3.5116**	**0.2247**	**1.9264**	**2.1510**		**11,613.3114**	**11,613.3114**	**2.9001**		**11,685.8138**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

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	lb/day										lb/day					
Fugitive Dust					0.5786	0.0000	0.5786	0.0876	0.0000	0.0876			0.0000			0.0000
Off-Road	2.2888	12.1488	72.0319	0.1224		0.3845	0.3845		0.3845	0.3845	0.0000	11,613.3114	11,613.3114	2.9001		11,685.8138
Total	**2.2888**	**12.1488**	**72.0319**	**0.1224**	**0.5786**	**0.3845**	**0.9631**	**0.0876**	**0.3845**	**0.4721**	**0.0000**	**11,613.3114**	**11,613.3114**	**2.9001**		**11,685.8138**

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	lb/day										lb/day					
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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	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**

District NoHo (2024-2035) Localized

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	13.32	580,374.00	0
Enclosed Parking with Elevator	3,313.00	Space	29.82	1,325,200.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	40.18	1,195,111.00	4367
Strip Mall	105.13	1000sqft	2.41	105,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

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Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific

Demolition - specific

Grading -

Construction Off-road Equipment Mitigation - MM

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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2024	15.2107	129.4403	152.8529	0.3038	0.1590	5.4471	5.6061	0.0241	5.1899	5.2139						28,681.4263
2025	10.2894	90.4937	103.7075	0.2013	0.0000	3.6440	3.6440	0.0000	3.4624	3.4624						18,999.2013
2026	60.0732	50.0194	57.7251	0.1325	2.1838	2.0739	4.1008	0.2385	1.9636	2.0407						12,720.5723
2027	4.4056	38.2288	42.0207	0.0827	0.0000	1.5265	1.5265	0.0000	1.4538	1.4538						7,795.5844
2028	4.2690	36.5039	48.7901	0.1022	1.0964	1.6065	2.7029	0.1200	1.5141	1.6340						9,801.2516
2029	2.5810	22.6299	25.2495	0.0545	0.0000	0.9424	0.9424	0.0000	0.8906	0.8906						5,192.8818
2030	3.9202	20.3171	47.8334	0.1087	0.9986	0.5383	1.3947	0.1512	0.5383	0.5515						10,331.2928
2031	3.9202	20.3171	47.8334	0.1087	0.0874	0.5383	0.6257	0.0132	0.5383	0.5515						10,331.2928
2032	3.1896	19.0772	34.7886	0.0774	0.0000	0.5643	0.5643	0.0000	0.5643	0.5643						7,199.9454
2033	4.0474	22.4357	47.7663	0.1173	1.3048	0.5586	1.6822	0.1976	0.5586	0.5749						11,131.6065
2034	3.7861	22.4357	40.4315	0.0928	0.0000	0.6121	0.6121	0.0000	0.6121	0.6121						8,622.3383
2035	3.1610	16.4088	36.7434	0.0863	0.0000	0.3580	0.3580	0.0000	0.3580	0.3580						8,215.8800
Maximum	**60.0732**	**129.4403**	**152.8529**	**0.3038**	**2.1838**	**5.4471**	**5.6061**	**0.2385**	**5.1899**	**5.2139**						**28,681.4263**

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	lb/day										lb/day					
2024	6.9846	47.1114	181.0625	0.3038	0.0620	1.1440	1.2060	9.3900e-003	1.1440	1.1534						28,681.4263
2025	4.4525	34.0243	119.5638	0.2013	0.0000	0.6782	0.6781	0.0000	0.6782	0.6781						18,999.2013
2026	56.8108	17.0500	73.2350	0.1325	0.8517	0.3679	1.1461	0.0930	0.3679	0.3875						12,720.5723
2027	1.8573	13.7209	48.0828	0.0827	0.0000	0.2860	0.2860	0.0000	0.2860	0.2860						7,795.5844

2028	1.4199	9.7641	59.7510	0.1022	0.4276	0.2074	0.6350	0.0468	0.2074	0.2542						9,801.2516
2029	0.8840	5.8713	30.6670	0.0545	0.0000	0.1332	0.1332	0.0000	0.1332	0.1332						5,192.8818
2030	1.4476	8.2971	57.5000	0.1087	0.3895	0.1852	0.4690	0.0590	0.1852	0.1904						10,331.2928
2031	1.4476	11.0347	57.5000	0.1087	0.0341	0.1852	0.2193	5.1600e-003	0.1852	0.1904						10,331.2928
2032	1.3212	10.5280	40.5960	0.0774	0.0000	0.1547	0.1547	0.0000	0.1547	0.1547						7,199.9454
2033	1.6339	13.1323	59.4644	0.1173	0.5089	0.1958	0.5843	0.0771	0.1958	0.2014						11,131.6064
2034	1.6339	13.1323	47.8828	0.0928	0.0000	0.1882	0.1882	0.0000	0.1882	0.1882						8,622.3383
2035	1.1931	9.2422	44.6402	0.0863	0.0000	0.1246	0.1246	0.0000	0.1246	0.1246						8,215.8800
Maximum	**56.8108**	**47.1114**	**181.0625**	**0.3038**	**0.8517**	**1.1440**	**1.2060**	**0.0930**	**1.1440**	**1.1534**						**28,681.4263**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**31.78**	**60.49**	**-19.57**	**0.00**	**61.00**	**79.09**	**75.49**	**61.00**	**78.18**	**77.99**	**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	Block 5/6 Grading	Grading	1/1/2024	9/30/2024	5	196	
2	Block 7 Finishing	Building Construction	1/1/2024	9/30/2024	5	196	
3	Block 8 Building Construction	Building Construction	1/1/2024	6/30/2024	5	130	
4	Block 8 Finishing	Building Construction	7/1/2024	4/30/2025	5	218	
5	Block 5/6 Foundation	Trenching	10/1/2024	3/31/2025	5	130	
6	Block 5/6 Building Construction	Building Construction	4/1/2025	8/31/2025	5	109	
7	Block 5/6 Finishing	Building Construction	9/1/2025	6/30/2026	5	217	
8	Architectural Coatings	Architectural Coating	1/1/2026	12/31/2026	5	261	
9	Block 4 Demolition	Demolition	7/1/2026	7/31/2026	5	23	
10	Block 4 Grading	Grading	8/1/2026	12/31/2026	5	109	
11	Block 4 Foundation	Trenching	1/1/2027	3/31/2027	5	64	
12	Block 4 Building Construction	Building Construction	4/1/2027	9/30/2027	5	131	
13	Block 4 Finishing	Building Construction	10/1/2027	6/30/2028	5	196	
14	Block 3 Demolition	Demolition	7/1/2028	8/31/2028	5	44	
15	Block 3 Grading	Grading	9/1/2028	12/31/2028	5	86	
16	Block 3 Foundation	Trenching	1/1/2029	3/31/2029	5	65	
17	Block 3 Building Construction	Building Construction	4/1/2029	9/28/2029	5	130	
18	Block 3 Finishing	Building Construction	10/1/2029	6/30/2030	5	195	
19	Block 2 Demolition	Demolition	7/1/2030	8/30/2030	5	45	
20	Block 2 Grading	Grading	9/1/2030	2/28/2031	5	130	
21	Block 2 Foundation	Trenching	3/1/2031	7/31/2031	5	109	
22	Block 2 Building Construction	Building Construction	8/1/2031	2/27/2032	5	151	
23	Block 2 Finshing	Building Construction	3/1/2032	12/31/2032	5	220	
24	Block 1 Demolition	Demolition	1/1/2033	2/28/2033	5	41	
25	Block 1 Grading	Grading	3/1/2033	8/31/2033	5	132	
26	Block 1 Foundation	Trenching	9/1/2033	1/31/2034	5	109	
27	Block 1 Building Construction	Building Construction	2/1/2034	8/31/2034	5	152	
28	Block 1 Finishing	Building Construction	9/1/2034	6/29/2035	5	216	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 29.82

Residential Indoor: 2,420,100; Residential Outdoor: 806,700; Non-Residential Indoor: 1,028,249; Non-Residential Outdoor: 342,750;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Block 7 Finishing	Aerial Lifts	3	8.00	63	0.31
Block 7 Finishing	Air Compressors	0	8.00	78	0.48
Block 7 Finishing	Cement and Mortar Mixers	0	8.00	9	0.56
Block 7 Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 7 Finishing	Cranes	2	10.00	231	0.29
Block 7 Finishing	Forklifts	2	8.00	89	0.20
Block 7 Finishing	Generator Sets	1	8.00	84	0.74
Block 7 Finishing	Pavers	1	8.00	130	0.42
Block 7 Finishing	Paving Equipment	1	8.00	132	0.36
Block 7 Finishing	Plate Compactors	1	8.00	8	0.43
Block 7 Finishing	Pumps	1	8.00	84	0.74
Block 7 Finishing	Rollers	1	8.00	80	0.38
Block 7 Finishing	Signal Boards	1	8.00	6	0.82
Block 7 Finishing	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 7 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 7 Finishing	Trenchers	1	8.00	78	0.50
Block 7 Finishing	Welders	2	8.00	46	0.45
Block 8 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 8 Building Construction	Air Compressors	2	8.00	78	0.48
Block 8 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Building Construction	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Building Construction	Cranes	4	10.00	231	0.29
Block 8 Building Construction	Forklifts	3	8.00	89	0.20
Block 8 Building Construction	Generator Sets	1	8.00	84	0.74
Block 8 Building Construction	Pumps	1	8.00	84	0.74
Block 8 Building Construction	Signal Boards	1	8.00	6	0.82
Block 8 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Building Construction	Welders	10	8.00	46	0.45
Block 5/6 Grading	Air Compressors	1	8.00	78	0.48
Block 5/6 Grading	Bore/Drill Rigs	4	8.00	221	0.50
Block 5/6 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Grading	Excavators	3	8.00	158	0.38
Block 5/6 Grading	Forklifts	1	8.00	89	0.20
Block 5/6 Grading	Generator Sets	1	8.00	84	0.74
Block 5/6 Grading	Graders	0	8.00	187	0.41
Block 5/6 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Grading	Pumps	1	8.00	84	0.74
Block 5/6 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Grading	Rubber Tired Loaders	1	8.00	203	0.36

Block 5/6 Grading	Scrapers	0	8.00	367	0.48
Block 5/6 Grading	Signal Boards	2	8.00	6	0.82
Block 5/6 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 5/6 Grading	Trenchers	1	8.00	78	0.50
Block 5/6 Grading	Welders	3	8.00	46	0.45
Block 8 Finishing	Aerial Lifts	5	8.00	63	0.31
Block 8 Finishing	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Block 8 Finishing	Cranes	3	10.00	231	0.29
Block 8 Finishing	Forklifts	2	8.00	89	0.20
Block 8 Finishing	Generator Sets	1	8.00	84	0.74
Block 8 Finishing	Pavers	1	8.00	130	0.42
Block 8 Finishing	Paving Equipment	1	8.00	132	0.36
Block 8 Finishing	Plate Compactors	1	8.00	8	0.43
Block 8 Finishing	Pumps	1	8.00	84	0.74
Block 8 Finishing	Rollers	1	8.00	80	0.38
Block 8 Finishing	Signal Boards	1	8.00	6	0.82
Block 8 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 8 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Finishing	Trenchers	1	8.00	78	0.50
Block 8 Finishing	Welders	3	8.00	46	0.45
Block 5/6 Foundation	Aerial Lifts	8	8.00	63	0.31
Block 5/6 Foundation	Air Compressors	3	8.00	78	0.48
Block 5/6 Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Block 5/6 Foundation	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Foundation	Cranes	5	10.00	231	0.29
Block 5/6 Foundation	Forklifts	5	8.00	89	0.20
Block 5/6 Foundation	Generator Sets	2	8.00	84	0.74
Block 5/6 Foundation	Pumps	1	8.00	84	0.74
Block 5/6 Foundation	Signal Boards	1	8.00	6	0.82
Block 5/6 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Foundation	Welders	6	8.00	46	0.45
Block 5/6 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 5/6 Building Construction	Air Compressors	3	8.00	78	0.48
Block 5/6 Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Block 5/6 Building Construction	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Building Construction	Cranes	5	10.00	231	0.29
Block 5/6 Building Construction	Forklifts	5	8.00	89	0.20
Block 5/6 Building Construction	Generator Sets	2	8.00	84	0.74
Block 5/6 Building Construction	Pumps	1	8.00	84	0.74
Block 5/6 Building Construction	Signal Boards	1	8.00	6	0.82
Block 5/6 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 5/6 Building Construction	Welders	6	8.00	46	0.45
Block 5/6 Finishing	Aerial Lifts	6	8.00	63	0.31
Block 5/6 Finishing	Air Compressors	1	8.00	78	0.48
Block 5/6 Finishing	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Finishing	Concrete/Industrial Saws	2	4.00	81	0.73
Block 5/6 Finishing	Cranes	4	10.00	231	0.29

Block 5/6 Finishing	Forklifts	4	8.00	89	0.20
Block 5/6 Finishing	Generator Sets	2	8.00	84	0.74
Block 5/6 Finishing	Pavers	1	8.00	130	0.42
Block 5/6 Finishing	Paving Equipment	1	8.00	132	0.36
Block 5/6 Finishing	Plate Compactors	1	8.00	8	0.43
Block 5/6 Finishing	Pumps	1	8.00	84	0.74
Block 5/6 Finishing	Rollers	1	8.00	80	0.38
Block 5/6 Finishing	Signal Boards	1	8.00	6	0.82
Block 5/6 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 5/6 Finishing	Trenchers	1	8.00	78	0.50
Block 5/6 Finishing	Welders	5	8.00	46	0.45
Architectural Coatings	Aerial Lifts	0	8.00	63	0.31
Architectural Coatings	Air Compressors	0	6.00	78	0.48
Architectural Coatings	Concrete/Industrial Saws	0	8.00	81	0.73
Architectural Coatings	Cranes	0	8.00	231	0.29
Architectural Coatings	Forklifts	0	8.00	89	0.20
Architectural Coatings	Other Construction Equipment	0	8.00	172	0.42
Architectural Coatings	Signal Boards	0	8.00	6	0.82
Architectural Coatings	Trenchers	0	8.00	78	0.50
Architectural Coatings	Welders	0	8.00	46	0.45
Block 4 Demolition	Air Compressors	1	8.00	78	0.48
Block 4 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 4 Demolition	Cranes	1	10.00	231	0.29
Block 4 Demolition	Excavators	1	8.00	158	0.38
Block 4 Demolition	Forklifts	1	8.00	89	0.20
Block 4 Demolition	Generator Sets	1	8.00	84	0.74
Block 4 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 4 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 4 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Demolition	Scrapers	1	8.00	367	0.48
Block 4 Demolition	Signal Boards	1	8.00	6	0.82
Block 4 Demolition	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Grading	Air Compressors	1	8.00	78	0.48
Block 4 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 4 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 4 Grading	Excavators	2	8.00	158	0.38
Block 4 Grading	Forklifts	1	8.00	89	0.20
Block 4 Grading	Generator Sets	1	8.00	84	0.74
Block 4 Grading	Graders	0	8.00	187	0.41
Block 4 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 4 Grading	Pumps	1	8.00	84	0.74
Block 4 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 4 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 4 Grading	Scrapers	2	8.00	367	0.48
Block 4 Grading	Signal Boards	2	8.00	6	0.82
Block 4 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 4 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Block 4 Grading	Trenchers	1	8.00	78	0.50
Block 4 Grading	Welders	2	8.00	46	0.45
Block 4 Foundation	Aerial Lifts	4	8.00	63	0.31
Block 4 Foundation	Air Compressors	2	8.00	78	0.48
Block 4 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Foundation	Concrete/Industrial Saws	2	4.00	81	0.73
Block 4 Foundation	Cranes	4	10.00	231	0.29
Block 4 Foundation	Forklifts	4	8.00	89	0.20
Block 4 Foundation	Generator Sets	1	8.00	84	0.74
Block 4 Foundation	Pumps	1	8.00	84	0.74
Block 4 Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Foundation	Signal Boards	1	8.00	6	0.82
Block 4 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 4 Foundation	Welders	4	8.00	46	0.45
Block 4 Building Construction	Aerial Lifts	4	8.00	63	0.31
Block 4 Building Construction	Air Compressors	2	8.00	78	0.48
Block 4 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 4 Building Construction	Cranes	4	10.00	231	0.29
Block 4 Building Construction	Forklifts	4	8.00	89	0.20
Block 4 Building Construction	Generator Sets	1	8.00	84	0.74
Block 4 Building Construction	Pumps	1	8.00	84	0.74
Block 4 Building Construction	Signal Boards	1	8.00	6	0.82
Block 4 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 4 Building Construction	Welders	4	8.00	46	0.45
Block 4 Finishing	Aerial Lifts	4	8.00	63	0.31
Block 4 Finishing	Air Compressors	0	6.00	78	0.48
Block 4 Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Block 4 Finishing	Cranes	3	10.00	231	0.29
Block 4 Finishing	Forklifts	2	8.00	89	0.20
Block 4 Finishing	Generator Sets	1	8.00	84	0.74
Block 4 Finishing	Pavers	1	8.00	130	0.42
Block 4 Finishing	Paving Equipment	1	8.00	132	0.36
Block 4 Finishing	Plate Compactors	1	8.00	8	0.43
Block 4 Finishing	Pumps	1	8.00	84	0.74
Block 4 Finishing	Rollers	1	8.00	80	0.38
Block 4 Finishing	Signal Boards	1	8.00	6	0.82
Block 4 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 4 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 4 Finishing	Trenchers	1	8.00	78	0.50
Block 4 Finishing	Welders	2	8.00	46	0.45
Block 3 Demolition	Air Compressors	1	8.00	78	0.48
Block 3 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Demolition	Excavators	1	8.00	158	0.38
Block 3 Demolition	Forklifts	1	8.00	89	0.20
Block 3 Demolition	Generator Sets	1	8.00	84	0.74
Block 3 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 3 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Block 3 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Block 3 Demolition	Trenchers	1	8.00	78	0.50
Block 3 Grading	Air Compressors	1	8.00	78	0.48
Block 3 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 3 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 3 Grading	Excavators	2	8.00	158	0.38
Block 3 Grading	Forklifts	1	8.00	89	0.20
Block 3 Grading	Generator Sets	1	8.00	84	0.74
Block 3 Grading	Graders	0	8.00	187	0.41
Block 3 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 3 Grading	Pavers	1	8.00	130	0.42
Block 3 Grading	Paving Equipment	1	8.00	132	0.36
Block 3 Grading	Plate Compactors	1	8.00	8	0.43
Block 3 Grading	Pumps	1	8.00	84	0.74
Block 3 Grading	Rollers	1	8.00	80	0.38
Block 3 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 3 Grading	Scrapers	1	8.00	367	0.48
Block 3 Grading	Signal Boards	2	8.00	6	0.82
Block 3 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 3 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 3 Grading	Trenchers	1	8.00	78	0.50
Block 3 Grading	Welders	1	8.00	46	0.45
Block 3 Foundation	Aerial Lifts	1	8.00	63	0.31
Block 3 Foundation	Air Compressors	1	8.00	78	0.48
Block 3 Foundation	Bore/Drill Rigs	1	8.00	221	0.50
Block 3 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Foundation	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Foundation	Cranes	2	10.00	231	0.29
Block 3 Foundation	Forklifts	1	8.00	89	0.20
Block 3 Foundation	Plate Compactors	1	8.00	8	0.43
Block 3 Foundation	Pumps	1	8.00	84	0.74
Block 3 Foundation	Signal Boards	1	8.00	6	0.82
Block 3 Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Foundation	Welders	1	8.00	46	0.45
Block 3 Building Construction	Aerial Lifts	1	8.00	63	0.31
Block 3 Building Construction	Air Compressors	1	8.00	78	0.48
Block 3 Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Block 3 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Building Construction	Cranes	2	10.00	231	0.29
Block 3 Building Construction	Forklifts	1	8.00	89	0.20
Block 3 Building Construction	Generator Sets	0	8.00	84	0.74
Block 3 Building Construction	Other Construction Equipment	1	8.00	172	0.42
Block 3 Building Construction	Plate Compactors	1	8.00	8	0.43
Block 3 Building Construction	Pumps	1	8.00	84	0.74
Block 3 Building Construction	Signal Boards	1	8.00	6	0.82
Block 3 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Building Construction	Welders	1	8.00	46	0.45
Block 3 Finishing	Aerial Lifts	2	8.00	63	0.31
Block 3 Finishing	Concrete/Industrial Saws	2	4.00	81	0.73
Block 3 Finishing	Cranes	2	10.00	231	0.29

Block 3 Finishing	Forklifts	1	8.00	89	0.20
Block 3 Finishing	Generator Sets	0	8.00	84	0.74
Block 3 Finishing	Signal Boards	1	8.00	6	0.82
Block 3 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 3 Finishing	Trenchers	1	8.00	78	0.50
Block 3 Finishing	Welders	2	8.00	46	0.45
Block 2 Demolition	Air Compressors	1	8.00	78	0.48
Block 2 Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Demolition	Excavators	1	8.00	158	0.38
Block 2 Demolition	Forklifts	1	8.00	89	0.20
Block 2 Demolition	Generator Sets	1	8.00	84	0.74
Block 2 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 2 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 2 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 2 Demolition	Scrapers	1	8.00	367	0.48
Block 2 Demolition	Trenchers	1	8.00	78	0.50
Block 2 Grading	Air Compressors	1	8.00	78	0.48
Block 2 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 2 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Grading	Excavators	2	8.00	158	0.38
Block 2 Grading	Forklifts	3	8.00	89	0.20
Block 2 Grading	Generator Sets	1	8.00	84	0.74
Block 2 Grading	Graders	0	8.00	187	0.41
Block 2 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 2 Grading	Pumps	1	8.00	84	0.74
Block 2 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 2 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 2 Grading	Scrapers	0	8.00	367	0.48
Block 2 Grading	Signal Boards	1	8.00	6	0.82
Block 2 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 2 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 2 Grading	Trenchers	1	8.00	78	0.50
Block 2 Grading	Welders	2	8.00	46	0.45
Block 2 Foundation	Aerial Lifts	3	8.00	63	0.31
Block 2 Foundation	Air Compressors	2	8.00	78	0.48
Block 2 Foundation	Bore/Drill Rigs	1	8.00	221	0.50
Block 2 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Foundation	Cranes	3	10.00	231	0.29
Block 2 Foundation	Forklifts	3	8.00	89	0.20
Block 2 Foundation	Generator Sets	1	8.00	84	0.74
Block 2 Foundation	Pumps	1	8.00	84	0.74
Block 2 Foundation	Signal Boards	1	8.00	6	0.82
Block 2 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Foundation	Welders	3	8.00	46	0.45
Block 2 Building Construction	Aerial Lifts	3	8.00	63	0.31
Block 2 Building Construction	Air Compressors	2	8.00	78	0.48
Block 2 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56

Block 2 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Building Construction	Cranes	3	10.00	231	0.29
Block 2 Building Construction	Forklifts	3	8.00	89	0.20
Block 2 Building Construction	Generator Sets	1	8.00	84	0.74
Block 2 Building Construction	Pumps	1	8.00	84	0.74
Block 2 Building Construction	Signal Boards	1	8.00	6	0.82
Block 2 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 2 Building Construction	Welders	3	8.00	46	0.45
Block 2 Finshing	Aerial Lifts	3	8.00	63	0.31
Block 2 Finshing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 2 Finshing	Cranes	2	10.00	231	0.29
Block 2 Finshing	Forklifts	2	8.00	89	0.20
Block 2 Finshing	Generator Sets	1	8.00	84	0.74
Block 2 Finshing	Pavers	1	8.00	130	0.42
Block 2 Finshing	Paving Equipment	1	8.00	132	0.36
Block 2 Finshing	Plate Compactors	1	8.00	8	0.43
Block 2 Finshing	Pumps	1	8.00	84	0.74
Block 2 Finshing	Rollers	1	8.00	80	0.38
Block 2 Finshing	Signal Boards	1	8.00	6	0.82
Block 2 Finshing	Surfacing Equipment	1	8.00	263	0.30
Block 2 Finshing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 2 Finshing	Trenchers	1	8.00	78	0.50
Block 2 Finshing	Welders	2	8.00	46	0.45
Block 1 Demolition	Air Compressors	1	8.00	78	0.48
Block 1 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 1 Demolition	Excavators	1	8.00	158	0.38
Block 1 Demolition	Forklifts	1	8.00	89	0.20
Block 1 Demolition	Generator Sets	1	8.00	84	0.74
Block 1 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 1 Demolition	Pavers	0	8.00	130	0.42
Block 1 Demolition	Paving Equipment	0	8.00	132	0.36
Block 1 Demolition	Rollers	0	8.00	80	0.38
Block 1 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 1 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 1 Demolition	Scrapers	1	8.00	367	0.48
Block 1 Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 1 Demolition	Trenchers	1	8.00	78	0.50
Block 1 Grading	Air Compressors	1	8.00	78	0.48
Block 1 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 1 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Grading	Excavators	2	8.00	158	0.38
Block 1 Grading	Forklifts	1	8.00	89	0.20
Block 1 Grading	Generator Sets	1	8.00	84	0.74
Block 1 Grading	Graders	0	8.00	187	0.41
Block 1 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 1 Grading	Pumps	1	8.00	84	0.74
Block 1 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 1 Grading	Rubber Tired Loaders	1	8.00	203	0.36

Block 1 Grading	Scrapers	0	8.00	367	0.48
Block 1 Grading	Signal Boards	2	8.00	6	0.82
Block 1 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 1 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 1 Grading	Trenchers	1	8.00	78	0.50
Block 1 Grading	Welders	2	8.00	46	0.45
Block 1 Foundation	Aerial Lifts	4	8.00	63	0.31
Block 1 Foundation	Air Compressors	2	8.00	78	0.48
Block 1 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Foundation	Cranes	4	10.00	231	0.29
Block 1 Foundation	Forklifts	4	8.00	89	0.20
Block 1 Foundation	Generator Sets	1	8.00	84	0.74
Block 1 Foundation	Pumps	1	8.00	84	0.74
Block 1 Foundation	Signal Boards	1	8.00	6	0.82
Block 1 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Foundation	Welders	4	8.00	46	0.45
Block 1 Building Construction	Aerial Lifts	4	8.00	63	0.31
Block 1 Building Construction	Air Compressors	2	8.00	78	0.48
Block 1 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Building Construction	Cranes	4	10.00	231	0.29
Block 1 Building Construction	Forklifts	4	8.00	89	0.20
Block 1 Building Construction	Generator Sets	1	8.00	84	0.74
Block 1 Building Construction	Pumps	1	8.00	84	0.74
Block 1 Building Construction	Signal Boards	1	8.00	6	0.82
Block 1 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 1 Building Construction	Welders	4	8.00	46	0.45
Block 1 Finishing	Aerial Lifts	4	8.00	63	0.31
Block 1 Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 1 Finishing	Cranes	3	10.00	231	0.29
Block 1 Finishing	Forklifts	2	8.00	89	0.20
Block 1 Finishing	Generator Sets	1	8.00	84	0.74
Block 1 Finishing	Pavers	1	8.00	130	0.42
Block 1 Finishing	Paving Equipment	1	8.00	132	0.36
Block 1 Finishing	Plate Compactors	1	8.00	8	0.43
Block 1 Finishing	Pumps	1	8.00	84	0.74
Block 1 Finishing	Rollers	1	8.00	80	0.38
Block 1 Finishing	Signal Boards	1	8.00	6	0.82
Block 1 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 1 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 1 Finishing	Trenchers	1	8.00	78	0.50
Block 1 Finishing	Welders	2	8.00	46	0.45

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
Block 7 Finishing	20	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Block 8 Building Construction	37	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Grading	27	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Finishing	24	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Foundation	37	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 5/6 Building Construction	37	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Finishing	33	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coatings	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 4 Demolition	11	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 4 Grading	25	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 4 Foundation	25	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 4 Building Construction	24	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 4 Finishing	21	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 3 Demolition	9	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 3 Grading	22	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 3 Foundation	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 3 Building Construction	14	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 3 Finishing	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 2 Demolition	9	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 2 Grading	22	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 2 Foundation	21	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 2 Building Construction	20	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 2 Finshing	19	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 1 Demolition	9	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 1 Grading	22	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Block 1 Foundation	24	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 1 Building Construction	24	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 1 Finishing	21	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Block 5/6 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1590	0.0000	0.1590	0.0241	0.0000	0.0241						0.0000
Off-Road	5.0799	42.6742	55.8967	0.1224		1.8427	1.8427		1.7480	1.7480						11,693.8642
Total	**5.0799**	**42.6742**	**55.8967**	**0.1224**	**0.1590**	**1.8427**	**2.0016**	**0.0241**	**1.7480**	**1.7721**						**11,693.8642**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.0620	0.0000	0.0620	9.3900e-003	0.0000	9.3900e-003						0.0000
Off-Road	2.1183	11.3106	71.3871	0.1224		0.3336	0.3336		0.3336	0.3336						11,693.8642
Total	**2.1183**	**11.3106**	**71.3871**	**0.1224**	**0.0620**	**0.3336**	**0.3956**	**9.3900e-003**	**0.3336**	**0.3430**						**11,693.8642**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.3 Block 7 Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5206	32.6135	35.9558	0.0687		1.4531	1.4531		1.3690	1.3690						6,547.0336
Total	**3.5206**	**32.6135**	**35.9558**	**0.0687**		**1.4531**	**1.4531**		**1.3690**	**1.3690**						**6,547.0336**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.2893	9.5403	41.8379	0.0687		0.1923	0.1923		0.1923	0.1923						6,547.0336
Total	**1.2893**	**9.5403**	**41.8379**	**0.0687**		**0.1923**	**0.1923**		**0.1923**	**0.1923**						**6,547.0336**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.4 Block 8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.6102	54.1527	61.0004	0.1126		2.1514	2.1514		2.0729	2.0729						10,440.5286
Total	**6.6102**	**54.1527**	**61.0004**	**0.1126**		**2.1514**	**2.1514**		**2.0729**	**2.0729**						**10,440.5286**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	3.5770	26.2604	67.8374	0.1126		0.6181	0.6181		0.6181	0.6181						10,440.5285
Total	**3.5770**	**26.2604**	**67.8374**	**0.1126**		**0.6181**	**0.6181**		**0.6181**	**0.6181**						**10,440.5285**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.5 Block 8 Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.3932	40.1760	42.7723	0.0836		1.7441	1.7441		1.6461	1.6461						7,932.2099
Total	**4.3932**	**40.1760**	**42.7723**	**0.0836**		**1.7441**	**1.7441**		**1.6461**	**1.6461**						**7,932.2099**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.7356	12.5342	49.9680	0.0836		0.2722	0.2722		0.2722	0.2722						7,932.2099
Total	**1.7356**	**12.5342**	**49.9680**	**0.0836**		**0.2722**	**0.2722**		**0.2722**	**0.2722**						**7,932.2099**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.5 Block 8 Finishing - 2025

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	lb/day										lb/day					
Off-Road	4.1297	37.2951	42.5127	0.0836		1.5632	1.5632		1.4741	1.4741						7,931.8362
Total	**4.1297**	**37.2951**	**42.5127**	**0.0836**		**1.5632**	**1.5632**		**1.4741**	**1.4741**						**7,931.8362**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.6874	12.4181	49.9318	0.0836		0.2524	0.2524		0.2524	0.2524						7,931.8362
Total	**1.6874**	**12.4181**	**49.9318**	**0.0836**		**0.2524**	**0.2524**		**0.2524**	**0.2524**						**7,931.8362**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.6 Block 5/6 Foundation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.5419	56.9006	61.5783	0.1177		2.3416	2.3416		2.2403	2.2403						11,067.8487
Total	**6.5419**	**56.9006**	**61.5783**	**0.1177**		**2.3416**	**2.3416**		**2.2403**	**2.2403**						**11,067.8487**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	2.8615	21.8384	69.7042	0.1177		0.4651	0.4651		0.4651	0.4651						11,067.8487
Total	**2.8615**	**21.8384**	**69.7042**	**0.1177**		**0.4651**	**0.4651**		**0.4651**	**0.4651**						**11,067.8487**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.6 Block 5/6 Foundation - 2025

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	lb/day										lb/day					
Off-Road	6.1597	53.1986	61.1948	0.1177		2.0808	2.0808		1.9883	1.9883						11,067.3651
Total	**6.1597**	**53.1986**	**61.1948**	**0.1177**		**2.0808**	**2.0808**		**1.9883**	**1.9883**						**11,067.3651**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	2.7651	21.6062	69.6320	0.1177		0.4257	0.4257		0.4257	0.4257						11,067.3651
Total	**2.7651**	**21.6062**	**69.6320**	**0.1177**		**0.4257**	**0.4257**		**0.4257**	**0.4257**						**11,067.3651**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.7 Block 5/6 Building Construction - 2025

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	lb/day										lb/day					
Off-Road	6.1597	53.1986	61.1948	0.1177		2.0808	2.0808		1.9883	1.9883						11,067.3651
Total	**6.1597**	**53.1986**	**61.1948**	**0.1177**		**2.0808**	**2.0808**		**1.9883**	**1.9883**						**11,067.3651**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	2.7651	21.6062	69.6320	0.1177		0.4257	0.4257		0.4257	0.4257						11,067.3651
Total	**2.7651**	**21.6062**	**69.6320**	**0.1177**		**0.4257**	**0.4257**		**0.4257**	**0.4257**						**11,067.3651**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.8 Block 5/6 Finishing - 2025

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	lb/day										lb/day					
Off-Road	5.6623	50.0194	57.4168	0.1112		2.0739	2.0739		1.9636	1.9636						10,513.7343
Total	**5.6623**	**50.0194**	**57.4168**	**0.1112**		**2.0739**	**2.0739**		**1.9636**	**1.9636**						**10,513.7343**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	2.4000	17.0500	66.5814	0.1112		0.3679	0.3679		0.3679	0.3679						10,513.7343
Total	**2.4000**	**17.0500**	**66.5814**	**0.1112**		**0.3679**	**0.3679**		**0.3679**	**0.3679**						**10,513.7343**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.8 Block 5/6 Finishing - 2026

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	lb/day										lb/day					
Off-Road	5.6623	50.0194	57.4168	0.1112		2.0739	2.0739		1.9636	1.9636						10,513.7343
Total	**5.6623**	**50.0194**	**57.4168**	**0.1112**		**2.0739**	**2.0739**		**1.9636**	**1.9636**						**10,513.7343**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	2.4000	17.0500	66.5814	0.1112		0.3679	0.3679		0.3679	0.3679						10,513.7343
Total	**2.4000**	**17.0500**	**66.5814**	**0.1112**		**0.3679**	**0.3679**		**0.3679**	**0.3679**						**10,513.7343**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.9 Architectural Coatings - 2026

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	lb/day										lb/day					
Archit. Coating	54.4108					0.0000	0.0000		0.0000	0.0000						0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total	**54.4108**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						**0.0000**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Archit. Coating	54.4108					0.0000	0.0000		0.0000	0.0000						0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total	**54.4108**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						**0.0000**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.10 Block 4 Demolition - 2026

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	lb/day										lb/day					
Fugitive Dust					1.1630	0.0000	1.1630	0.1761	0.0000	0.1761						0.0000
Off-Road	2.4713	22.6257	27.8003	0.0552		0.9502	0.9502		0.8921	0.8921						5,325.2727
Total	**2.4713**	**22.6257**	**27.8003**	**0.0552**	**1.1630**	**0.9502**	**2.1131**	**0.1761**	**0.8921**	**1.0682**						**5,325.2727**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.4536	0.0000	0.4536	0.0687	0.0000	0.0687						0.0000
Off-Road	0.6638	3.8180	32.4867	0.0552		0.0851	0.0851		0.0851	0.0851						5,325.2727
Total	**0.6638**	**3.8180**	**32.4867**	**0.0552**	**0.4536**	**0.0851**	**0.5387**	**0.0687**	**0.0851**	**0.1538**						**5,325.2727**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.11 Block 4 Grading - 2026

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	lb/day										lb/day					
Fugitive Dust					2.1838	0.0000	2.1838	0.2385	0.0000	0.2385						0.0000
Off-Road	5.3892	46.8103	57.7251	0.1325		1.9170	1.9170		1.8022	1.8022						12,720.5723
Total	**5.3892**	**46.8103**	**57.7251**	**0.1325**	**2.1838**	**1.9170**	**4.1008**	**0.2385**	**1.8022**	**2.0407**						**12,720.5723**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.8517	0.0000	0.8517	0.0930	0.0000	0.0930						0.0000
Off-Road	2.0114	10.5505	73.2350	0.1325		0.2944	0.2944		0.2944	0.2944						12,720.5723
Total	**2.0114**	**10.5505**	**73.2350**	**0.1325**	**0.8517**	**0.2944**	**1.1461**	**0.0930**	**0.2944**	**0.3875**						**12,720.5723**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.12 Block 4 Foundation - 2027

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	lb/day										lb/day					
Off-Road	4.4056	38.2288	42.0207	0.0827		1.5265	1.5265		1.4538	1.4538						7,795.5844
Total	**4.4056**	**38.2288**	**42.0207**	**0.0827**		**1.5265**	**1.5265**		**1.4538**	**1.4538**						**7,795.5844**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.8573	13.7209	48.0828	0.0827		0.2860	0.2860		0.2860	0.2860						7,795.5844
Total	**1.8573**	**13.7209**	**48.0828**	**0.0827**		**0.2860**	**0.2860**		**0.2860**	**0.2860**						**7,795.5844**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.13 Block 4 Building Construction - 2027

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	lb/day										lb/day					
Off-Road	4.4056	38.2288	42.0207	0.0827		1.5265	1.5265		1.4538	1.4538						7,795.5844
Total	**4.4056**	**38.2288**	**42.0207**	**0.0827**		**1.5265**	**1.5265**		**1.4538**	**1.4538**						**7,795.5844**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.8573	13.7209	48.0828	0.0827		0.2860	0.2860		0.2860	0.2860						7,795.5844
Total	**1.8573**	**13.7209**	**48.0828**	**0.0827**		**0.2860**	**0.2860**		**0.2860**	**0.2860**						**7,795.5844**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.14 Block 4 Finishing - 2027

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	lb/day										lb/day					
Off-Road	3.8172	35.0645	39.4617	0.0787		1.4991	1.4991		1.4107	1.4107						7,509.2835
Total	**3.8172**	**35.0645**	**39.4617**	**0.0787**		**1.4991**	**1.4991**		**1.4107**	**1.4107**						**7,509.2835**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.3675	9.7641	46.6973	0.0787		0.1945	0.1945		0.1945	0.1945						7,509.2835
Total	**1.3675**	**9.7641**	**46.6973**	**0.0787**		**0.1945**	**0.1945**		**0.1945**	**0.1945**						**7,509.2835**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.14 Block 4 Finishing - 2028

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	lb/day										lb/day					
Off-Road	3.8172	35.0645	39.4617	0.0787		1.4991	1.4991		1.4107	1.4107						7,509.2835
Total	**3.8172**	**35.0645**	**39.4617**	**0.0787**		**1.4991**	**1.4991**		**1.4107**	**1.4107**						**7,509.2835**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.3675	9.7641	46.6973	0.0787		0.1945	0.1945		0.1945	0.1945						7,509.2835
Total	**1.3675**	**9.7641**	**46.6973**	**0.0787**		**0.1945**	**0.1945**		**0.1945**	**0.1945**						**7,509.2835**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.15 Block 3 Demolition - 2028

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	lb/day										lb/day					
Fugitive Dust					0.4863	0.0000	0.4863	0.0736	0.0000	0.0736						0.0000
Off-Road	2.2891	20.7687	24.0794	0.0416		0.9972	0.9972		0.9343	0.9343						4,021.2574
Total	**2.2891**	**20.7687**	**24.0794**	**0.0416**	**0.4863**	**0.9972**	**1.4836**	**0.0736**	**0.9343**	**1.0079**						**4,021.2574**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.1897	0.0000	0.1897	0.0287	0.0000	0.0287						0.0000
Off-Road	0.4793	2.0770	26.9433	0.0416		0.0639	0.0639		0.0639	0.0639						4,021.2574
Total	**0.4793**	**2.0770**	**26.9433**	**0.0416**	**0.1897**	**0.0639**	**0.2536**	**0.0287**	**0.0639**	**0.0926**						**4,021.2574**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.16 Block 3 Grading - 2028

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	lb/day										lb/day					
Fugitive Dust					1.0964	0.0000	1.0964	0.1200	0.0000	0.1200						0.0000
Off-Road	4.2690	36.5039	48.7901	0.1022		1.6065	1.6065		1.5141	1.5141						9,801.2516
Total	**4.2690**	**36.5039**	**48.7901**	**0.1022**	**1.0964**	**1.6065**	**2.7029**	**0.1200**	**1.5141**	**1.6340**						**9,801.2516**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.4276	0.0000	0.4276	0.0468	0.0000	0.0468						0.0000
Off-Road	1.4199	6.6562	59.7510	0.1022		0.2074	0.2074		0.2074	0.2074						9,801.2516
Total	**1.4199**	**6.6562**	**59.7510**	**0.1022**	**0.4276**	**0.2074**	**0.6350**	**0.0468**	**0.2074**	**0.2542**						**9,801.2516**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.17 Block 3 Foundation - 2029

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	lb/day										lb/day					
Off-Road	2.2819	19.8684	21.2534	0.0484		0.7996	0.7996		0.7592	0.7592						4,589.4167
Total	**2.2819**	**19.8684**	**21.2534**	**0.0484**		**0.7996**	**0.7996**		**0.7592**	**0.7592**						**4,589.4167**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	0.8075	4.7672	25.9528	0.0484		0.1230	0.1230		0.1230	0.1230						4,589.4167
Total	**0.8075**	**4.7672**	**25.9528**	**0.0484**		**0.1230**	**0.1230**		**0.1230**	**0.1230**						**4,589.4167**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.18 Block 3 Building Construction - 2029

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	lb/day										lb/day					
Off-Road	2.5810	22.6299	25.2495	0.0545		0.9424	0.9424		0.8906	0.8906						5,192.8818
Total	**2.5810**	**22.6299**	**25.2495**	**0.0545**		**0.9424**	**0.9424**		**0.8906**	**0.8906**						**5,192.8818**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	0.8840	5.0985	30.6670	0.0545		0.1332	0.1332		0.1332	0.1332						5,192.8818
Total	**0.8840**	**5.0985**	**30.6670**	**0.0545**		**0.1332**	**0.1332**		**0.1332**	**0.1332**						**5,192.8818**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.19 Block 3 Finishing - 2029

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	lb/day										lb/day					
Off-Road	2.0431	18.0353	17.4747	0.0348		0.7829	0.7829		0.7353	0.7353						3,274.1508
Total	**2.0431**	**18.0353**	**17.4747**	**0.0348**		**0.7829**	**0.7829**		**0.7353**	**0.7353**						**3,274.1508**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	0.8221	5.8713	19.9157	0.0348		0.1273	0.1273		0.1273	0.1273						3,274.1508
Total	**0.8221**	**5.8713**	**19.9157**	**0.0348**		**0.1273**	**0.1273**		**0.1273**	**0.1273**						**3,274.1508**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.19 Block 3 Finishing - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7770	10.0870	16.5980	0.0399		0.2775	0.2775		0.2775	0.2775						3,700.2995
Total	**1.7770**	**10.0870**	**16.5980**	**0.0399**		**0.2775**	**0.2775**		**0.2775**	**0.2775**						**3,700.2995**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	0.7104	5.5770	19.8157	0.0399		0.0784	0.0784		0.0784	0.0784						3,700.2995
Total	**0.7104**	**5.5770**	**19.8157**	**0.0399**		**0.0784**	**0.0784**		**0.0784**	**0.0784**						**3,700.2995**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.20 Block 2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9986	0.0000	0.9986	0.1512	0.0000	0.1512						0.0000
Off-Road	2.4023	12.5356	27.2795	0.0566		0.3961	0.3961		0.3961	0.3961						5,658.0209
Total	**2.4023**	**12.5356**	**27.2795**	**0.0566**	**0.9986**	**0.3961**	**1.3947**	**0.1512**	**0.3961**	**0.5473**						**5,658.0209**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.3895	0.0000	0.3895	0.0590	0.0000	0.0590						0.0000
Off-Road	0.5968	2.5862	32.1425	0.0566		0.0796	0.0796		0.0796	0.0796						5,658.0208
Total	**0.5968**	**2.5862**	**32.1425**	**0.0566**	**0.3895**	**0.0796**	**0.4690**	**0.0590**	**0.0796**	**0.1385**						**5,658.0208**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.21 Block 2 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0874	0.0000	0.0874	0.0132	0.0000	0.0132						0.0000
Off-Road	3.9202	20.3171	47.8334	0.1087		0.5383	0.5383		0.5383	0.5383						10,331.2928
Total	**3.9202**	**20.3171**	**47.8334**	**0.1087**	**0.0874**	**0.5383**	**0.6257**	**0.0132**	**0.5383**	**0.5515**						**10,331.2928**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.0341	0.0000	0.0341	5.1600e-003	0.0000	5.1600e-003						0.0000
Off-Road	1.4476	8.2971	57.5000	0.1087		0.1852	0.1852		0.1852	0.1852						10,331.2928
Total	**1.4476**	**8.2971**	**57.5000**	**0.1087**	**0.0341**	**0.1852**	**0.2193**	**5.1600e-003**	**0.1852**	**0.1904**						**10,331.2928**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.21 Block 2 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0874	0.0000	0.0874	0.0132	0.0000	0.0132						0.0000
Off-Road	3.9202	20.3171	47.8334	0.1087		0.5383	0.5383		0.5383	0.5383						10,331.2928
Total	**3.9202**	**20.3171**	**47.8334**	**0.1087**	**0.0874**	**0.5383**	**0.6257**	**0.0132**	**0.5383**	**0.5515**						**10,331.2928**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.0341	0.0000	0.0341	5.1600e-003	0.0000	5.1600e-003						0.0000
Off-Road	1.4476	8.2971	57.5000	0.1087		0.1852	0.1852		0.1852	0.1852						10,331.2928
Total	**1.4476**	**8.2971**	**57.5000**	**0.1087**	**0.0341**	**0.1852**	**0.2193**	**5.1600e-003**	**0.1852**	**0.1904**						**10,331.2928**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.22 Block 2 Foundation - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3853	19.6112	36.8057	0.0891		0.4360	0.4360		0.4360	0.4360						8,308.0315
Total	**3.3853**	**19.6112**	**36.8057**	**0.0891**		**0.4360**	**0.4360**		**0.4360**	**0.4360**						**8,308.0315**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.4381	11.0347	44.8835	0.0891		0.1703	0.1703		0.1703	0.1703						8,308.0315
Total	**1.4381**	**11.0347**	**44.8835**	**0.0891**		**0.1703**	**0.1703**		**0.1703**	**0.1703**						**8,308.0315**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.23 Block 2 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1378	19.0772	34.7886	0.0774		0.4165	0.4165		0.4165	0.4165						7,199.9454
Total	**3.1378**	**19.0772**	**34.7886**	**0.0774**		**0.4165**	**0.4165**		**0.4165**	**0.4165**						**7,199.9454**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.3212	10.5280	40.5960	0.0774		0.1547	0.1547		0.1547	0.1547						7,199.9454
Total	**1.3212**	**10.5280**	**40.5960**	**0.0774**		**0.1547**	**0.1547**		**0.1547**	**0.1547**						**7,199.9454**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.23 Block 2 Building Construction - 2032

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	lb/day										lb/day					
Off-Road	3.1378	19.0772	34.7886	0.0774		0.4165	0.4165		0.4165	0.4165						7,199.9454
Total	**3.1378**	**19.0772**	**34.7886**	**0.0774**		**0.4165**	**0.4165**		**0.4165**	**0.4165**						**7,199.9454**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.3212	10.5280	40.5960	0.0774		0.1547	0.1547		0.1547	0.1547						7,199.9454
Total	**1.3212**	**10.5280**	**40.5960**	**0.0774**		**0.1547**	**0.1547**		**0.1547**	**0.1547**						**7,199.9454**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.24 Block 2 Finshing - 2032

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	lb/day										lb/day					
Off-Road	3.1896	18.7406	34.0286	0.0754		0.5643	0.5643		0.5643	0.5643						7,180.9239
Total	**3.1896**	**18.7406**	**34.0286**	**0.0754**		**0.5643**	**0.5643**		**0.5643**	**0.5643**						**7,180.9239**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.0946	8.0064	40.1444	0.0754		0.1268	0.1268		0.1268	0.1268						7,180.9239
Total	**1.0946**	**8.0064**	**40.1444**	**0.0754**		**0.1268**	**0.1268**		**0.1268**	**0.1268**						**7,180.9239**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.25 Block 1 Demolition - 2033

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	lb/day										lb/day					
Fugitive Dust					1.3048	0.0000	1.3048	0.1976	0.0000	0.1976						0.0000
Off-Road	2.2871	11.6664	25.4649	0.0534		0.3773	0.3773		0.3773	0.3773						5,361.4409
Total	**2.2871**	**11.6664**	**25.4649**	**0.0534**	**1.3048**	**0.3773**	**1.6822**	**0.1976**	**0.3773**	**0.5749**						**5,361.4409**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.5089	0.0000	0.5089	0.0771	0.0000	0.0771						0.0000
Off-Road	0.5655	2.4506	30.2132	0.0534		0.0754	0.0754		0.0754	0.0754						5,361.4408
Total	**0.5655**	**2.4506**	**30.2132**	**0.0534**	**0.5089**	**0.0754**	**0.5843**	**0.0771**	**0.0754**	**0.1525**						**5,361.4408**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.26 Block 1 Grading - 2033

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	lb/day										lb/day					
Fugitive Dust					0.0947	0.0000	0.0947	0.0143	0.0000	0.0143						0.0000
Off-Road	4.0474	20.2341	47.7663	0.1173		0.5586	0.5586		0.5586	0.5586						11,131.6065
Total	**4.0474**	**20.2341**	**47.7663**	**0.1173**	**0.0947**	**0.5586**	**0.6532**	**0.0143**	**0.5586**	**0.5729**						**11,131.6065**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Fugitive Dust					0.0369	0.0000	0.0369	5.5900e-003	0.0000	5.5900e-003						0.0000
Off-Road	1.5268	8.6406	59.4644	0.1173		0.1958	0.1958		0.1958	0.1958						11,131.6064
Total	**1.5268**	**8.6406**	**59.4644**	**0.1173**	**0.0369**	**0.1958**	**0.2327**	**5.5900e-003**	**0.1958**	**0.2014**						**11,131.6064**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.27 Block 1 Foundation - 2033

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	lb/day										lb/day					
Off-Road	3.7861	22.4357	40.4315	0.0928		0.4874	0.4874		0.4874	0.4874						8,622.3383
Total	**3.7861**	**22.4357**	**40.4315**	**0.0928**		**0.4874**	**0.4874**		**0.4874**	**0.4874**						**8,622.3383**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.6339	13.1323	47.8828	0.0928		0.1882	0.1882		0.1882	0.1882						8,622.3383
Total	**1.6339**	**13.1323**	**47.8828**	**0.0928**		**0.1882**	**0.1882**		**0.1882**	**0.1882**						**8,622.3383**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.27 Block 1 Foundation - 2034

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	lb/day										lb/day					
Off-Road	3.7861	22.4357	40.4315	0.0928		0.4874	0.4874		0.4874	0.4874						8,622.3383
Total	**3.7861**	**22.4357**	**40.4315**	**0.0928**		**0.4874**	**0.4874**		**0.4874**	**0.4874**						**8,622.3383**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.6339	13.1323	47.8828	0.0928		0.1882	0.1882		0.1882	0.1882						8,622.3383
Total	**1.6339**	**13.1323**	**47.8828**	**0.0928**		**0.1882**	**0.1882**		**0.1882**	**0.1882**						**8,622.3383**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.28 Block 1 Building Construction - 2034

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	lb/day										lb/day					
Off-Road	3.7861	22.4357	40.4315	0.0928		0.4874	0.4874		0.4874	0.4874						8,622.3383
Total	**3.7861**	**22.4357**	**40.4315**	**0.0928**		**0.4874**	**0.4874**		**0.4874**	**0.4874**						**8,622.3383**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.6339	13.1323	47.8828	0.0928		0.1882	0.1882		0.1882	0.1882						8,622.3383
Total	**1.6339**	**13.1323**	**47.8828**	**0.0928**		**0.1882**	**0.1882**		**0.1882**	**0.1882**						**8,622.3383**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.29 Block 1 Finishing - 2034

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	lb/day										lb/day					
Off-Road	3.5852	20.4161	36.8772	0.0863		0.6121	0.6121		0.6121	0.6121						8,216.8670
Total	**3.5852**	**20.4161**	**36.8772**	**0.0863**		**0.6121**	**0.6121**		**0.6121**	**0.6121**						**8,216.8670**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.2245	9.3342	44.6680	0.0863		0.1414	0.1414		0.1414	0.1414						8,216.8670
Total	**1.2245**	**9.3342**	**44.6680**	**0.0863**		**0.1414**	**0.1414**		**0.1414**	**0.1414**						**8,216.8670**

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	lb/day										lb/day					
Hauling	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
Worker	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**

3.29 Block 1 Finishing - 2035

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	lb/day										lb/day					
Off-Road	3.1610	16.4088	36.7434	0.0863		0.3580	0.3580		0.3580	0.3580						8,215.8800
Total	**3.1610**	**16.4088**	**36.7434**	**0.0863**		**0.3580**	**0.3580**		**0.3580**	**0.3580**						**8,215.8800**

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	lb/day										lb/day					
Hauling	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
Worker	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**

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	lb/day										lb/day					
Off-Road	1.1931	9.2422	44.6402	0.0863		0.1246	0.1246		0.1246	0.1246						8,215.8800
Total	**1.1931**	**9.2422**	**44.6402**	**0.0863**		**0.1246**	**0.1246**		**0.1246**	**0.1246**						**8,215.8800**

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	lb/day										lb/day					
Hauling	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
Worker	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**

District NoHo

Construction Emissions - NOx Emissions Maximum Day (Years 2022-2023)

CalEEMod Outputs -Time Slice 1

				NOx Emissions (lbs/day)			Truck Trips		
Overlapping Phases	**Name**	**Start Date**	**End Date**	**Total Emissions**	**Vendor**	**Onsite**	**Vendor Trips**	**Trip Length**	**Vendor VMT**
G	Block 0 Grading	2022/07/01	2022/11/30	40	33				
J	Block 8 Demolition	2022/11/01	2022/12/30	6	3				
K	Block 7 Grading	2022/11/01	2023/03/31	68	59				
L	West Lot Finishing	2022/11/01	2022/12/31	7	1				
Overlapping Emissions		11/1/2022	11/30/2022	**122**	**96**	**26**	**300**		**8,479**

Revised Calculations for 2010+ Trucks	
Onsite + Employee Emissions	26
Vendor Emissions (2010+ Trucks)	51
Total Emissions	**77**

CalEEMod Outputs - Time Slice 2

				NOx Emissions (lbs/day)			Truck Trips		
Overlapping Phases	**Name**	**Start Date**	**End Date**	**Total Emissions**	**Vendor**	**Onsite**	**Vendor Trips**	**Trip Length**	**Vendor VMT**
K	Block 7 Grading	2022/11/01	2023/03/31	47	37		100	29	2,900
N	Block 8 Grading	2023/01/01	2023/06/30	15	9		240	29	6,960
M	Block 0 Building Construction	2022/12/01	2023/07/31	63	50		100	6.9	690
Overlapping Emissions		1/1/2023	3/31/2023	**124**	**96**	**28**	**440**		**10,550**

Revised Calculations for 2010+ Trucks	
Onsite + Employee Emissions	28
Vendor Emissions (2010+ Trucks)	62
Total Emissions	**90**

CalEEMod Outputs - Time Slice 3

				NOx Emissions (lbs/day)			Truck Trips		
Overlapping Phases	**Name**	**Start Date**	**End Date**	**Total Emissions**	**Vendor**	**Onsite**	**Vendor Trips**	**Trip Length**	**Vendor VMT**
M	Block 0 Building Construction	2023/01/01	2023/12/31	13	7				
Q	Block 8 Foundation	2023/07/01	2023/10/31	112	84				
R	Block 7 Building Construction	2023/07/01	2023/12/31	19	7				
Overlapping Emissions		8/1/2023	10/31/2023	**144**	**98**	**46**	**1000**		**6,900**

Revised Calculations for 2010+ Trucks	
Onsite + Employee Emissions	46
Vendor Emissions (2010+ Trucks)	48
Total Emissions	**94**

District No Ho

Heavy Duty Diesel Truck Emissions Calculations

Construction Year	**2023**	
Truck Model Year	**2010**	
Time Slice - 1	11/1/2022	11/30/2022

Run Emissions

Trips per Day	300
Trip Length (mi.)	28
Daily VMT	8479

	TOG_RUNEX	CO_RUNEX	NOx_RUNEX	PM10_RUNEX	PM2_5_RUNEX	SOx_RUNEX
Run Emission Factors (g/mi)[1]	0.021	0.198	2.303	0.019	0.018	0.012
Run Emissions (lbs/day)	**0.38**	**3.70**	**43.05**	**0.35**	**0.34**	**0.23**
On-site Emissions (lbs/day)	0.00	0.03	0.38	0.00	0.00	0.00

Idle Emissions

Loads per Day	150
Idle Time Per Truck (min.)	15
Daily Idle Time (hrs)	37.50

	TOG	CO	NOx	PM10	PM2_5	SOx
Idle Emission Factors (g/hr)[2]	2.69	34.47	29.39	0.02	0.01	0.05
Idle Emissions (lbs/day)	**0.22**	**2.85**	**2.43**	**0.00**	**0.00**	**0.00**

Start Emissions

Trucks per Day	**100**
Cold Starts per Day	**1**
Warm Starts per Day	**10**

	TOG	CO	NOx	PM10	PM2_5	SOx
Cold Start Emission Factors (g/start)[2]	0	0	17.19	0	0	0
Warm Start Emission Factors (g/start)[2]	0	0	0.63	0	0	0
Start Emissions (lbs/day)	**0.000**	**0.000**	**5.187**	**0.000**	**0.000**	**0.000**

Brake and Tire Wear

	PM10_TW	PM10_BW	PM2.5_TW	PM2.5_BW
Brake and Tire Wear Emission Factors (g/mi)[1]	0.035	0.061	0.009	0.026
Run Emissions (lbs/day)	**0.66**	**1.14**	**0.17**	**0.49**
On-site Emissions (lbs/day)	0.00	0.00	0.00	0.00

Reentrained Road Dust

	PM10	PM2.5
Reentrained Dust Emission Factors (g/mi)[3]	0.294	0.073
Run Emissions (lbs/day)	**5.49**	**1.37**
On-site Emissions (lbs/day)	0.05	0.01

	TOG	CO	NOx	PM10	PM2_5	SOx
Total Emissions (Run + Idle + Start)	**0.61**	**6.55**	**50.67**	**0.41**	**0.36**	**0.24**
On-site Emissions (Run 0.25 mi + Idle)	**0.23**	**2.88**	**2.81**	**0.06**	**0.02**	**0.01**

[1] EMFAC2017 Web Database - Los Angeles County,EMFAC2007 Categories, HHDT

[2] EMFAC2017 Project Level (PL) v. 1.0.2 - Los Angeles County, EMFAC2007 Categories, HHDT

District No Ho

Heavy Duty Diesel Truck Emissions Calculations

Construction Year	**2023**	
Truck Model Year	**2010**	
Time Slice - 2	1/1/2023	3/31/2023

Run Emissions

Trips per Day	440
Trip Length (mi.)	24
Daily VMT	10550

	TOG_RUNEX	CO_RUNEX	NOx_RUNEX	PM10_RUNEX	PM2_5_RUNEX	SOx_RUNEX
Run Emission Factors (g/mi)[1]	0.021	0.198	2.303	0.019	0.018	0.012
Run Emissions (lbs/day)	**0.48**	**4.61**	**53.57**	**0.44**	**0.42**	**0.29**
On-site Emissions (lbs/day)	0.00	0.05	0.56	0.00	0.00	0.00

Idle Emissions

Loads per Day	220
Idle Time Per Truck (min.)	15
Daily Idle Time (hrs)	55.00

	TOG	CO	NOx	PM10	PM2_5	SOx
Idle Emission Factors (g/hr)[2]	2.69	34.47	29.39	0.02	0.01	0.05
Idle Emissions (lbs/day)	**0.33**	**4.18**	**3.56**	**0.00**	**0.00**	**0.01**

Start Emissions

Trucks per Day	**100**
Cold Starts per Day	**1**
Warm Starts per Day	**5**

	TOG	CO	NOx	PM10	PM2_5	SOx
Cold Start Emission Factors (g/start)[2]	0	0	17.19	0	0	0
Warm Start Emission Factors (g/start)[2]	0	0	0.63	0	0	0
Start Emissions (lbs/day)	**0.000**	**0.000**	**4.489**	**0.000**	**0.000**	**0.000**

Brake and Tire Wear

	PM10_TW	PM10_BW	PM2.5_TW	PM2.5_BW
Brake and Tire Wear Emission Factors (g/mi)[1]	0.035	0.061	0.009	0.026
Run Emissions (lbs/day)	**0.82**	**1.41**	**0.21**	**0.61**
On-site Emissions (lbs/day)	0.00	0.01	0.00	0.00

Reentrained Road Dust

	PM10	PM2.5
Reentrained Dust Emission Factors (g/mi)[3]	0.294	0.073
Run Emissions (lbs/day)	**6.83**	**1.71**
On-site Emissions (lbs/day)	0.07	0.02

	TOG	CO	NOx	PM10	PM2_5	SOx
Total Emissions (Run + Idle + Start)	**0.80**	**8.79**	**61.62**	**0.52**	**0.45**	**0.30**
On-site Emissions (Run 0.25 mi + Idle)	**0.33**	**4.23**	**4.12**	**0.09**	**0.03**	**0.01**

[1] EMFAC2017 Web Database - Los Angeles County,EMFAC2007 Categories, HHDT

[2] EMFAC2017 Project Level (PL) v. 1.0.2 - Los Angeles County, EMFAC2007 Categories, HHDT

District No Ho

Heavy Duty Diesel Truck Emissions Calculations

Construction Year	**2023**	
Truck Model Year	**2010**	
Time Slice - 3	8/1/2023	10/31/2023

Run Emissions

Trips per Day	1000					
Trip Length (mi.)	7					
Daily VMT	6900					
	TOG_RUNEX	CO_RUNEX	NOx_RUNEX	PM10_RUNEX	PM2_5_RUNEX	SOx_RUNEX
Run Emission Factors (g/mi)[1]	0.021	0.198	2.303	0.019	0.018	0.012
Run Emissions (lbs/day)	**0.31**	**3.01**	**35.04**	**0.29**	**0.28**	**0.19**
On-site Emissions (lbs/day)	0.01	0.11	1.27	0.01	0.01	0.01

Idle Emissions

Loads per Day	500					
Idle Time Per Truck (min.)	15					
Daily Idle Time (hrs)	125.00					
	TOG	CO	NOx	PM10	PM2_5	SOx
Idle Emission Factors (g/hr)[2]	2.69	34.47	29.39	0.02	0.01	0.05
Idle Emissions (lbs/day)	**0.74**	**9.50**	**8.10**	**0.00**	**0.00**	**0.02**

Start Emissions

Trucks per Day	**100**					
Cold Starts per Day	**1**					
Warm Starts per Day	**10**					
	TOG	CO	NOx	PM10	PM2_5	SOx
Cold Start Emission Factors (g/start)[2]	0	0	17.19	0	0	0
Warm Start Emission Factors (g/start)[2]	0	0	0.63	0	0	0
Start Emissions (lbs/day)	**0.000**	**0.000**	**5.187**	**0.000**	**0.000**	**0.000**

Brake and Tire Wear

	PM10_TW	PM10_BW	PM2.5_TW	PM2.5_BW
Brake and Tire Wear Emission Factors (g/mi)[1]	0.035	0.061	0.009	0.026
Run Emissions (lbs/day)	**0.54**	**0.92**	**0.13**	**0.40**
On-site Emissions (lbs/day)	0.01	0.01	0.00	0.01

Reentrained Road Dust

	PM10	PM2.5
Reentrained Dust Emission Factors (g/mi)[3]	0.294	0.073
Run Emissions (lbs/day)	**4.47**	**1.12**
On-site Emissions (lbs/day)	0.16	0.04

	TOG	CO	NOx	PM10	PM2_5	SOx
Total Emissions (Run + Idle + Start)	**1.05**	**12.51**	**48.32**	**0.48**	**0.33**	**0.20**
On-site Emissions (Run 0.25 mi + Idle)	**0.75**	**9.61**	**9.37**	**0.20**	**0.06**	**0.02**

[1] EMFAC2017 Web Database - Los Angeles County,EMFAC2007 Categories, HHDT

[2] EMFAC2017 Project Level (PL) v. 1.0.2 - Los Angeles County, EMFAC2007 Categories, HHDT

District NoHo

Mitigated Construction Emissions Calculations (Year 2024-2035)

	VOC	NOX	CO	SO2	PM10	PM2.5	
CalEEMod Emissions (Unmitigated)	2.6	98.2	19.0	0.3	6.2	1.8	CalEEMod Output, Year 2023, Offsite Truck Emissions
2010 and Newer Trucks (Mitigated)	1.1	48.3	19.0	0.3	0.3	0.2	EMFAC2017, Year 2023, Year 2010 and Newer Trucks
Percent Reduction	60%	51%	0%	0%	95%	89%	

	Time Slice		On-site + Employee Emissions (lbs/day)						Unmitigated Truck Emissions (lbs/day)						Mitigated Truck Emissions (lbs/day)					
Year	Start Date	End Date	VOC	NOX	CO	SO2	PM10	PM2.5	VOC	NOX	CO	SO2	PM10	PM2.5	VOC	NOX	CO	SO2	PM10	PM2.5
2024	1/1/2024	6/30/2024	10	49	177	0.4	10.4	3.6	1	44	16	0.2	4.7	1.3	1	29	16	0.2	0.2	0.1
2024	7/1/2024	9/30/2024	9	36	161	0.4	11.2	3.6	1	44	16	0.2	4.7	1.3	1	29	16	0.2	0.2	0.1
2025	10/1/2024	3/31/2025	9	37	133	0.3	13.2	4.1	2	86	24	0.3	5.1	1.5	1	56	24	0.3	0.3	0.2
2025	4/1/2025	4/30/2025	9	37	135	0.3	13.2	4.1	0	4	1	0.0	0.4	0.1	0	3	1	0.0	0.0	0.0
2025	5/1/2025	8/31/2025	5	23	80	0.2	8.4	2.6	0	2	1	0.0	0.2	0.1	0	1	1	0.0	0.0	0.0
2025	9/1/2025	12/31/2025	4	18	71	0.2	6.2	1.9	0	3	1	0.0	0.3	0.1	0	2	1	0.0	0.0	0.0
2026	1/1/2026	6/30/2026	59	18	71	0.2	6.2	1.9	0	3	1	0.0	0.3	0.1	0	2	1	0.0	0.0	0.0
2026	7/1/2026	7/31/2026	55	4	29	0.1	1.4	0.4	0	6	2	0.0	1.2	0.3	0	4	2	0.0	0.1	0.0
2026	8/1/2026	12/31/2026	57	11	60	0.1	2.0	0.6	1	29	11	0.1	3.2	0.9	0	19	11	0.1	0.2	0.1
2027	1/1/2027	3/31/2027	4	15	56	0.1	7.0	2.1	1	40	12	0.1	2.5	0.7	0	26	12	0.1	0.1	0.1
2027	4/1/2027	9/30/2027	4	15	56	0.1	7.0	2.1	0	3	1	0.0	0.2	0.1	0	2	1	0.0	0.0	0.0
2028	10/1/2027	6/30/2028	3	11	50	0.1	5.4	1.6	0	2	1	0.0	0.2	0.1	0	1	1	0.0	0.0	0.0
2028	7/1/2028	8/31/2028	1	2	25	0.0	0.8	0.2	0	2	1	0.0	0.3	0.1	0	2	1	0.0	0.0	0.0
2028	9/1/2028	12/31/2028	2	7	50	0.1	1.4	0.5	1	28	11	0.1	3.2	0.9	0	18	11	0.1	0.2	0.1
2029	1/1/2029	3/31/2029	1	5	23	0.1	1.2	0.4	1	40	12	0.1	2.5	0.7	0	26	12	0.1	0.1	0.1
2029	4/1/2029	9/28/2029	1	5	27	0.1	1.3	0.4	0	1	0	0.0	0.1	0.0	0	0	0	0.0	0.0	0.0
2030	10/1/2029	6/30/2030	1	6	19	0.0	1.0	0.4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
2030	7/1/2030	8/30/2030	1	3	28	0.1	0.8	0.2	0	5	2	0.0	0.6	0.2	0	3	2	0.0	0.0	0.0
2031	9/1/2030	2/28/2031	2	8	49	0.1	1.0	0.4	1	36	15	0.2	4.3	1.2	0	24	15	0.2	0.2	0.1
2031	3/1/2031	7/31/2031	3	12	47	0.1	6.3	1.8	2	78	24	0.2	4.9	1.4	1	51	24	0.2	0.3	0.2
2032	8/1/2031	2/27/2032	3	11	45	0.1	6.3	1.8	0	2	1	0.0	0.2	0.0	0	1	1	0.0	0.0	0.0
2032	3/1/2032	12/31/2032	2	9	41	0.1	4.8	1.4	0	2	1	0.0	0.2	0.1	0	1	1	0.0	0.0	0.0
2033	1/1/2033	2/28/2033	1	2	26	0.1	1.0	0.3	0	6	2	0.0	0.7	0.2	0	4	2	0.0	0.0	0.0
2033	3/1/2033	8/31/2033	2	9	49	0.1	1.1	0.4	1	35	15	0.2	4.3	1.2	0	23	15	0.2	0.2	0.1
2034	9/1/2033	1/31/2034	3	14	50	0.1	6.9	2.0	2	77	24	0.2	4.9	1.4	1	50	24	0.2	0.3	0.2
2034	2/1/2034	8/31/2034	3	14	50	0.1	6.9	2.0	0	2	1	0.0	0.2	0.1	0	1	1	0.0	0.0	0.0
2035	9/1/2034	6/29/2035	2	10	44	0.1	5.3	1.5	0	2	1	0.0	0.2	0.1	0	1	1	0.0	0.0	0.0

	Time Slice		Mitigated Total Emissions (lbs/day)					
Year	Start Date	End Date	VOC	NOX	CO	SO2	PM10	PM2.5
2024	1/1/2024	6/30/2024	11	78	192	1	11	4
2024	7/1/2024	9/30/2024	9	64	177	1	11	4
2025	10/1/2024	3/31/2025	10	93	157	1	14	4
2025	4/1/2025	4/30/2025	9	40	136	0	13	4
2025	5/1/2025	8/31/2025	5	25	81	0	8	3
2025	9/1/2025	12/31/2025	4	20	72	0	6	2
2026	1/1/2026	6/30/2026	59	20	72	0	6	2
2026	7/1/2026	7/31/2026	55	8	31	0	1	0
2026	8/1/2026	12/31/2026	57	30	71	0	2	1
2027	1/1/2027	3/31/2027	4	41	68	0	7	2
2027	4/1/2027	9/30/2027	4	17	57	0	7	2
2028	10/1/2027	6/30/2028	3	12	51	0	5	2
2028	7/1/2028	8/31/2028	1	4	26	0	1	0
2028	9/1/2028	12/31/2028	2	25	61	0	2	1
2029	1/1/2029	3/31/2029	2	31	35	0	1	1
2029	4/1/2029	9/28/2029	1	6	27	0	1	0
2030	10/1/2029	6/30/2030	1	6	19	0	1	0
2030	7/1/2030	8/30/2030	1	6	30	0	1	0
2030	9/1/2030	2/28/2031	2	32	64	0	1	1
2031	3/1/2031	7/31/2031	4	63	70	0	7	2
2032	8/1/2031	2/27/2032	3	12	45	0	6	2
2032	3/1/2032	12/31/2032	2	10	42	0	5	1
2033	1/1/2033	2/28/2033	1	6	28	0	1	0
2033	3/1/2033	8/31/2033	2	32	64	0	1	1
2033	9/1/2033	1/31/2034	4	64	74	0	7	2
2034	2/1/2034	8/31/2034	3	15	50	0	7	2
2035	9/1/2034	6/29/2035	2	11	45	0	5	2

Maximum Mitigated Emissions by Year (lbs/day)						
Year	VOC	NOX	CO	SO2	PM10	PM2.5
2024	11	78	192	1	11	4
2025	10	93	157	1	14	4
2026	59	30	71	0	6	2
2027	4	41	68	0	7	2
2028	3	25	61	0	5	2
2029	2	31	35	0	1	1
2030	1	6	64	0	1	0
2031	4	63	70	0	7	2
2032	3	12	45	0	6	2
2033	2	32	74	0	1	1
2034	4	64	74	0	7	2
2035	2	11	45	0	5	2

AQ SUMMARY OF EMISSIONS

Operation Emissions (Without Mitigation Measures)

Regional Baseline (Existing Year)	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	<1	<1	<1	<1	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	<1	<1	<1	<1	<1

Regional Baseline (Buidout Year)	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	<1	<1	<1	<1	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	<1	<1	<1	<1	<1

Regional Buildout (Buildout Year) No MXD	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	43	24	136	<1	3	3
Energy	1	11	7	<1	<1	<1
Mobile	20	115	245	1	137	37
Emergency Generator	1	3	3	<1	<1	<1
Total	65	153	390	1	141	41

Project Regional (Buildout Less Baseline (Buildout Year)) No MXD or PDFs

	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	42	24	136	<1	3	3
Energy	1	10	7	<1	<1	<1
Mobile	20	115	245	<1	137	37
Emergency Generator	1	3	3	<1	<1	<1
Total	63	152	390	<1	141	41
Threshold	**55**	**55**	**550**	**150**	**150**	**55**
Difference	**8**	**97**	**(160)**	**(149)**	**(9)**	**(14)**
Impact	Yes	Yes	No	No	No	No

Operation Emissions (With Mitigation Measures)

Regional Baseline (Existing Year)	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	<1	<1	<1	<1	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	<1	<1	<1	<1	<1

Regional Baseline (Buidout Year)	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	<1	<1	<1	<1	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	<1	<1	<1	<1	<1

Regional Buildout (Buildout Year)	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	40	3	126	<1	<1	<1
Energy	1	11	7	<1	<1	<1
Mobile	11	66	142	<1	80	22
Emergency Generator	1	3	3	<1	<1	<1
Total	54	82	278	<1	82	23

Project Regional (Buildout Less Baseline (Buildout Year))

	ROG	NO_x	CO	SO2	PM_{10}	$PM_{2.5}$
Area	39	3	126	<1	<1	<1
Energy	1	10	7	<1	<1	<1
Mobile	11	66	142	<1	80	22
Emergency Generator	1	3	3	<1	<1	<1
Total	53	82	278	<1	82	23
Threshold	**55**	**55**	**550**	**150**	**150**	**55**
Difference	**(2)**	**27**	**(272)**	**(150)**	**(68)**	**(32)**
Impact	No	Yes	No	No	No	No
Percent Reduction:	-17%	-46%	-29%	-75%	-42%	-42%

District NoHo Existing (2020)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	49.10	1000sqft	1.13	49,100.00	0
Parking Lot	1,098.00	Space	9.88	439,200.00	0
High Turnover (Sit Down Restaurant)	1.73	1000sqft	0.04	1,725.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2020
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	733	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Grading -

Vehicle Trips - Site Specific

Woodstoves - Consistent with SCAQM Rules

Area Coating -

Energy Use - Section 120.6 (c) CBC

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	1,730.00	1,725.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	733
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.3356	1.0900e-003	0.1181	1.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004						0.2683
Energy	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Total	**1.3490**	**0.1234**	**0.2208**	**7.4000e-004**	**0.0000**	**9.7100e-003**	**9.7100e-003**	**0.0000**	**9.7100e-003**	**9.7100e-003**						**147.8987**

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	lb/day										lb/day					
Area	1.3356	1.0900e-003	0.1181	1.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004						0.2683
Energy	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Total	**1.3490**	**0.1234**	**0.2208**	**7.4000e-004**	**0.0000**	**9.7100e-003**	**9.7100e-003**	**0.0000**	**9.7100e-003**	**9.7100e-003**						**147.8987**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	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

4.2 Trip Summary Information

	Average Daily Trip Rate	Unmitigated	Mitigated

Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Parking Lot	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Unrefrigerated Warehouse-No Rail	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907

5.0 Energy Detail

Historical Energy Use: Y

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	lb/day										lb/day					
NaturalGas Mitigated	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305
NaturalGas Unmitigated	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305

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	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	1107.54	0.0119	0.1086	0.0912	6.5000e-004		8.2500e-003	8.2500e-003		8.2500e-003	8.2500e-003						131.0737
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	139.901	1.5100e-003	0.0137	0.0115	8.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003						16.5568
Total		**0.0135**	**0.1223**	**0.1027**	**7.3000e-004**		**9.2900e-003**	**9.2900e-003**		**9.2900e-003**	**9.2900e-003**						**147.6305**

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	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	1.10754	0.0119	0.1086	0.0912	6.5000e-004		8.2500e-003	8.2500e-003		8.2500e-003	8.2500e-003						131.0737
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	0.139901	1.5100e-003	0.0137	0.0115	8.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003						16.5568
Total		**0.0135**	**0.1223**	**0.1027**	**7.3000e-004**		**9.2900e-003**	**9.2900e-003**		**9.2900e-003**	**9.2900e-003**						**147.6305**

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	lb/day										lb/day					
Mitigated	1.3356	1.0900e-003	0.1181	1.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004						0.2683
Unmitigated	1.3356	1.0900e-003	0.1181	1.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004						0.2683

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	lb/day										lb/day					
Architectural Coating	0.1626					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	1.1619					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	0.0111	1.0900e-003	0.1181	1.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004						0.2683
Total	**1.3356**	**1.0900e-003**	**0.1181**	**1.0000e-005**		**4.2000e-004**	**4.2000e-004**		**4.2000e-004**	**4.2000e-004**						**0.2683**

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	lb/day										lb/day					
Architectural Coating	0.1626					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	1.1619					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	0.0111	1.0900e-003	0.1181	1.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004						0.2683
Total	**1.3356**	**1.0900e-003**	**0.1181**	**1.0000e-005**		**4.2000e-004**	**4.2000e-004**		**4.2000e-004**	**4.2000e-004**						**0.2683**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

District NoHo Existing (2035)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	49.10	1000sqft	1.13	49,100.00	0
Parking Lot	1,098.00	Space	9.88	439,200.00	0
High Turnover (Sit Down Restaurant)	1.73	1000sqft	0.04	1,725.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	377	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Grading -

Vehicle Trips - Site Specific

Woodstoves - Consistent with SCAQM Rules

Area Coating -

Energy Use - Section 120.6 (c) CBC

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	1,730.00	1,725.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	377
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.3351	1.0500e-003	0.1166	1.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004						0.2676
Energy	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Total	**1.3486**	**0.1234**	**0.2194**	**7.4000e-004**	**0.0000**	**9.7000e-003**	**9.7000e-003**	**0.0000**	**9.7000e-003**	**9.7000e-003**						**147.8981**

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	lb/day										lb/day					
Area	1.3351	1.0500e-003	0.1166	1.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004						0.2676
Energy	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Total	**1.3486**	**0.1234**	**0.2194**	**7.4000e-004**	**0.0000**	**9.7000e-003**	**9.7000e-003**	**0.0000**	**9.7000e-003**	**9.7000e-003**						**147.8981**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Parking Lot	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Unrefrigerated Warehouse-No Rail	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807

5.0 Energy Detail

Historical Energy Use: Y

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	lb/day										lb/day					
NaturalGas Mitigated	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305
NaturalGas Unmitigated	0.0135	0.1223	0.1027	7.3000e-004		9.2900e-003	9.2900e-003		9.2900e-003	9.2900e-003						147.6305

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	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	1107.54	0.0119	0.1086	0.0912	6.5000e-004		8.2500e-003	8.2500e-003		8.2500e-003	8.2500e-003						131.0737
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	139.901	1.5100e-003	0.0137	0.0115	8.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003						16.5568
Total		**0.0135**	**0.1223**	**0.1027**	**7.3000e-004**		**9.2900e-003**	**9.2900e-003**		**9.2900e-003**	**9.2900e-003**						**147.6305**

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	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	1.10754	0.0119	0.1086	0.0912	6.5000e-004		8.2500e-003	8.2500e-003		8.2500e-003	8.2500e-003						131.0737
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	0.139901	1.5100e-003	0.0137	0.0115	8.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003						16.5568
Total		**0.0135**	**0.1223**	**0.1027**	**7.3000e-004**		**9.2900e-003**	**9.2900e-003**		**9.2900e-003**	**9.2900e-003**						**147.6305**

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	lb/day										lb/day					
Mitigated	1.3351	1.0500e-003	0.1166	1.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004						0.2676
Unmitigated	1.3351	1.0500e-003	0.1166	1.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004						0.2676

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	lb/day										lb/day					
Architectural Coating	0.1626					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	1.1619					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	0.0107	1.0500e-003	0.1166	1.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004						0.2676
Total	**1.3351**	**1.0500e-003**	**0.1166**	**1.0000e-005**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**						**0.2676**

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	lb/day										lb/day					
Architectural Coating	0.1626					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	1.1619					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	0.0107	1.0500e-003	0.1166	1.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004						0.2676

Total	1.3351	1.0500e-003	0.1166	1.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004						0.2676

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

District NoHo Phase 1 Operations

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	0.00	580,374.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	707.00	Space	6.36	282,800.00	0
Unenclosed Parking Structure	563.00	Space	5.07	225,200.00	0
High Turnover (Sit Down Restaurant)	53.69	1000sqft	1.23	53,690.00	0
Apartments Mid Rise	551.00	Dwelling Unit	14.50	551,000.00	1576
Strip Mall	4.22	1000sqft	0.10	4,218.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2026
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Grading -

Woodstoves - Consistent with SCAQM Rules

Consumer Products - Updated to reflect 2012 ARB data.

Energy Use - Section 120.6 (c) CBC

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF -

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	1.98E-05	1.75E-05
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	NumberGas	468.35	27.00
tblFireplaces	NumberWood	27.55	0.00
tblLandUse	LandUseSquareFeet	580,370.00	580,374.00

tblLandUse	LandUseSquareFeet	4,220.00	4,218.00
tblLandUse	LotAcreage	13.32	0.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.25
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	12.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	3.00
tblVehicleTrips	CC_TL	8.40	8.85
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	6,155.00
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	5,008.00
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	7,674.00
tblWoodstoves	NumberCatalytic	27.55	0.00
tblWoodstoves	NumberNoncatalytic	27.55	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	25.0306	0.9728	45.8002	5.2700e-003		0.2889	0.2889		0.2889	0.2889						659.4193
Energy	0.7235	6.4798	4.8100	0.0395		0.4999	0.4999		0.4999	0.4999						7,939.5994
Mobile	10.2478	47.6841	131.5559	0.5504	52.5526	0.4215	52.9741	14.0599	0.3914	14.4513						56,300.0646
Stationary	0.6154	1.7200	1.5691	2.9600e-003		0.0905	0.0905		0.0905	0.0905						315.9212
Total	**36.6173**	**56.8566**	**183.7352**	**0.5981**	**52.5526**	**1.3008**	**53.8534**	**14.0599**	**1.2707**	**15.3306**						**65,215.0045**

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	lb/day										lb/day					
Area	25.0306	0.9728	45.8002	5.2700e-003		0.2889	0.2889		0.2889	0.2889						659.4193
Energy	0.6918	6.1961	4.5988	0.0377		0.4780	0.4780		0.4780	0.4780						7,592.1499
Mobile	10.1979	47.4247	130.3845	0.5448	51.9850	0.4174	52.4024	13.9081	0.3876	14.2957						55,726.8499
Stationary	0.6154	1.7200	1.5691	2.9600e-003		0.0905	0.0905		0.0905	0.0905						315.9212
Total	**36.5357**	**56.3135**	**182.3526**	**0.5908**	**51.9850**	**1.2749**	**53.2599**	**13.9081**	**1.2450**	**15.1531**						**64,294.3403**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.22**	**0.96**	**0.75**	**1.23**	**1.08**	**2.00**	**1.10**	**1.08**	**2.02**	**1.16**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.41**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.1979	47.4247	130.3845	0.5448	51.9850	0.4174	52.4024	13.9081	0.3876	14.2957						55,726.8499
Unmitigated	10.2478	47.6841	131.5559	0.5504	52.5526	0.4215	52.9741	14.0599	0.3914	14.4513						56,300.0646

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
User Defined Commercial	7,674.00	6,155.00	5008.00	22,795,087	22,548,900
Total	7,674.00	6,155.00	5,008.00	22,795,087	22,548,900

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.85	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Enclosed Parking with Elevator	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
General Office Building	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
High Turnover (Sit Down Restaurant)	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Strip Mall	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Unenclosed Parking Structure	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
User Defined Commercial	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.6918	6.1961	4.5988	0.0377		0.4780	0.4780		0.4780	0.4780						7,592.1499
NaturalGas Unmitigated	0.7235	6.4798	4.8100	0.0395		0.4999	0.4999		0.4999	0.4999						7,939.5994

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	lb/day										lb/day					
Apartments Mid Rise	16572.5	0.1787	1.5273	0.6499	9.7500e-003		0.1235	0.1235		0.1235	0.1235						1,961.2968
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	16552.6	0.1785	1.6228	1.3632	9.7400e-003		0.1233	0.1233		0.1233	0.1233						1,958.9351
High Turnover (Sit Down Restaurant)	33943.8	0.3661	3.3278	2.7954	0.0200		0.2529	0.2529		0.2529	0.2529						4,017.1246
Strip Mall	18.9521	2.0000e-004	1.8600e-003	1.5600e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004						2.2429
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.7235**	**6.4798**	**4.8100**	**0.0395**		**0.4999**	**0.4999**		**0.4999**	**0.4999**						**7,939.5994**

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	lb/day										lb/day					
Apartments Mid Rise	15.8635	0.1711	1.4619	0.6221	9.3300e-003		0.1182	0.1182		0.1182	0.1182						1,877.3797
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	14.9593	0.1613	1.4666	1.2320	8.8000e-003		0.1115	0.1115		0.1115	0.1115						1,770.3805
High Turnover (Sit Down Restaurant)	33.3116	0.3592	3.2659	2.7433	0.0196		0.2482	0.2482		0.2482	0.2482						3,942.3040
Strip Mall	0.0176232	1.9000e-004	1.7300e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004						2.0856
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.6918**	**6.1961**	**4.5988**	**0.0377**		**0.4780**	**0.4780**		**0.4780**	**0.4780**						**7,592.1499**

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	lb/day										lb/day					
Mitigated	25.0306	0.9728	45.8002	5.2700e-003		0.2889	0.2889		0.2889	0.2889						659.4193
Unmitigated	25.0306	0.9728	45.8002	5.2700e-003		0.2889	0.2889		0.2889	0.2889						659.4193

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	lb/day										lb/day					
Architectural Coating	2.6044					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	20.9924					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.0524	0.4479	0.1906	2.8600e-003		0.0362	0.0362		0.0362	0.0362						575.1624
Landscaping	1.3815	0.5249	45.6096	2.4100e-003		0.2527	0.2527		0.2527	0.2527						84.2569
Total	**25.0306**	**0.9728**	**45.8002**	**5.2700e-003**		**0.2889**	**0.2889**		**0.2889**	**0.2889**						**659.4193**

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	lb/day										lb/day					
Architectural Coating	2.6044					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	20.9924					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.0524	0.4479	0.1906	2.8600e-003		0.0362	0.0362		0.0362	0.0362						575.1624
Landscaping	1.3815	0.5249	45.6096	2.4100e-003		0.2527	0.2527		0.2527	0.2527						84.2569
Total	**25.0306**	**0.9728**	**45.8002**	**5.2700e-003**		**0.2889**	**0.2889**		**0.2889**	**0.2889**						**659.4193**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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
Emergency Generator	3	0.25	12	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (... HP)	0.6154	1.7200	1.5691	2.9600e-003		0.0905	0.0905		0.0905	0.0905						315.9212
Total	**0.6154**	**1.7200**	**1.5691**	**2.9600e-003**		**0.0905**	**0.0905**		**0.0905**	**0.0905**						**315.9212**

11.0 Vegetation

District NoHo Buildout (No PDFs)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	0.00	580,374.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	2,530.00	Space	0.00	1,012,000.00	0
Unenclosed Parking Structure	1,057.00	Space	0.00	422,800.00	0
High Turnover (Sit Down Restaurant)	75.00	1000sqft	0.00	75,000.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	15.90	1,195,111.00	4367
Strip Mall	30.13	1000sqft	0.00	30,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	377	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Woodstoves - Consistent with SCAQM Rules

Consumer Products - Updated to reflect 2012 ARB data.

Energy Use - Section 120.6 (c) CBC

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF - AQMD BACT

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	1.98E-05	1.7E-05
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	NumberGas	1,297.95	1,374.00
tblFireplaces	NumberWood	76.35	0.00
tblLandUse	LandUseSquareFeet	580,370.00	580,374.00
tblLandUse	LandUseSquareFeet	1,527,000.00	1,195,111.00
tblLandUse	LandUseSquareFeet	30,130.00	30,125.00
tblLandUse	LotAcreage	13.32	0.00
tblLandUse	LotAcreage	22.77	0.00

tblLandUse	LotAcreage	9.51	0.00
tblLandUse	LotAcreage	1.72	0.00
tblLandUse	LotAcreage	40.18	15.90
tblLandUse	LotAcreage	0.69	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	377
tblVehicleTrips	CC_TL	8.40	8.11
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	19,350.00
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	16,171.00
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	21,742.00
tblWoodstoves	NumberCatalytic	76.35	0.00
tblWoodstoves	NumberNoncatalytic	76.35	0.00

2.0 Emissions Summary

2.1 Overall Construction

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	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574
Energy	0.2166	1.9194	1.2922	0.0118		0.1496	0.1496		0.1496	0.1496						5,704.6463
Mobile	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274
Stationary	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Waste						0.0000	0.0000		0.0000	0.0000						1,089.4356
Water						0.0000	0.0000		0.0000	0.0000						1,066.3672
Total	**10.7088**	**22.5927**	**59.9019**	**0.2344**	**23.0828**	**0.3767**	**23.4595**	**6.1849**	**0.3687**	**6.5536**						**28,742.4978**

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	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574
Energy	0.2078	1.8419	1.2407	0.0113		0.1436	0.1436		0.1436	0.1436						5,544.1300
Mobile	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274
Stationary	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Waste						0.0000	0.0000		0.0000	0.0000						257.1068
Water						0.0000	0.0000		0.0000	0.0000						1,066.3672
Total	**10.7000**	**22.5152**	**59.8505**	**0.2339**	**23.0828**	**0.3707**	**23.4535**	**6.1849**	**0.3627**	**6.5475**						**27,749.6527**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.08**	**0.34**	**0.09**	**0.20**	**0.00**	**1.61**	**0.03**	**0.00**	**1.64**	**0.09**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.45**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274
Unmitigated	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
User Defined Commercial	21,742.00	19,350.00	16171.00	60,825,097	60,825,097
Total	21,742.00	19,350.00	16,171.00	60,825,097	60,825,097

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.11	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Enclosed Parking with Elevator	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
General Office Building	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
High Turnover (Sit Down Restaurant)	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Strip Mall	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Unenclosed Parking Structure	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
User Defined Commercial	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						3,475.4192
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000						3,548.7250
NaturalGas Mitigated	0.2078	1.8419	1.2407	0.0113		0.1436	0.1436		0.1436	0.1436						2,068.7109
NaturalGas Unmitigated	0.2166	1.9194	1.2922	0.0118		0.1496	0.1496		0.1496	0.1496						2,155.9214

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.67637e+007	0.0904	0.7724	0.3287	4.9300e-003		0.0625	0.0625		0.0625	0.0625						899.8899
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	6.04169e+006	0.0326	0.2962	0.2488	1.7800e-003		0.0225	0.0225		0.0225	0.0225						324.3237
High Turnover (Sit Down Restaurant)	1.7307e+007	0.0933	0.8484	0.7126	5.0900e-003		0.0645	0.0645		0.0645	0.0645						929.0557
Strip Mall	49405	2.7000e-004	2.4200e-003	2.0300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004						2.6521
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.2166**	**1.9194**	**1.2922**	**0.0118**		**0.1496**	**0.1496**		**0.1496**	**0.1496**						**2,155.9214**

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					
Apartments Mid Rise	1.60464e+007	0.0865	0.7394	0.3146	4.7200e-003		0.0598	0.0598		0.0598	0.0598						861.3867
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	5.46016e+006	0.0294	0.2677	0.2248	1.6100e-003		0.0203	0.0203		0.0203	0.0203						293.1064
High Turnover (Sit Down Restaurant)	1.69847e+007	0.0916	0.8326	0.6994	5.0000e-003		0.0633	0.0633		0.0633	0.0633						911.7517
Strip Mall	45940.6	2.5000e-004	2.2500e-003	1.8900e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004						2.4661
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.2078**	**1.8419**	**1.2407**	**0.0113**		**0.1436**	**0.1436**		**0.1436**	**0.1436**						**2,068.7109**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	6.18989e+006				1,065.5542
Enclosed Parking with Elevator	2.4288e+006				418.1038
General Office Building	7.53906e+006				1,297.8052
High Turnover (Sit Down Restaurant)	3.3105e+006				569.8834
Strip Mall	406688				70.0089
Unenclosed Parking Structure	739900				127.3695
User Defined Commercial	0				0.0000
Total					**3,548.7250**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	6.15048e+006				1,058.7699
Enclosed Parking with Elevator	2.38225e+006				410.0902
General Office Building	7.27209e+006				1,251.8475
High Turnover (Sit Down Restaurant)	3.24968e+006				559.4127

Strip Mall	394607				67.9294
Unenclosed Parking Structure	739900				127.3695
User Defined Commercial	0				0.0000
Total					**3,475.4192**

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	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574
Unmitigated	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574

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	0.7116					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	5.9273					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.0333	0.2849	0.1212	1.8200e-003		0.0230	0.0230		0.0230	0.0230						331.9091
Landscaping	0.4742	0.1815	15.7463	8.4000e-004		0.0875	0.0875		0.0875	0.0875						26.4482
Total	**7.1464**	**0.4664**	**15.8676**	**2.6600e-003**		**0.1106**	**0.1106**		**0.1106**	**0.1106**						**358.3574**

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	0.7116					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	5.9273					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.0333	0.2849	0.1212	1.8200e-003		0.0230	0.0230		0.0230	0.0230						331.9091
Landscaping	0.4742	0.1815	15.7463	8.4000e-004		0.0875	0.0875		0.0875	0.0875						26.4482
Total	**7.1464**	**0.4664**	**15.8676**	**2.6600e-003**		**0.1106**	**0.1106**		**0.1106**	**0.1106**						**358.3574**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				1,066.3672
Unmitigated				1,066.3672

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	99.4902 / 62.7221				478.3858
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	103.151 / 63.2218				492.5313
High Turnover (Sit Down Restaurant)	22.765 / 1.45309				84.7935
Strip Mall	2.23181 / 1.36788				10.6565
Unenclosed Parking Structure	0 / 0				0.0000
User Defined Commercial	0 / 0				0.0000
Total					**1,066.3672**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	99.4902 / 62.7221				478.3858
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	103.151 / 63.2218				492.5313
High Turnover (Sit Down Restaurant)	22.765 / 1.45309				84.7935
Strip Mall	2.23181 / 1.36788				10.6565
Unenclosed Parking Structure	0 / 0				0.0000
User Defined Commercial	0 / 0				0.0000

Total				**1,066.3672**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				257.1068
Unmitigated				1,089.4356

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	702.42				353.2481
Enclosed Parking with Elevator	0				0.0000
General Office Building	539.74				271.4361
High Turnover (Sit Down Restaurant)	892.5				448.8396
Strip Mall	31.64				15.9118
Unenclosed Parking Structure	0				0.0000
User Defined Commercial	0				0.0000
Total					**1,089.4356**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	165.771				83.3666
Enclosed Parking with Elevator	0				0.0000
General Office Building	127.379				64.0589
High Turnover (Sit Down Restaurant)	210.63				105.9262
Strip Mall	7.46704				3.7552

Unenclosed Parking Structure	0			0.0000
User Defined Commercial	0			0.0000
Total				**257.1068**

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
Emergency Generator	5	0.25	12	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (600 - 900 HP)	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Total	**0.0246**	**0.0688**	**0.0628**	**1.2000e-004**		**3.6200e-003**	**3.6200e-003**		**3.6200e-003**	**3.6200e-003**						**11.4640**

11.0 Vegetation

District NoHo Buildout

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	0.00	580,374.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	2,530.00	Space	0.00	1,012,000.00	0
Unenclosed Parking Structure	1,057.00	Space	0.00	422,800.00	0
High Turnover (Sit Down Restaurant)	75.00	1000sqft	0.00	75,000.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	15.90	1,195,111.00	4367
Strip Mall	30.13	1000sqft	0.00	30,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	377	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Woodstoves - Consistent with SCAQM Rules

Consumer Products - Updated to reflect 2012 ARB data.

Energy Use - Section 120.6 (c) CBC

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF - AQMD BACT

Vehicle Trips - LADOT VMT Calculator

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	1.98E-05	1.7E-05
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	NumberGas	1,297.95	75.00
tblFireplaces	NumberNoFireplace	152.70	0.00
tblFireplaces	NumberWood	76.35	0.00
tblLandUse	LandUseSquareFeet	580,370.00	580,374.00
tblLandUse	LandUseSquareFeet	1,527,000.00	1,195,111.00
tblLandUse	LandUseSquareFeet	30,130.00	30,125.00

tblLandUse	LotAcreage	13.32	0.00
tblLandUse	LotAcreage	22.77	0.00
tblLandUse	LotAcreage	9.51	0.00
tblLandUse	LotAcreage	1.72	0.00
tblLandUse	LotAcreage	40.18	15.90
tblLandUse	LotAcreage	0.69	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	377
tblVehicleTrips	CC_TL	8.40	8.35
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	11,058.00
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	9,242.00
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	12,425.00
tblWoodstoves	NumberCatalytic	76.35	0.00
tblWoodstoves	NumberNoncatalytic	76.35	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
Area	40.3164	2.6964	126.4999	0.0146		0.8008	0.8008		0.8008	0.8008						1,830.9067
Energy	1.1866	10.5173	7.0803	0.0647		0.8199	0.8199		0.8199	0.8199						13,021.8987
Mobile	11.4260	66.4807	143.1821	0.7380	80.2944	0.3850	80.6795	21.4795	0.3577	21.8373						75,898.3525
Stationary	1.0257	2.8667	2.6152	4.9300e-003		0.1509	0.1509		0.1509	0.1509						526.5354
Total	**53.9547**	**82.5610**	**279.3775**	**0.8223**	**80.2944**	**2.1565**	**82.4509**	**21.4795**	**2.1292**	**23.6087**						**91,277.6932**

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	lb/day										lb/day					
Area	40.3164	2.6964	126.4999	0.0146		0.8008	0.8008		0.8008	0.8008						1,830.9067
Energy	1.1386	10.0925	6.7985	0.0621		0.7867	0.7867		0.7867	0.7867						12,495.1419
Mobile	11.3808	66.2638	142.2383	0.7325	79.6521	0.3823	80.0344	21.3077	0.3552	21.6629						75,332.7707
Stationary	1.0257	2.8667	2.6152	4.9300e-003		0.1509	0.1509		0.1509	0.1509						526.5354
Total	**53.8615**	**81.9194**	**278.1519**	**0.8142**	**79.6521**	**2.1206**	**81.7727**	**21.3077**	**2.0935**	**23.4012**						**90,185.3547**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.17**	**0.78**	**0.44**	**0.99**	**0.80**	**1.67**	**0.82**	**0.80**	**1.68**	**0.88**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.20**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.3808	66.2638	142.2383	0.7325	79.6521	0.3823	80.0344	21.3077	0.3552	21.6629						75,332.7707
Unmitigated	11.4260	66.4807	143.1821	0.7380	80.2944	0.3850	80.6795	21.4795	0.3577	21.8373						75,898.3525

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
User Defined Commercial	12,425.00	11,058.00	9242.00	35,788,935	35,502,624
Total	12,425.00	11,058.00	9,242.00	35,788,935	35,502,624

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.35	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH

Apartments Mid Rise	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Enclosed Parking with Elevator	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
General Office Building	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
High Turnover (Sit Down Restaurant)	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Strip Mall	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Unenclosed Parking Structure	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
User Defined Commercial	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.1386	10.0925	6.7985	0.0621		0.7867	0.7867		0.7867	0.7867						12,495.1419
NaturalGas Unmitigated	1.1866	10.5173	7.0803	0.0647		0.8199	0.8199		0.8199	0.8199						13,021.8987

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	lb/day										lb/day					
Apartments Mid Rise	45927.9	0.4953	4.2326	1.8011	0.0270		0.3422	0.3422		0.3422	0.3422						5,435.3905
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	16552.6	0.1785	1.6228	1.3632	9.7400e-003		0.1233	0.1233		0.1233	0.1233						1,958.9351
High Turnover (Sit Down Restaurant)	47416.4	0.5114	4.6487	3.9049	0.0279		0.3533	0.3533		0.3533	0.3533						5,611.5542
Strip Mall	135.356	1.4600e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						16.0189
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**1.1866**	**10.5173**	**7.0803**	**0.0647**		**0.8199**	**0.8199**		**0.8199**	**0.8199**						**13,021.8987**

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	lb/day										lb/day					
Apartments Mid Rise	43.9628	0.4741	4.0515	1.7240	0.0259		0.3276	0.3276		0.3276	0.3276						5,202.8291
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	14.9593	0.1613	1.4666	1.2320	8.8000e-003		0.1115	0.1115		0.1115	0.1115						1,770.3805
High Turnover (Sit Down Restaurant)	46.5333	0.5018	4.5621	3.8322	0.0274		0.3467	0.3467		0.3467	0.3467						5,507.0367
Strip Mall	0.125865	1.3600e-003	0.0123	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						14.8956
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**1.1386**	**10.0925**	**6.7985**	**0.0621**		**0.7867**	**0.7867**		**0.7867**	**0.7867**						**12,495.1419**

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	lb/day										lb/day					
Mitigated	40.3164	2.6964	126.4999	0.0146		0.8008	0.8008		0.8008	0.8008						1,830.9067
Unmitigated	40.3164	2.6964	126.4999	0.0146		0.8008	0.8008		0.8008	0.8008						1,830.9067

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	lb/day										lb/day					
Architectural Coating	3.8991					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	32.4786					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.1456	1.2441	0.5294	7.9400e-003		0.1006	0.1006		0.1006	0.1006						1,597.6734
Landscaping	3.7932	1.4522	125.9705	6.6800e-003		0.7002	0.7002		0.7002	0.7002						233.2333
Total	**40.3165**	**2.6964**	**126.4999**	**0.0146**		**0.8008**	**0.8008**		**0.8008**	**0.8008**						**1,830.9067**

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	lb/day										lb/day					

Architectural Coating	3.8991					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	32.4786					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.1456	1.2441	0.5294	7.9400e-003		0.1006	0.1006		0.1006	0.1006						1,597.6734
Landscaping	3.7932	1.4522	125.9705	6.6800e-003		0.7002	0.7002		0.7002	0.7002						233.2333
Total	**40.3165**	**2.6964**	**126.4999**	**0.0146**		**0.8008**	**0.8008**		**0.8008**	**0.8008**						**1,830.9067**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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
Emergency Generator	5	0.25	12	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (300 - 600 HP)	1.0257	2.8667	2.6152	4.9300e-003		0.1509	0.1509		0.1509	0.1509						526.5354
Total	**1.0257**	**2.8667**	**2.6152**	**4.9300e-003**		**0.1509**	**0.1509**		**0.1509**	**0.1509**						**526.5354**

11.0 Vegetation

Project Name: **District NoHo**
Scenario Name: **Future with Project Conditions - Year 2037, Full Buildout**
Description:

Data provided by GTC on July 20, 2020

			AM												PM														
			1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
Int	N/S Street	E/W Street	SBR	SBT	SBL	WBR	WBT	WBL	NBR	NBT	NBL	EBR	EBT	EBL	SBR	SBT	SBL	WBR	WBT	WBL	NBR	NBT	NBL	EBR	EBT	EBL			
1	SR-170 Southb	Burbank Boule	267	31	920	0	1459	0	71	0	1	7	1817	0	217	9	492	0	1733	0	20	0	1	8	1826	0	4573	4306	
2	SR-170 Northb	Burbank Boule	0	0	0	554	1671	0	0	0	0	0	1595	303	0	0	0	604	1954	0	0	0	0	0	1586	235	4123	4379	
3	Colfax Avenue	Burbank Boule	285	397	88	47	1747	91	127	383	186	204	1298	75	308	328	51	90	1909	102	226	387	329	90	1381	110	4928	5311	
4	Troost Avenue	Burbank Boule	62	0	14	4	1149	0	257	25	519	0	1563	12	25	0	6	11	1352	0	279	78	724	0	1525	26	3605	4026	
5	Lankershim / T	Burbank Boule	52	988	115	74	738	68	98	418	236	537	797	72	81	554	80	77	812	47	137	720	339	366	809	191	4193	4213	
6	Vineland Aven	Burbank Boule	156	1371	134	56	558	133	155	655	99	307	685	111	152	836	107	97	781	124	219	1066	160	86	699	134	4420	4461	
7	Tujunga Avenu	Cumpston Stre	0	612	21	8	0	93	284	89	0	0	0	0	0	361	23	16	0	73	215	124	0	0	0	0	1107	812	
8	Lankershim Bo	Cumpston Stre	50	1398	163	219	60	192	99	535	22	105	94	133	32	707	269	257	133	129	106	988	31	47	65	154	3070	2918	
9	Elmer Avenue	Cumpston Stre	60	0	36	12	356	1	1	0	11	16	282	86	57	0	11	5	409	1	1	0	14	20	293	63	861	874	
10	Klump Avenue	Cumpston Stre	72	4	15	73	161	1	0	5	116	89	150	47	32	6	8	60	227	1	0	4	133	65	105	60	733	701	
11	Bonner Avenue	Cumpston Stre	38	51	7	4	112	64	13	2	105	135	12	0	41	23	4	1	71	62	19	9	198	88	21	2	543	539	
12	Fair Avenue	District Way	0	251	0	0	0	0	0	64	17	24	0	0	0	116	0	0	0	0	0	207	27	19	0	0	356	369	
13	Fair Avenue	Demonstration	0	306	90	1	0	0	132	80	0	0	0	0	0	155	2	43	0	73	0	179	0	0	0	0	609	452	
14	Colfax Avenue	Chandler Boule	26	565	147	89	397	155	92	460	151	200	995	134	62	377	56	225	423	56	75	589	171	127	544	135	3411	2840	
15	Tujunga Avenu	Chandler Boule	225	534	0	132	362	226	32	320	0	0	0	0	103	336	0	68	349	139	34	350	0	0	0	0	1831	1379	
16	Lankershim Bo	Chandler Boule	223	1495	0	0	0	0	0	645	336	18	0	14	128	746	0	0	0	0	0	1190	496	17	0	18	2731	2595	
17	Tujunga Avenu	Orange Line Bu	0	723	0	0	15	0	5	263	0	1	15	0	0	439	0	1	14	0	1	320	0	1	14	0	1022	790	
18	Tujunga Avenu	Chandler Boule	0	690	45	32	0	0	228	186	0	300	834	109	0	427	41	34	0	0	303	236	0	109	549	77	2424	1776	
19	Bakman Avenu	Chandler Boule	0	0	0	0	40	0	134	0	0	79	915	0	0	0	0	0	41	0	179	0	0	45	973	0	1168	1238	
20	Lankershim Bo	Chandler Boule	12	1247	183	263	7	554	139	496	21	134	652	268	13	584	160	403	7	376	282	949	21	105	686	263	3976	3849	
21	Klump Avenue	Chandler Boule	221	0	72	78	514	15	25	0	1	32	753	236	212	0	82	84	533	15	31	0	7	53	733	322	1947	2072	
22	Fair Avenue	Chandler Boule	140	1	156	143	488	2	7	1	2	6	730	165	137	0	97	128	546	5	6	0	2	8	761	60	1841	1750	
23	Vineland Aven	Chandler Boule	401	1280	0	5	0	2	0	635	170	378	0	491	388	904	0	1	0	0	0	1074	220	276	0	555	3362	3418	
24	Vineland Aven	Chandler Boule	0	1596	50	33	0	121	221	882	0	0	0	0	0	1005	44	49	0	254	257	1392	1	0	0	0	2903	3002	
25	Bakman Avenu	Weddington St	76	11	57	8	149	131	58	83	39	36	242	8	192	30	79	23	135	50	33	64	27	13	135	20	898	801	
26	Lankershim Bo	Weddington St	198	1813	66	77	52	60	97	614	84	39	40	26	149	889	57	121	64	91	121	1063	75	64	28	54	3166	2776	
27	SR-170 Southb	Magnolia Boule	326	411	925	0	1200	393	0	0	0	715	707	0	156	2	480	0	1506	474	0	0	0	590	890	0	4677	4098	
28	SR-170 Northb	Magnolia Boule	0	0	0	457	1116	0	347	4	488	0	1461	173	0	0	0	661	1440	0	552	5	540	0	1190	169	4046	4557	
29	Tujunga Avenu	Magnolia Boule	327	653	57	1	1078	286	144	309	165	580	910	285	372	376	51	12	1548	232	170	329	170	216	1211	316	4795	5003	
30	Lankershim Bo	Magnolia Boule	491	1215	122	117	915	61	54	445	108	253	703	276	322	609	131	170	1293	79	89	777	191	255	755	271	4760	4942	
31	Vineland Aven	Magnolia Boule	216	1027	324	142	755	109	89	498	175	48	685	78	192	735	327	186	1090	126	158	900	225	62	757	78	4146	4836	
32	Tujunga Avenu	Camarillo Stree	61	1344	252	142	504	245	47	609	32	138	479	195	123	555	66	140	428	153	23	614	24	158	252	193	4048	2729	
33	Lankershim / V	Camarillo Stree	113	928	19	12	411	63	6	291	15	76	231	32	72	538	34	47	350	52	50	587	78	72	266	64	2197	2210	
34	Tujunga Avenu	US 101 Westbo	483	1396	1	0	0	0	0	803	96	0	0	0	408	718	0	0	0	0	0	753	144	0	0	0	2779	2023	
35	Tujunga Avenu	US 101 Eastbo	0	1214	0	153	0	24	0	514	0	0	0	0	0	462	0	286	0	78	0	647	1	0	0	0	1905	1474	
36	Vineland Aven	Riverside Drive	40	891	288	149	211	266	735	572	52	223	939	46	34	843	130	477	631	550	352	971	92	116	386	169	4412	4751	
37	Lankershim Bo	SR-134 Westbo	0	1587	0	374	0	538	0	503	0	0	0	0	0	939	0	440	0	483	0	1053	1	0	0	0	3002	2916	
38	Lankershim Bo	Riverside Drive	457	1367	272	84	376	91	73	343	108	243	480	57	533	702	191	187	1057	107	122	825	276	94	386	58	3951	4538	
39	Lankershim Bo	Moorpark Stree	139	1574	38	47	405	64	41	430	56	186	402	68	158	717	38	89	545	66	44	1049	199	104	393	83	3450	3485	53110
81	Add'l Movements for Int 5		0	383	0	0	81	0	0	9	28	172	112	105	0	167	0	0	116	0	0	3	10	67	192	193			
82	Add'l Movements for Int 5		0	0	0	15	24	88	0	166	0	0	41	0	0	0	0	58	31	185	0	267	0	0	82	0			
85	Add'l Movements for Int 32		0	100	0	0	174	150	86	137	0	0	262	0	0	142	0	0	463	49	110	103	0	0	481	0			
86	Add'l Movements for Int 32		0	14	0	0	8	24	9	129	0	0	7	0	0	24	0	0	7	13	17	185	0	0	6	0			
87	Add'l Movements for Int 33		0	0	0	0	0	0	0	0	346	1232	0	0	0	0	0	0	0	0	0	0	735	526	0	0			
88	Add'l Movements for Int 33		1	93	251	194	4	0	0	55	0	0	4	0	7	89	136	315	4	0	0	70	0	0	6	7			
89	Add'l Movements for Int 33		0	91	0	0	0	0	0	52	50	280	0	0	0	86	0	0	0	0	25	68	145	188	0	0			
90	Add'l Movements for Int 33		38	1	0	0	6	0	0	0	31	32	6	13	8	1	0	0	4	0	0	1	76	79	4	22			
91	Add'l Movements for Int 33		0	0	37	34	9	13	23	25	0	0	8	0	0	0	70	64	6	23	47	27	0	0	7	0			

District NoHo

Draft EIR

Appendix C-4 Greenhouse Gas Emissions Worksheets and Modeling Output Files

- Appendix C-4: Greenhouse Gas Worksheets and Modeling Output Files
  - Appendix C-4.1: GHG Modeling Parameters and Summary of Emissions
    - GHG Emissions Summary
    - GHG Parameters and Summary
      - VMT Calculations
      - Modeling Parameters
      - Electric Vehicle Charging Calculations
  - Appendix C-4.2: CalEEMod Outputs
    - Construction 2022-2023
    - Construction 2024-2035
    - Existing (2020)
    - Buildout (Year 2035) No PDFs
    - Buildout (Year 2035) with PDFs

CalEEMod Outputs

Construction Emissions - Annual

CalEEMod Output - Annual Construction

Year	CO2e
2022	2,699
2023	4,859
2024	6,739
2025	2,705
2026	2180
2027	1683
2028	1523
2029	745
2030	1336
2031	1842
2032	1346
2033	2341
2034	1613
2035	733
30-year Amortized	**1078**

Operational Emissions - Annual

	Baseline (Existing Year)	**Baseline (Buildout Year) - No MXD**	**Project (Buildout Year) No MXD/PDFs**	**Project(Buildout Year) - With MXD/PDFs/MMs**	**Project(Buildout Year) - No MXD less Baseline**	**Project (Buildout Year) - With MMs less Baseline**	**Reduction**
Category	CO2e	CO2e	CO2e	CO2e	Increment	Increment	
Area	0	0	358	45	358	45	-313.79
Energy	256	144	5544	5260	5400	5116	-284.47
Mobile	0	0	20512	11954	20512	11954	-8558.10
EV			0	(493)	0	(493)	-493.11
Stationary			11	11	11	11	0.00
Waste	8	8	257	257	249	249	0.00
Water	68	43	1066	853	1024	810	-213.27
Operations Total	**332**	**195**	**27750**	**17887**	**27555**	17692	-9862.74
Construction Amortized			1078	1078	1078	1078	0.00
			28828	**18965**	**28633**	**18770**	-9862.74

District NoHo

VMT Calculations for CalEEMod Inputs (Interim Year)

VMT Summary

Generation Rates for Weekend Scalar (CalEEMod Defaults)

			Rate (Daily)				Daily Trips		
		DU/TSF	Weekday	Saturday	Sunday	Passby %	Weekday	Saturday	Sunday
Multi-Family	DU	400	6.65	6.39	5.86	3%	2580	2479	2274
Affordable Housing	DU	151	6.65	6.39	5.86	3%	974	936	858
General Retail	ksf	4.218	44.32	42.04	20.43	40%	112	106	52
High-Turnover Sit-Down Restaurant	ksf	53.69	127.15	158.37	131.84	20%	5461	6802	5663
Office	ksf	580.374	11.03	2.46	1.05	19%	5185	1156	494
Parking Structure Unenclosed	PS	563	0	0	0	0	0	0	0
Parking Structure Enclosed	PS	707	0	0	0	0	0	0	0
Total							14313	11480	9340

	Project Weekday Trips	Saturday Trips	Sunday Trips	Saturday Vs. Weekday Ratio	Sunday Vs. Weekday Ratio
Daily Trips	14313	11480	9340	**0.80**	**0.65**

Project without TDM (MXD Data)

	Unadjusted Trips Pre MXD	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted Pre MXD VMT	MXD VMT	Percent Reduction for MXD		
Home Based Work Production	486	-39.9%	292	8.7	4,228	2540			
Home Based Other Production	1346	-42.1%	779	5.3	7,134	4,129			
Non-Home Based Other Production	2254	-4.8%	2146	8.5	19159	18241			
Home-Based Work Attraction	2951	-26.4%	2172	12.2	36002	26498			
Home-Based Other Attraction	4199	-54.4%	1915	7.3	30,653	13980			
Non-Home Based Other Attraction	1778	-5.3%	1684	8.4	14935	14143			
Total	**13,014**		**8,988**		**112,111**	**79,531**	**29%**		
Residential VMT			1,071			6,669	4.9	Population	1375
Work VMT			7,917			26,498	10.4	Employees	2545

Project with TDM (MXD Data)

	Proposed Project			*Project with Mitigation Measures*					
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT			
Home Based Work Production	0.0%	292	2540	-14.6%	249	2169			
Home Based Other Production	0.0%	779	4129	-14.6%	665	3,526			
Non-Home Based Other Production	0.0%	2146	18241	-14.6%	1832	15576			
Home-Based Work Attraction	0.0%	2172	26498	-14.6%	1855	22626			
Home-Based Other Attraction	0.0%	1915	13980	-14.6%	1635	11937			
Non-Home Based Other Attraction	0.0%	1684	14143	-14.6%	1438	12079	**39%**		
Total		**8,988**	**79,531**		**7,674**	**67,913**			
Residential VMT			6,669			5,695	4.1	Population	1375
			72,862			22,626	8.9	Employees	2545

Source: Gibson Trasnportation Consulting, Inc.

CalEEMod Inputs - PASTE THIS INTO CALEEMOD INPUT FILE

VehicleTripsLandUseSubType	VehicleTripsLandUseSizeMetric	WD_TR	ST_TR	SU_TR	HW_TL	HS_TL	HO_TL	CC_TL	CW_TL	CNW_TL	PR_TP	DV_TP	PB_TP	HW_TTP	HS_TTP	HO_TTP	CC_TTP	CW_TTP	CNW_TTP
No MXD User Defined Res. (VMT)	User Defined Unit	13,014	10,439	8,492	0	0	0	8.61	0	0	100	0	0	0	0	0	100	0	0
Project User Defined Res. (VMT)	User Defined Unit	8,988	7,209	5,865	0	0	0	8.85	0	0	100	0	0	0	0	0	100	0	0
Project TDM/MM User Defined Res. (VMT)	User Defined Unit	7,674	6,155	5,008	0	0	0	8.85	0	0	100	0	0	0	0	0	100	0	0

District NoHo

VMT Calculations for CalEEMod Inputs (Buildout Year)

VMT Summary

Generation Rates for Weekend Scalar (CalEEMod Defaults)			Rate (Daily)				Daily Trips			
		DU/TSF	Weekday	Saturday	Sunday	Passby %	Weekday	Saturday	Sunday	
Multi-Family	DU	1216	6.65	6.39	5.86	3%	7844	7537	6912	
Affordable Housing	DU	311	6.65	6.39	5.86	3%	2006	1928	1768	0.045841519
General Retail	ksf	30.125	44.32	42.04	20.43	40%	801	760	369	
High-Turnover Sit-Down Restaurant	ksf	75	127.15	158.37	131.84	20%	7629	9502	7910	
Office	ksf	580.374	11.03	2.46	1.05	19%	5185	1156	494	
Parking Structure Unenclosed	PS	1057	0	0	0	0	0	0	0	
Parking Structure Enclosed	PS	2530	0	0	0	0	0	0	0	
Total							23465	20883	17453	

	Project Weekday Trips	**Saturday Trips**	**Sunday Trips**	**Saturday Vs. Weekday Ratio**	**Sunday Vs. Weekday Ratio**
Daily Trips	23465	20883	17453	**0.89**	**0.74**

Project without TDM (MXD Data)

	Unadjusted Trips Pre MXD	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted Pre MXD VMT	MXD VMT	Percent Reduction for MXD		
Home Based Work Production	1353	-29.5%	954	8.7	11,771	8300			
Home Based Other Production	3747	-42.2%	2167	5.3	19,859	11,485			
Non-Home Based Other Production	4010	-4.7%	3821	8.5	34085	32479			
Home-Based Work Attraction	3149	-27.3%	2290	12.2	38418	27938			
Home-Based Other Attraction	6799	-55.0%	3058	7.3	49,633	22323			
Non-Home Based Other Attraction	2684	-5.6%	2533	8.4	22546	21277			
Total	**21,742**		**14,823**		**176,312**	**123,802**	**30%**		
Residential VMT			3,121			19,785	5.3	Population	3717
Work VMT			11,702			27,938	10.4	Employees	2682

Project with TDM (MXD Data)

	Proposed Project			*Project with Mitigation Measures*					
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT			
Home Based Work Production	0.0%	954	8300	-16.2%	800	6957			
Home Based Other Production	0.0%	2167	11485	-16.2%	1816	9,627			
Non-Home Based Other Production	0.0%	3821	32479	-16.2%	3203	27225			
Home-Based Work Attraction	0.0%	2290	27938	-16.2%	1920	23419			
Home-Based Other Attraction	0.0%	3058	22323	-16.2%	2563	18712			
Non-Home Based Other Attraction	0.0%	2533	21277	-16.2%	2123	17835	**41%**		
Total		**14,823**	**123,802**		**12,425**	**103,775**			
Residential VMT			19,785			16,584	4.5	Population	3717
			104,017			23,419	8.7	Employees	2682

Source: Gibson Trasnportation Consulting, Inc.

CalEEMod Inputs - PASTE THIS INTO CALEEMOD INPUT FILE

VehicleTripsLandUseSubType	VehicleTripsLandUseSizeMetric	WD_TR	ST_TR	SU_TR	HW_TL	HS_TL	HO_TL	CC_TL	CW_TL	CNW_TL	PR_TP	DV_TP	PB_TP	HW_TTP	HS_TTP	HO_TTP	CC_TTP	CW_TTP	CNW_TTP
No MXD User Defined Res. (VMT)	User Defined Unit	21,742	19,350	16,171	0	0	0	8.11	0	0	100	0	0	0	0	0	100	0	0
Project User Defined Res. (VMT)	User Defined Unit	14,823	13,192	11,025	0	0	0	8.35	0	0	100	0	0	0	0	0	100	0	0
Project TDM/MM User Defined Res. (VMT)	User Defined Unit	12,425	11,058	9,242	0	0	0	8.35	0	0	100	0	0	0	0	0	100	0	0

	Project (Residential)			Project (Employees)	
2016-2040 RTP/SCS	Project	Mitigated		Project	Mitigated
VMT per Capita	5.3	4.5	VMT per Cap	10.4	8.7
SCAG Average	22.8	22.8	SCAG Averag	22.8	22.8
Reduction (%)	-77%	-80%	Reduction (%	-54%	-62%

	Project (Residential)			Project (Employees)	
2020-2045 RTP/SCS	Project	Mitigated		Project	Mitigated
VMT per Capita	5.3	4.5	VMT per Cap	10.4	8.7
SCAG Average	20.7	20.7	SCAG Averag	20.7	20.7
Reduction (%)	-74%	-78%	Reduction (%	-50%	-58%

[a] Provided by Gibson Transportation

GHG Emissions Reductions for Residential Uses Associated with City Codes (Electric Vehicle Charging Stations/Plugins)

Step 1: Estimating GHG Emisisons Reduction to Replace Gasoline/Diesel Vehicle with Electric Vehicle

LADWP Electricity Emission Factor[1]	0.17	MTCO2E/MWh
Fuel Economy of Electric Vehicle[2]	0.33	kWh/mile
Electric Vehicle GHG Emissions	56.5	grams/mile
GHG Emissions from Residential Miles Traveled (CalEEMod)[3]	265.0	grams/mile
GHG Emissions Reduction from Additional Electric Vehicles, per mile	208.5	grams/mile

Step 2: Estimating Project Residential-Related VMT GHG Emissions

Residential Average Yearly VMT[4]	7,221,525	miles/year
Percent of Residential Miles Driven in Electric Vehicles due to this Measure	20.0%	
Residential VMT that is Displaced by EVs due to this Measure	1,444,305	miles/year
GHG Emisisons Reduction from Residential Electric Vehicles	**301**	MTCO2E/MWh
Energy Usage for Charging Vehicles	**476,621**	kWH/year

Notes:
1) CO2 intensity factor reflects a 2035 RPS for LADWP (377 lbs of CO2E/MWh).
2) US Department of Energy, 2013. Benefits and Considerations of Electricity as a Vehicle Fuel. Available at: http://afdc.energy.gov/fuels/electricity_benefits.html.
3) CalEEMod Output file provided in Appendix XX.X of this Draft EIR.
4) Residential charging of vehicles would primarily occur over night, while commercial use charging of vehicles would primarily occur during the day. In addition, it is assumed that the charging stations/plugins for residential uses would be fully utlized which is supported by the projected number of electric vehicles in the future. Bloomberg New Energy Finance projects that electric vehicles will represent 35 percent of global new car sales by 2040 (https://about.bnef.com/blog/electric-vehicles-to-be-35-of-global-new-car-sales-by-2040/).

GHG Emissions Reductions for Commercial Uses Associated with City Codes (Electric Vehicle Charging Stations/Plugins)

Step 1: Estimating GHG Emisisons Reduction to Replace Gasoline/Diesel Vehicle with Electric Vehicle

LADWP Electricity Emission Factor[1+A32]	0.17	MTCO2E/MWh
Fuel Economy of Electric Vehicle[2]	0.33	kWh/mile
Gasoline/Diesel CO2 Emissions While Running[3]	204.6	grams/mile
Annual VMT Reduction per Parking Spot[4]	9,125	miles/charging station/year
Number of On-Site Chargers[5]	142	
Annual VMT Reduction All Stations/Plugins (Based on Charge)	1,295,750	

Step 2: Estimating GHG Emissions Reduction from Installing Electric Vehicle Charging Stations/Plugins

GHG Emisisons of Gasoline/Diesel Vehicle	265	MTCO2E/MWh
GHG Emissions of Electric Vehicle	73	MTCO2E/MWh
GHG Emisisons Reduction	**192**	MTCO2E/MWh

Notes:
1) CO2 intensity factor reflects a 2026 RPS for LADWP (585 lbs of CO2E/MWh).
2) US Department of Energy, 2013. Benefits and Considerations of Electricity as a Vehicle Fuel. Available at: http://afdc.energy.gov/fuels/electricity_benefits.html.
3) CARB, 2017. EMFAC2014, running exhaust emission rate for CO2 and CH4 for light duty gasoline- and diesel-powered vehicles in Los Angeles, aggregated for all models and speeds, averaged over all seasons for 2035.
4) Annual VMT reduction estimated based on an estimate of 10 hours of charge time for a Level 2 charging station that charges at a rate of 25 driving range per hour. It is conservatively assumed that 20% of the miles charged would be driven by the charged vehicles.
5) City Code requires 10% of parking spaces to be equipped with EV chargers.

Calculation of Parking Garage Ventilation Energy Factor

Full Power Ventilation Flowrate:	0.5	cfm/sf	Section 120.6(c) of California Building Code, Mandatory Requirements for Enclosed Parking Garages, provides a minimum 0.15 cfm/sf flowrate. Conservatively assumed 0.5 cfm/sf.
Fan Horsepower/1,000 sf:	0.19	hp/1,000 sf	Fan Horsepower = (CFM x Static Pressure of 1.6 in WC)/(6356 x Motor Fan Efficiency of 65%)
Setback Mode Power Ventilation Flowrate:	0.05	cfm/sf	Energy Star technical reference recommends a minimum flow rate of 0.05 cfm/sf when fan is in setback mode.
Fan Horsepower/1,000 sf:	0.02	hp/1,000 sf	Fan Horsepower = (CFM x Static Pressure of 1.6 in WC)/(6356 x Motor Fan Efficiency of 65%)
Fan Horsepower/1,000 sf per Day:	1.51	hp/1,000 sf/Day	Energy Star technical reference recommends 6 hours per day at full power and 18 hours per day at 0.05 cfm/sf in setback mode
Horsepower to kW Conv.	0.746	kW per hp	
Fan kW/1,000 sf per Day:	1.13	kW/1,000 sf/Day	
Annual kW/sf	0.41	kWh/sf Annual	
Adjustment:	0.46	kWh/sf Annual	(CalEEMod applies mititgation to all land uses. So, this adjustement accounts for the 10% reduction in lighting associated with Title 24)

Consumer Products Use:

Calculated consitent with Appendix E3-Consumer Products Use (CalEEMod User's Guide)

		Total VOC (lbs/sf)	
2008 ARB Emission Inventory (Consumer Products)	**239.60**	2.14E-05	Statewide Factor
SCAQMD Rule 1143 reduction to 25 g/l as of 1/1/11	**17.50**	1.98E-05	AQMD Factor

Notes: CalEEMod assumes a Statewide building area of 22,435,267,518 square feet in 2008.

Update to reflect 2012 ARB emission inventory (Consumer Products)

		Total VOC (lbs/sf)	
2012 ARB emission Inventory (Consumer Products)	**208.71**	1.86E-05	Statewide Factor
SCAQMD Rule 1143 reduction to 25 g/l as of 1/1/11	**17.50**	1.70E-05	AQMD Factor

Notes: Conservatively assumes that Statewide building area of 22,435,267,518 square feet has not increased.

SB100 - Renewable Portfolio Standards

Year	% RPS	RPS Reduction (%)	Carbon Intensity (lbs/MWh)
2015	20	-20%	1131
2016	29	-31%	834
2017	31	-6%	780
2020	33	-6%	733
2026	46	-29%	520
2030	60	-23%	403
2036	65	-8%	372
2045	100	-35%	0

Build Out Year	Carbon Intensity (lbs/MWh)
2025	616
2035	377

District NoHo (2022-2023) Annual Activity

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	13.32	580,374.00	0
Enclosed Parking with Elevator	3,313.00	Space	29.82	1,325,200.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	40.18	1,195,111.00	4367
Strip Mall	105.13	1000sqft	2.41	105,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
Land Use - Project Specific
Construction Phase - Site Specific
Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
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Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
Off-road Equipment - Site Specific
Trips and VMT - Site Specific
Demolition - specific

Grading -

Construction Off-road Equipment Mitigation - MM

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tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	7.00	10.00

tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	7.00	10.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	148.00	0.00
tblTripsAndVMT	HaulingTripNumber	247.00	0.00
tblTripsAndVMT	HaulingTripNumber	2,313.00	0.00
tblTripsAndVMT	HaulingTripNumber	18,813.00	0.00
tblTripsAndVMT	HaulingTripNumber	643.00	0.00
tblTripsAndVMT	HaulingTripNumber	94.00	0.00
tblTripsAndVMT	HaulingTripNumber	34,438.00	0.00
tblTripsAndVMT	HaulingTripNumber	750.00	0.00
tblTripsAndVMT	HaulingTripNumber	198.00	0.00
tblTripsAndVMT	HaulingTripNumber	1,125.00	0.00
tblTripsAndVMT	HaulingTripNumber	198.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripLength	6.90	29.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorTripNumber	493.00	10.00
tblTripsAndVMT	VendorTripNumber	493.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	0.00	32.00
tblTripsAndVMT	VendorTripNumber	493.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	46.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	493.00	32.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	493.00	18.00
tblTripsAndVMT	VendorTripNumber	0.00	46.00
tblTripsAndVMT	VendorTripNumber	0.00	16.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	0.00	42.00
tblTripsAndVMT	VendorTripNumber	493.00	28.00
tblTripsAndVMT	VendorTripNumber	0.00	32.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT

tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	30.00	40.00
tblTripsAndVMT	WorkerTripNumber	25.00	40.00
tblTripsAndVMT	WorkerTripNumber	55.00	70.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	110.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	100.00
tblTripsAndVMT	WorkerTripNumber	65.00	80.00
tblTripsAndVMT	WorkerTripNumber	375.00	0.00
tblTripsAndVMT	WorkerTripNumber	48.00	550.00
tblTripsAndVMT	WorkerTripNumber	93.00	300.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	550.00
tblTripsAndVMT	WorkerTripNumber	23.00	40.00
tblTripsAndVMT	WorkerTripNumber	35.00	30.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	300.00
tblTripsAndVMT	WorkerTripNumber	68.00	100.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	50.00
tblTripsAndVMT	WorkerTripNumber	50.00	60.00
tblTripsAndVMT	WorkerTripNumber	23.00	50.00
tblTripsAndVMT	WorkerTripNumber	45.00	170.00
tblTripsAndVMT	WorkerTripNumber	55.00	70.00
tblTripsAndVMT	WorkerTripNumber	1,875.00	170.00
tblTripsAndVMT	WorkerTripNumber	23.00	30.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022																2,699.3008
2023																4,859.4649
Maximum																**4,859.4649**

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					
2022																2,699.2988
2023																4,859.4620
Maximum																**4,859.4620**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	West Lot Demolition	Demolition	1/1/2022	2/28/2022	5	41	
2	East Lot Grading	Grading	1/1/2022	1/31/2022	5	21	
3	East Lot Building Construction	Building Construction	2/1/2022	4/29/2022	5	64	
4	West Lot Grading	Grading	3/1/2022	4/30/2022	5	44	
5	Block 0 Demolition	Demolition	5/1/2022	6/30/2022	5	44	
6	West Lot Foundation	Trenching	5/1/2022	8/30/2022	5	87	
7	Block 0 Grading	Grading	7/1/2022	11/30/2022	5	109	
8	West Lot Building Construction	Building Construction	9/1/2022	10/31/2022	5	43	
9	Block 7 Demolition	Demolition	10/1/2022	10/31/2022	5	21	
10	Block 8 Demolition	Demolition	11/1/2022	12/30/2022	5	44	
11	Block 7 Grading	Grading	11/1/2022	3/31/2023	5	109	
12	West Lot Finishing	Building Construction	11/1/2022	12/31/2022	5	44	
13	Block 0 Building Construction	Building Construction	12/1/2022	7/31/2023	5	173	
14	Block 8 Grading	Grading	1/1/2023	6/30/2023	5	130	
15	Block 0&7 Finishing	Architectural Coating	1/1/2023	12/31/2023	5	260	
16	Block 7 Foundation	Trenching	4/1/2023	6/30/2023	5	65	
17	Block 8 Foundation	Trenching	7/1/2023	10/31/2023	5	87	
18	Block 7 Building Construction	Building Construction	7/1/2023	12/31/2023	5	130	
19	Block 5/6 Demolition	Demolition	11/1/2023	11/30/2023	5	22	
20	Block 8 Building Construction	Building Construction	11/1/2023	12/31/2023	5	43	
21	Block 5/6 Grading	Grading	12/1/2023	12/29/2023	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 29.82

Residential Indoor: 2,420,100; Residential Outdoor: 806,700; Non-Residential Indoor: 1,028,249; Non-Residential Outdoor: 342,750;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
West Lot Demolition	Air Compressors	1	8.00	78	0.48
West Lot Demolition	Concrete/Industrial Saws	2	4.00	81	0.73
West Lot Demolition	Cranes	1	10.00	231	0.29
West Lot Demolition	Excavators	1	8.00	158	0.38

West Lot Demolition	Forklifts	1	8.00	89	0.20
West Lot Demolition	Generator Sets	1	8.00	84	0.74
West Lot Demolition	Other Construction Equipment	1	8.00	172	0.42
West Lot Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
West Lot Demolition	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Demolition	Scrapers	1	8.00	367	0.48
West Lot Demolition	Signal Boards	1	8.00	6	0.82
West Lot Demolition	Skid Steer Loaders	1	8.00	65	0.37
East Lot Grading	Air Compressors	1	8.00	78	0.48
East Lot Grading	Cement and Mortar Mixers	1	8.00	9	0.56
East Lot Grading	Concrete/Industrial Saws	1	4.00	81	0.73
East Lot Grading	Excavators	0	8.00	158	0.38
East Lot Grading	Forklifts	1	8.00	89	0.20
East Lot Grading	Generator Sets	1	8.00	84	0.74
East Lot Grading	Graders	0	8.00	187	0.41
East Lot Grading	Other Construction Equipment	1	8.00	172	0.42
East Lot Grading	Paving Equipment	1	8.00	132	0.36
East Lot Grading	Plate Compactors	1	8.00	8	0.43
East Lot Grading	Rollers	1	8.00	80	0.38
East Lot Grading	Rough Terrain Forklifts	1	8.00	100	0.40
East Lot Grading	Rubber Tired Dozers	0	8.00	247	0.40
East Lot Grading	Rubber Tired Loaders	1	8.00	203	0.36
East Lot Grading	Scrapers	1	8.00	367	0.48
East Lot Grading	Skid Steer Loaders	1	8.00	65	0.37
East Lot Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
East Lot Grading	Welders	1	8.00	46	0.45
East Lot Building Construction	Aerial Lifts	4	8.00	63	0.31
East Lot Building Construction	Air Compressors	1	8.00	78	0.48
East Lot Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
East Lot Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
East Lot Building Construction	Cranes	0	7.00	231	0.29
East Lot Building Construction	Forklifts	4	8.00	89	0.20
East Lot Building Construction	Generator Sets	1	8.00	84	0.74
East Lot Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
East Lot Building Construction	Welders	1	8.00	46	0.45
West Lot Grading	Air Compressors	1	8.00	78	0.48
West Lot Grading	Bore/Drill Rigs	2	8.00	221	0.50
West Lot Grading	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Grading	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Grading	Excavators	2	8.00	158	0.38
West Lot Grading	Forklifts	1	8.00	89	0.20
West Lot Grading	Generator Sets	1	8.00	84	0.74
West Lot Grading	Graders	0	8.00	187	0.41
West Lot Grading	Other Construction Equipment	1	8.00	172	0.42
West Lot Grading	Pumps	1	8.00	84	0.74
West Lot Grading	Rough Terrain Forklifts	1	8.00	100	0.40
West Lot Grading	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Grading	Rubber Tired Loaders	1	8.00	203	0.36
West Lot Grading	Scrapers	0	8.00	367	0.48
West Lot Grading	Signal Boards	2	8.00	6	0.82

West Lot Grading	Skid Steer Loaders	1	8.00	65	0.37
West Lot Grading	Surfacing Equipment	1	8.00	263	0.30
West Lot Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
West Lot Grading	Trenchers	1	8.00	78	0.50
West Lot Grading	Welders	1	8.00	46	0.45
Block 0 Demolition	Air Compressors	1	8.00	78	0.48
Block 0 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 0 Demolition	Excavators	1	8.00	158	0.38
Block 0 Demolition	Forklifts	1	8.00	89	0.20
Block 0 Demolition	Generator Sets	1	8.00	84	0.74
Block 0 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 0 Demolition	Pavers	0	8.00	130	0.42
Block 0 Demolition	Paving Equipment	0	8.00	132	0.36
Block 0 Demolition	Rollers	0	8.00	80	0.38
Block 0 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Block 0 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 0 Demolition	Trenchers	1	8.00	78	0.50
West Lot Foundation	Aerial Lifts	4	8.00	63	0.31
West Lot Foundation	Air Compressors	2	8.00	78	0.48
West Lot Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Foundation	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Foundation	Cranes	2	10.00	231	0.29
West Lot Foundation	Forklifts	2	8.00	89	0.20
West Lot Foundation	Generator Sets	1	8.00	84	0.74
West Lot Foundation	Pumps	1	8.00	84	0.74
West Lot Foundation	Rubber Tired Dozers	0	8.00	247	0.40
West Lot Foundation	Signal Boards	2	8.00	6	0.82
West Lot Foundation	Skid Steer Loaders	1	8.00	65	0.37
West Lot Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
West Lot Foundation	Welders	1	8.00	46	0.45
Block 0 Grading	Air Compressors	1	8.00	78	0.48
Block 0 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 0 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 0 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 0 Grading	Excavators	0	8.00	158	0.38
Block 0 Grading	Forklifts	1	8.00	89	0.20
Block 0 Grading	Generator Sets	1	8.00	84	0.74
Block 0 Grading	Graders	2	8.00	187	0.41
Block 0 Grading	Other Construction Equipment	1	4.00	172	0.42
Block 0 Grading	Pavers	1	8.00	130	0.42
Block 0 Grading	Paving Equipment	1	8.00	132	0.36
Block 0 Grading	Plate Compactors	1	8.00	8	0.43
Block 0 Grading	Pumps	1	8.00	84	0.74
Block 0 Grading	Rollers	1	8.00	80	0.38
Block 0 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 0 Grading	Scrapers	1	8.00	367	0.48
Block 0 Grading	Signal Boards	2	8.00	6	0.82
Block 0 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 0 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 0 Grading	Trenchers	1	8.00	78	0.50

Block 0 Grading	Welders	1	8.00	46	0.45
West Lot Building Construction	Aerial Lifts	4	8.00	63	0.31
West Lot Building Construction	Air Compressors	2	8.00	78	0.48
West Lot Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
West Lot Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Building Construction	Cranes	2	10.00	231	0.29
West Lot Building Construction	Forklifts	2	8.00	89	0.20
West Lot Building Construction	Generator Sets	1	8.00	84	0.74
West Lot Building Construction	Pumps	1	8.00	84	0.74
West Lot Building Construction	Signal Boards	2	8.00	6	0.82
West Lot Building Construction	Skid Steer Loaders	1	8.00	65	0.37
West Lot Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
West Lot Building Construction	Welders	1	8.00	46	0.45
Block 7 Demolition	Air Compressors	1	8.00	78	0.48
Block 7 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 7 Demolition	Excavators	1	8.00	158	0.38
Block 7 Demolition	Forklifts	1	8.00	89	0.20
Block 7 Demolition	Generator Sets	1	8.00	84	0.74
Block 7 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 7 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 7 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 7 Demolition	Scrapers	1	8.00	367	0.48
Block 7 Demolition	Trenchers	1	8.00	78	0.50
Block 8 Demolition	Air Compressors	1	8.00	78	0.48
Block 8 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 8 Demolition	Excavators	1	8.00	158	0.38
Block 8 Demolition	Forklifts	1	8.00	89	0.20
Block 8 Demolition	Generator Sets	1	8.00	84	0.74
Block 8 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 8 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 8 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 8 Demolition	Scrapers	1	8.00	367	0.48
Block 8 Demolition	Signal Boards	1	8.00	6	0.82
Block 8 Demolition	Trenchers	1	8.00	78	0.50
Block 7 Grading	Air Compressors	1	8.00	78	0.48
Block 7 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 7 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Grading	Excavators	2	8.00	158	0.38
Block 7 Grading	Forklifts	1	8.00	89	0.20
Block 7 Grading	Generator Sets	1	8.00	84	0.74
Block 7 Grading	Graders	0	8.00	187	0.41
Block 7 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 7 Grading	Pumps	1	8.00	84	0.74
Block 7 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 7 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 7 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 7 Grading	Scrapers	0	8.00	367	0.48
Block 7 Grading	Signal Boards	2	8.00	6	0.82
Block 7 Grading	Skid Steer Loaders	1	8.00	65	0.37

Block 7 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 7 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 7 Grading	Trenchers	1	8.00	78	0.50
Block 7 Grading	Welders	2	8.00	46	0.45
West Lot Finishing	Aerial Lifts	4	8.00	63	0.31
West Lot Finishing	Air Compressors	0	6.00	78	0.48
West Lot Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
West Lot Finishing	Cranes	0	7.00	231	0.29
West Lot Finishing	Forklifts	2	8.00	89	0.20
West Lot Finishing	Generator Sets	0	8.00	84	0.74
West Lot Finishing	Pavers	1	8.00	130	0.42
West Lot Finishing	Paving Equipment	1	8.00	132	0.36
West Lot Finishing	Plate Compactors	1	8.00	8	0.43
West Lot Finishing	Pumps	1	8.00	84	0.74
West Lot Finishing	Rollers	1	8.00	80	0.38
West Lot Finishing	Signal Boards	1	8.00	6	0.82
West Lot Finishing	Surfacing Equipment	1	8.00	263	0.30
West Lot Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
West Lot Finishing	Trenchers	1	8.00	78	0.50
West Lot Finishing	Welders	0	8.00	46	0.45
Block 0 Building Construction	Aerial Lifts	1	8.00	63	0.31
Block 0 Building Construction	Air Compressors	1	8.00	78	0.48
Block 0 Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Block 0 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 0 Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
Block 0 Building Construction	Cranes	2	10.00	231	0.29
Block 0 Building Construction	Forklifts	1	8.00	89	0.20
Block 0 Building Construction	Generator Sets	0	8.00	84	0.74
Block 0 Building Construction	Other Construction Equipment	1	4.00	172	0.42
Block 0 Building Construction	Plate Compactors	1	8.00	8	0.43
Block 0 Building Construction	Pumps	1	8.00	84	0.74
Block 0 Building Construction	Signal Boards	1	8.00	6	0.82
Block 0 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 0 Building Construction	Welders	1	8.00	46	0.45
Block 8 Grading	Air Compressors	1	8.00	78	0.48
Block 8 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 8 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 8 Grading	Excavators	3	8.00	158	0.38
Block 8 Grading	Forklifts	1	8.00	89	0.20
Block 8 Grading	Generator Sets	1	8.00	84	0.74
Block 8 Grading	Graders	0	8.00	187	0.41
Block 8 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 8 Grading	Pumps	1	8.00	84	0.74
Block 8 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 8 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 8 Grading	Scrapers	0	8.00	367	0.48
Block 8 Grading	Signal Boards	2	8.00	6	0.82
Block 8 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Grading	Surfacing Equipment	1	8.00	263	0.30

Block 8 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 8 Grading	Trenchers	1	8.00	78	0.50
Block 8 Grading	Welders	4	8.00	46	0.45
Block 0&7 Finishing	Aerial Lifts	0	8.00	63	0.31
Block 0&7 Finishing	Air Compressors	0	6.00	78	0.48
Block 0&7 Finishing	Concrete/Industrial Saws	0	4.00	81	0.73
Block 0&7 Finishing	Cranes	0	10.00	231	0.29
Block 0&7 Finishing	Forklifts	0	8.00	89	0.20
Block 0&7 Finishing	Other Construction Equipment	0	4.00	172	0.42
Block 0&7 Finishing	Pavers	0	8.00	130	0.42
Block 0&7 Finishing	Paving Equipment	0	8.00	132	0.36
Block 0&7 Finishing	Plate Compactors	0	8.00	8	0.43
Block 0&7 Finishing	Pumps	0	8.00	84	0.74
Block 0&7 Finishing	Rollers	0	8.00	80	0.38
Block 0&7 Finishing	Signal Boards	0	8.00	6	0.82
Block 0&7 Finishing	Surfacing Equipment	0	8.00	263	0.30
Block 0&7 Finishing	Trenchers	0	8.00	78	0.50
Block 0&7 Finishing	Welders	0	8.00	46	0.45
Block 7 Foundation	Aerial Lifts	3	8.00	63	0.31
Block 7 Foundation	Air Compressors	2	8.00	78	0.48
Block 7 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Foundation	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Foundation	Cranes	1	10.00	231	0.29
Block 7 Foundation	Forklifts	3	8.00	89	0.20
Block 7 Foundation	Generator Sets	1	8.00	84	0.74
Block 7 Foundation	Pumps	1	8.00	84	0.74
Block 7 Foundation	Signal Boards	1	8.00	6	0.82
Block 7 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Foundation	Welders	3	8.00	46	0.45
Block 8 Foundation	Aerial Lifts	8	8.00	63	0.31
Block 8 Foundation	Air Compressors	2	8.00	78	0.48
Block 8 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Foundation	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Foundation	Cranes	4	10.00	231	0.29
Block 8 Foundation	Forklifts	3	8.00	89	0.20
Block 8 Foundation	Generator Sets	1	8.00	84	0.74
Block 8 Foundation	Pumps	1	8.00	84	0.74
Block 8 Foundation	Signal Boards	1	8.00	6	0.82
Block 8 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Foundation	Welders	10	8.00	46	0.45
Block 7 Building Construction	Aerial Lifts	3	8.00	63	0.31
Block 7 Building Construction	Air Compressors	2	8.00	78	0.48
Block 7 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 7 Building Construction	Concrete/Industrial Saws	2	4.00	81	0.73
Block 7 Building Construction	Cranes	1	10.00	231	0.29
Block 7 Building Construction	Forklifts	3	8.00	89	0.20
Block 7 Building Construction	Generator Sets	1	8.00	84	0.74
Block 7 Building Construction	Pumps	1	8.00	84	0.74
Block 7 Building Construction	Signal Boards	1	8.00	6	0.82
Block 7 Building Construction	Skid Steer Loaders	1	8.00	65	0.37

Block 7 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 7 Building Construction	Welders	3	8.00	46	0.45
Block 5/6 Demolition	Air Compressors	1	8.00	78	0.48
Block 5/6 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 5/6 Demolition	Excavators	1	8.00	158	0.38
Block 5/6 Demolition	Forklifts	1	8.00	89	0.20
Block 5/6 Demolition	Generator Sets	1	8.00	84	0.74
Block 5/6 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Demolition	Scrapers	1	8.00	367	0.48
Block 5/6 Demolition	Trenchers	1	8.00	78	0.50
Block 8 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 8 Building Construction	Air Compressors	2	8.00	78	0.48
Block 8 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Building Construction	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Building Construction	Cranes	4	10.00	231	0.29
Block 8 Building Construction	Forklifts	3	8.00	89	0.20
Block 8 Building Construction	Generator Sets	1	8.00	84	0.74
Block 8 Building Construction	Pumps	1	8.00	84	0.74
Block 8 Building Construction	Signal Boards	1	8.00	6	0.82
Block 8 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Building Construction	Welders	10	8.00	46	0.45
Block 5/6 Grading	Air Compressors	1	8.00	78	0.48
Block 5/6 Grading	Bore/Drill Rigs	4	8.00	221	0.50
Block 5/6 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Grading	Excavators	3	8.00	158	0.38
Block 5/6 Grading	Forklifts	1	8.00	89	0.20
Block 5/6 Grading	Generator Sets	1	8.00	84	0.74
Block 5/6 Grading	Graders	0	8.00	187	0.41
Block 5/6 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Grading	Pumps	1	8.00	84	0.74
Block 5/6 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 5/6 Grading	Scrapers	0	8.00	367	0.48
Block 5/6 Grading	Signal Boards	2	8.00	6	0.82
Block 5/6 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 5/6 Grading	Trenchers	1	8.00	78	0.50
Block 5/6 Grading	Welders	3	8.00	46	0.45

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
West Lot Demolition	12	40.00	12.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
East Lot Grading	14	30.00	10.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT

East Lot Building Construction	13	50.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
West Lot Grading	20	60.00	46.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 0 Demolition	9	50.00	16.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Foundation	18	170.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 0 Grading	22	70.00	42.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Building Construction	18	170.00	28.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 7 Demolition	9	30.00	32.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Demolition	10	40.00	10.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 7 Grading	22	70.00	30.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
West Lot Finishing	15	110.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 0 Building Construction	14	100.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Grading	26	80.00	170.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 0&7 Finishing	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 7 Foundation	19	550.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Foundation	37	300.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 7 Building Construction	20	550.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Demolition	9	40.00	46.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Building Construction	37	300.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Grading	27	100.00	100.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 West Lot Demolition - 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					
Fugitive Dust																0.0000
Off-Road																104.5884
Total																**104.5884**

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
Vendor																25.8332
Worker																7.8295
Total																**33.6627**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																104.5883
Total																**104.5883**

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
Vendor																25.8332
Worker																7.8295
Total																**33.6627**

3.3 East Lot Grading - 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					
Fugitive Dust																0.0000
Off-Road																53.6008
Total																**53.6008**

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
Vendor																11.0264
Worker																3.0077
Total																**14.0340**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																53.6007
Total																**53.6007**

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
Vendor																11.0264
Worker																3.0077
Total																**14.0340**

3.4 East Lot 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																81.5097
Total																**81.5097**

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
Vendor																14.0945
Worker																15.2770
Total																**29.3715**

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																81.5096
Total																**81.5096**

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
Vendor																14.0945
Worker																15.2770
Total																**29.3715**

3.5 West Lot Grading - 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					
Fugitive Dust																0.0000
Off-Road																166.1030
Total																**166.1030**

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
Vendor																106.2732
Worker																12.6035

Total																**118.8767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																166.1028
Total																**166.1028**

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
Vendor																106.2732
Worker																12.6035
Total																**118.8767**

3.6 Block 0 Demolition - 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					
Fugitive Dust																0.0000
Off-Road																80.2280
Total																**80.2280**

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
Vendor																36.9646

Worker																10.5029
Total																**47.4675**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																80.2280
Total																**80.2280**

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
Vendor																36.9646
Worker																10.5029
Total																**47.4675**

3.7 West Lot Foundation - 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																205.9272
Total																**205.9272**

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

Vendor																141.0601
Worker																70.6083
Total																**211.6684**

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																205.9270
Total																**205.9270**

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
Vendor																141.0601
Worker																70.6083
Total																**211.6684**

3.8 Block 0 Grading - 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					
Fugitive Dust																0.0000
Off-Road																483.5075
Total																**483.5075**

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
Vendor																240.3748
Worker																36.4261
Total																**276.8009**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																483.5069
Total																**483.5069**

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
Vendor																240.3748
Worker																36.4261
Total																**276.8009**

3.9 West Lot 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																101.7801
Total																**101.7801**

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
Vendor																14.7307
Worker																34.8984
Total																**49.6291**

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																101.7800
Total																**101.7800**

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
Vendor																14.7307
Worker																34.8984
Total																**49.6291**

3.10 Block 7 Demolition - 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					
Fugitive Dust																0.0000
Off-Road																44.7798
Total																**44.7798**

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
Vendor																35.2844
Worker																3.0077
Total																**38.2920**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																44.7797
Total																**44.7797**

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
Vendor																35.2844
Worker																3.0077
Total																**38.2920**

3.11 Block 8 Demolition - 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					
Fugitive Dust																0.0000
Off-Road																94.8110
Total																**94.8110**

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
Vendor																23.1029
Worker																8.4023
Total																**31.5052**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																94.8109
Total																**94.8109**

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
Vendor																23.1029
Worker																8.4023
Total																**31.5052**

3.12 Block 7 Grading - 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					
Fugitive Dust																0.0000
Off-Road																176.1786
Total																**176.1786**

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
Vendor																69.3086
Worker																14.7041
Total																**84.0127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																176.1784
Total																**176.1784**

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
Vendor																69.3086
Worker																14.7041
Total																**84.0127**

3.12 Block 7 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																260.3781
Total																**260.3781**

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
Vendor																98.1456
Worker																20.9262
Total																**119.0718**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																260.3778
Total																**260.3778**

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
Vendor																98.1456
Worker																20.9262
Total																**119.0718**

3.13 West Lot Finishing - 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																81.0532
Total																**81.0532**

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
Vendor																5.3833
Worker																23.1064
Total																**28.4898**

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																81.0531
Total																**81.0531**

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
Vendor																5.3833
Worker																23.1064
Total																**28.4898**

3.14 Block 0 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																48.7669
Total																**48.7669**

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
Vendor																2.1533
Worker																10.5029
Total																**12.6563**

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																48.7669
Total																**48.7669**

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
Vendor																2.1533
Worker																10.5029
Total																**12.6563**

3.14 Block 0 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																334.8491
Total																**334.8491**

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
Vendor																14.3151
Worker																69.4473
Total																**83.7623**

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																334.8487
Total																**334.8487**

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
Vendor																14.3151
Worker																69.4473
Total																**83.7623**

3.15 Block 8 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																627.0876

Total																**627.0876**

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
Vendor																1,112.3169
Worker																47.8312
Total																**1,160.1481**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																627.0869
Total																**627.0869**

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
Vendor																1,112.3169
Worker																47.8312
Total																**1,160.1481**

3.16 Block 0&7 Finishing - 2023

Unmitigated Construction On-Site

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

Off-Road																0.0000
Total																**0.0000**

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
Vendor																0.0000
Worker																0.0000
Total																**0.0000**

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
Off-Road																0.0000
Total																**0.0000**

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
Vendor																0.0000
Worker																0.0000
Total																**0.0000**

3.17 Block 7 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road																152.2086
Total																**152.2086**

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
Vendor																77.0266
Worker																164.4198
Total																**241.4464**

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																152.2084
Total																**152.2084**

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
Vendor																77.0266
Worker																164.4198
Total																**241.4464**

3.18 Block 8 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Off-Road																412.0318
Total																**412.0318**

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
Vendor																43.2001
Worker																120.0380
Total																**163.2381**

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																412.0313
Total																**412.0313**

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
Vendor																43.2001
Worker																120.0380
Total																**163.2381**

3.19 Block 7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																322.3440
Total																**322.3440**

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
Vendor																46.2160
Worker																328.8396
Total																**375.0556**

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																322.3436
Total																**322.3436**

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
Vendor																46.2160
Worker																328.8396
Total																**375.0556**

3.20 Block 5/6 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																46.9123
Total																**46.9123**

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
Vendor																50.9351
Worker																4.0473
Total																**54.9823**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																46.9122
Total																**46.9122**

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
Vendor																50.9351
Worker																4.0473
Total																**54.9823**

3.21 Block 8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																203.6479
Total																**203.6479**

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
Vendor																16.3059
Worker																59.3291
Total																**75.6350**

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																203.6477
Total																**203.6477**

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
Vendor																16.3059
Worker																59.3291
Total																**75.6350**

3.22 Block 5/6 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																111.3125
Total																**111.3125**

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
Vendor																105.6953
Worker																9.6582
Total																**115.3535**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																111.3124
Total																**111.3124**

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
Vendor																105.6953
Worker																9.6582
Total																**115.3535**

District NoHo (2024-2035) Annual Activity

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	13.32	580,374.00	0
Enclosed Parking with Elevator	3,313.00	Space	29.82	1,325,200.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	40.18	1,195,111.00	4367
Strip Mall	105.13	1000sqft	2.41	105,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

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Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific

Demolition - specific

Grading -

Construction Off-road Equipment Mitigation - MM

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	75.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	32.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	42.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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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					
2024																6,738.8675
2025																2,705.3369
2026																2,180.0342
2027																1,683.4845
2028																1,523.1516
2029																744.9975
2030																1,355.6001

2031																1,841.7256
2032																1,345.5570
2033																2,340.7191
2034																1,612.5553
2035																733.3377
Maximum																**6,738.8675**

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					
2024																6,738.8639
2025																2,705.3350
2026																2,180.0326
2027																1,683.4834
2028																1,523.1505
2029																744.9968
2030																1,355.5993
2031																1,841.7244
2032																1,345.5560
2033																2,340.7178
2034																1,612.5541
2035																733.3371
Maximum																**6,738.8639**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Block 5/6 Grading	Grading	1/1/2024	9/30/2024	5	196	
2	Block 7 Finishing	Building Construction	1/1/2024	9/30/2024	5	196	
3	Block 8 Building Construction	Building Construction	1/1/2024	6/30/2024	5	130	
4	Block 8 Finishing	Building Construction	7/1/2024	4/30/2025	5	218	
5	Block 5/6 Foundation	Trenching	10/1/2024	3/31/2025	5	130	

6	Block 5/6 Building Construction	Building Construction	4/1/2025	8/31/2025	5	109	
7	Block 5/6 Finishing	Building Construction	9/1/2025	6/30/2026	5	217	
8	Architectural Coatings	Architectural Coating	1/1/2026	12/31/2026	5	261	
9	Block 4 Demolition	Demolition	7/1/2026	7/31/2026	5	23	
10	Block 4 Grading	Grading	8/1/2026	12/31/2026	5	109	
11	Block 4 Foundation	Trenching	1/1/2027	3/31/2027	5	64	
12	Block 4 Building Construction	Building Construction	4/1/2027	9/30/2027	5	131	
13	Block 4 Finishing	Building Construction	10/1/2027	6/30/2028	5	196	
14	Block 3 Demolition	Demolition	7/1/2028	8/31/2028	5	44	
15	Block 3 Grading	Grading	9/1/2028	12/31/2028	5	86	
16	Block 3 Foundation	Trenching	1/1/2029	3/31/2029	5	65	
17	Block 3 Building Construction	Building Construction	4/1/2029	9/28/2029	5	130	
18	Block 3 Finishing	Building Construction	10/1/2029	6/30/2030	5	195	
19	Block 2 Demolition	Demolition	7/1/2030	8/30/2030	5	45	
20	Block 2 Grading	Grading	9/1/2030	2/28/2031	5	130	
21	Block 2 Foundation	Trenching	3/1/2031	7/31/2031	5	109	
22	Block 2 Building Construction	Building Construction	8/1/2031	2/27/2032	5	151	
23	Block 2 Finshing	Building Construction	3/1/2032	12/31/2032	5	220	
24	Block 1 Demolition	Demolition	1/1/2033	2/28/2033	5	41	
25	Block 1 Grading	Grading	3/1/2033	8/31/2033	5	132	
26	Block 1 Foundation	Trenching	9/1/2033	1/31/2034	5	109	
27	Block 1 Building Construction	Building Construction	2/1/2034	8/31/2034	5	152	
28	Block 1 Finishing	Building Construction	9/1/2034	6/29/2035	5	216	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 29.82

Residential Indoor: 2,420,100; Residential Outdoor: 806,700; Non-Residential Indoor: 1,028,249; Non-Residential Outdoor: 342,750;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Block 7 Finishing	Aerial Lifts	3	8.00	63	0.31
Block 7 Finishing	Air Compressors	0	8.00	78	0.48
Block 7 Finishing	Cement and Mortar Mixers	0	8.00	9	0.56
Block 7 Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 7 Finishing	Cranes	2	10.00	231	0.29
Block 7 Finishing	Forklifts	2	8.00	89	0.20
Block 7 Finishing	Generator Sets	1	8.00	84	0.74
Block 7 Finishing	Pavers	1	8.00	130	0.42
Block 7 Finishing	Paving Equipment	1	8.00	132	0.36
Block 7 Finishing	Plate Compactors	1	8.00	8	0.43
Block 7 Finishing	Pumps	1	8.00	84	0.74
Block 7 Finishing	Rollers	1	8.00	80	0.38
Block 7 Finishing	Signal Boards	1	8.00	6	0.82
Block 7 Finishing	Skid Steer Loaders	1	8.00	65	0.37
Block 7 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 7 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 7 Finishing	Trenchers	1	8.00	78	0.50
Block 7 Finishing	Welders	2	8.00	46	0.45
Block 8 Building Construction	Aerial Lifts	8	8.00	63	0.31

Block 8 Building Construction	Air Compressors	2	8.00	78	0.48
Block 8 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Building Construction	Concrete/Industrial Saws	5	4.00	81	0.73
Block 8 Building Construction	Cranes	4	10.00	231	0.29
Block 8 Building Construction	Forklifts	3	8.00	89	0.20
Block 8 Building Construction	Generator Sets	1	8.00	84	0.74
Block 8 Building Construction	Pumps	1	8.00	84	0.74
Block 8 Building Construction	Signal Boards	1	8.00	6	0.82
Block 8 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 8 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Building Construction	Welders	10	8.00	46	0.45
Block 5/6 Grading	Air Compressors	1	8.00	78	0.48
Block 5/6 Grading	Bore/Drill Rigs	4	8.00	221	0.50
Block 5/6 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Grading	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Grading	Excavators	3	8.00	158	0.38
Block 5/6 Grading	Forklifts	1	8.00	89	0.20
Block 5/6 Grading	Generator Sets	1	8.00	84	0.74
Block 5/6 Grading	Graders	0	8.00	187	0.41
Block 5/6 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 5/6 Grading	Pumps	1	8.00	84	0.74
Block 5/6 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 5/6 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 5/6 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 5/6 Grading	Scrapers	0	8.00	367	0.48
Block 5/6 Grading	Signal Boards	2	8.00	6	0.82
Block 5/6 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 5/6 Grading	Trenchers	1	8.00	78	0.50
Block 5/6 Grading	Welders	3	8.00	46	0.45
Block 8 Finishing	Aerial Lifts	5	8.00	63	0.31
Block 8 Finishing	Cement and Mortar Mixers	1	8.00	9	0.56
Block 8 Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Block 8 Finishing	Cranes	3	10.00	231	0.29
Block 8 Finishing	Forklifts	2	8.00	89	0.20
Block 8 Finishing	Generator Sets	1	8.00	84	0.74
Block 8 Finishing	Pavers	1	8.00	130	0.42
Block 8 Finishing	Paving Equipment	1	8.00	132	0.36
Block 8 Finishing	Plate Compactors	1	8.00	8	0.43
Block 8 Finishing	Pumps	1	8.00	84	0.74
Block 8 Finishing	Rollers	1	8.00	80	0.38
Block 8 Finishing	Signal Boards	1	8.00	6	0.82
Block 8 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 8 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 8 Finishing	Trenchers	1	8.00	78	0.50
Block 8 Finishing	Welders	3	8.00	46	0.45
Block 5/6 Foundation	Aerial Lifts	8	8.00	63	0.31
Block 5/6 Foundation	Air Compressors	3	8.00	78	0.48
Block 5/6 Foundation	Cement and Mortar Mixers	2	8.00	9	0.56

Block 5/6 Foundation	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Foundation	Cranes	5	10.00	231	0.29
Block 5/6 Foundation	Forklifts	5	8.00	89	0.20
Block 5/6 Foundation	Generator Sets	2	8.00	84	0.74
Block 5/6 Foundation	Pumps	1	8.00	84	0.74
Block 5/6 Foundation	Signal Boards	1	8.00	6	0.82
Block 5/6 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Foundation	Welders	6	8.00	46	0.45
Block 5/6 Building Construction	Aerial Lifts	8	8.00	63	0.31
Block 5/6 Building Construction	Air Compressors	3	8.00	78	0.48
Block 5/6 Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Block 5/6 Building Construction	Concrete/Industrial Saws	3	4.00	81	0.73
Block 5/6 Building Construction	Cranes	5	10.00	231	0.29
Block 5/6 Building Construction	Forklifts	5	8.00	89	0.20
Block 5/6 Building Construction	Generator Sets	2	8.00	84	0.74
Block 5/6 Building Construction	Pumps	1	8.00	84	0.74
Block 5/6 Building Construction	Signal Boards	1	8.00	6	0.82
Block 5/6 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 5/6 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 5/6 Building Construction	Welders	6	8.00	46	0.45
Block 5/6 Finishing	Aerial Lifts	6	8.00	63	0.31
Block 5/6 Finishing	Air Compressors	1	8.00	78	0.48
Block 5/6 Finishing	Cement and Mortar Mixers	1	8.00	9	0.56
Block 5/6 Finishing	Concrete/Industrial Saws	2	4.00	81	0.73
Block 5/6 Finishing	Cranes	4	10.00	231	0.29
Block 5/6 Finishing	Forklifts	4	8.00	89	0.20
Block 5/6 Finishing	Generator Sets	2	8.00	84	0.74
Block 5/6 Finishing	Pavers	1	8.00	130	0.42
Block 5/6 Finishing	Paving Equipment	1	8.00	132	0.36
Block 5/6 Finishing	Plate Compactors	1	8.00	8	0.43
Block 5/6 Finishing	Pumps	1	8.00	84	0.74
Block 5/6 Finishing	Rollers	1	8.00	80	0.38
Block 5/6 Finishing	Signal Boards	1	8.00	6	0.82
Block 5/6 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 5/6 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 5/6 Finishing	Trenchers	1	8.00	78	0.50
Block 5/6 Finishing	Welders	5	8.00	46	0.45
Architectural Coatings	Aerial Lifts	0	8.00	63	0.31
Architectural Coatings	Air Compressors	0	6.00	78	0.48
Architectural Coatings	Concrete/Industrial Saws	0	8.00	81	0.73
Architectural Coatings	Cranes	0	8.00	231	0.29
Architectural Coatings	Forklifts	0	8.00	89	0.20
Architectural Coatings	Other Construction Equipment	0	8.00	172	0.42
Architectural Coatings	Signal Boards	0	8.00	6	0.82
Architectural Coatings	Trenchers	0	8.00	78	0.50
Architectural Coatings	Welders	0	8.00	46	0.45
Block 4 Demolition	Air Compressors	1	8.00	78	0.48
Block 4 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 4 Demolition	Cranes	1	10.00	231	0.29
Block 4 Demolition	Excavators	1	8.00	158	0.38

Block 4 Demolition	Forklifts	1	8.00	89	0.20
Block 4 Demolition	Generator Sets	1	8.00	84	0.74
Block 4 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 4 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 4 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Demolition	Scrapers	1	8.00	367	0.48
Block 4 Demolition	Signal Boards	1	8.00	6	0.82
Block 4 Demolition	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Grading	Air Compressors	1	8.00	78	0.48
Block 4 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 4 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 4 Grading	Excavators	2	8.00	158	0.38
Block 4 Grading	Forklifts	1	8.00	89	0.20
Block 4 Grading	Generator Sets	1	8.00	84	0.74
Block 4 Grading	Graders	0	8.00	187	0.41
Block 4 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 4 Grading	Pumps	1	8.00	84	0.74
Block 4 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 4 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 4 Grading	Scrapers	2	8.00	367	0.48
Block 4 Grading	Signal Boards	2	8.00	6	0.82
Block 4 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 4 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 4 Grading	Trenchers	1	8.00	78	0.50
Block 4 Grading	Welders	2	8.00	46	0.45
Block 4 Foundation	Aerial Lifts	4	8.00	63	0.31
Block 4 Foundation	Air Compressors	2	8.00	78	0.48
Block 4 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Foundation	Concrete/Industrial Saws	2	4.00	81	0.73
Block 4 Foundation	Cranes	4	10.00	231	0.29
Block 4 Foundation	Forklifts	4	8.00	89	0.20
Block 4 Foundation	Generator Sets	1	8.00	84	0.74
Block 4 Foundation	Pumps	1	8.00	84	0.74
Block 4 Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Block 4 Foundation	Signal Boards	1	8.00	6	0.82
Block 4 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 4 Foundation	Welders	4	8.00	46	0.45
Block 4 Building Construction	Aerial Lifts	4	8.00	63	0.31
Block 4 Building Construction	Air Compressors	2	8.00	78	0.48
Block 4 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 4 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 4 Building Construction	Cranes	4	10.00	231	0.29
Block 4 Building Construction	Forklifts	4	8.00	89	0.20
Block 4 Building Construction	Generator Sets	1	8.00	84	0.74
Block 4 Building Construction	Pumps	1	8.00	84	0.74
Block 4 Building Construction	Signal Boards	1	8.00	6	0.82

Block 4 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 4 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 4 Building Construction	Welders	4	8.00	46	0.45
Block 4 Finishing	Aerial Lifts	4	8.00	63	0.31
Block 4 Finishing	Air Compressors	0	6.00	78	0.48
Block 4 Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Block 4 Finishing	Cranes	3	10.00	231	0.29
Block 4 Finishing	Forklifts	2	8.00	89	0.20
Block 4 Finishing	Generator Sets	1	8.00	84	0.74
Block 4 Finishing	Pavers	1	8.00	130	0.42
Block 4 Finishing	Paving Equipment	1	8.00	132	0.36
Block 4 Finishing	Plate Compactors	1	8.00	8	0.43
Block 4 Finishing	Pumps	1	8.00	84	0.74
Block 4 Finishing	Rollers	1	8.00	80	0.38
Block 4 Finishing	Signal Boards	1	8.00	6	0.82
Block 4 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 4 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 4 Finishing	Trenchers	1	8.00	78	0.50
Block 4 Finishing	Welders	2	8.00	46	0.45
Block 3 Demolition	Air Compressors	1	8.00	78	0.48
Block 3 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Demolition	Excavators	1	8.00	158	0.38
Block 3 Demolition	Forklifts	1	8.00	89	0.20
Block 3 Demolition	Generator Sets	1	8.00	84	0.74
Block 3 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 3 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Block 3 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Demolition	Trenchers	1	8.00	78	0.50
Block 3 Grading	Air Compressors	1	8.00	78	0.48
Block 3 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 3 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Grading	Concrete/Industrial Saws	2	4.00	81	0.73
Block 3 Grading	Excavators	2	8.00	158	0.38
Block 3 Grading	Forklifts	1	8.00	89	0.20
Block 3 Grading	Generator Sets	1	8.00	84	0.74
Block 3 Grading	Graders	0	8.00	187	0.41
Block 3 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 3 Grading	Pavers	1	8.00	130	0.42
Block 3 Grading	Paving Equipment	1	8.00	132	0.36
Block 3 Grading	Plate Compactors	1	8.00	8	0.43
Block 3 Grading	Pumps	1	8.00	84	0.74
Block 3 Grading	Rollers	1	8.00	80	0.38
Block 3 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 3 Grading	Scrapers	1	8.00	367	0.48
Block 3 Grading	Signal Boards	2	8.00	6	0.82
Block 3 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 3 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 3 Grading	Trenchers	1	8.00	78	0.50
Block 3 Grading	Welders	1	8.00	46	0.45
Block 3 Foundation	Aerial Lifts	1	8.00	63	0.31

Block 3 Foundation	Air Compressors	1	8.00	78	0.48
Block 3 Foundation	Bore/Drill Rigs	1	8.00	221	0.50
Block 3 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Foundation	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Foundation	Cranes	2	10.00	231	0.29
Block 3 Foundation	Forklifts	1	8.00	89	0.20
Block 3 Foundation	Plate Compactors	1	8.00	8	0.43
Block 3 Foundation	Pumps	1	8.00	84	0.74
Block 3 Foundation	Signal Boards	1	8.00	6	0.82
Block 3 Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Foundation	Welders	1	8.00	46	0.45
Block 3 Building Construction	Aerial Lifts	1	8.00	63	0.31
Block 3 Building Construction	Air Compressors	1	8.00	78	0.48
Block 3 Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Block 3 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 3 Building Construction	Concrete/Industrial Saws	1	4.00	81	0.73
Block 3 Building Construction	Cranes	2	10.00	231	0.29
Block 3 Building Construction	Forklifts	1	8.00	89	0.20
Block 3 Building Construction	Generator Sets	0	8.00	84	0.74
Block 3 Building Construction	Other Construction Equipment	1	8.00	172	0.42
Block 3 Building Construction	Plate Compactors	1	8.00	8	0.43
Block 3 Building Construction	Pumps	1	8.00	84	0.74
Block 3 Building Construction	Signal Boards	1	8.00	6	0.82
Block 3 Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 3 Building Construction	Welders	1	8.00	46	0.45
Block 3 Finishing	Aerial Lifts	2	8.00	63	0.31
Block 3 Finishing	Concrete/Industrial Saws	2	4.00	81	0.73
Block 3 Finishing	Cranes	2	10.00	231	0.29
Block 3 Finishing	Forklifts	1	8.00	89	0.20
Block 3 Finishing	Generator Sets	0	8.00	84	0.74
Block 3 Finishing	Signal Boards	1	8.00	6	0.82
Block 3 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 3 Finishing	Trenchers	1	8.00	78	0.50
Block 3 Finishing	Welders	2	8.00	46	0.45
Block 2 Demolition	Air Compressors	1	8.00	78	0.48
Block 2 Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Demolition	Excavators	1	8.00	158	0.38
Block 2 Demolition	Forklifts	1	8.00	89	0.20
Block 2 Demolition	Generator Sets	1	8.00	84	0.74
Block 2 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 2 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 2 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 2 Demolition	Scrapers	1	8.00	367	0.48
Block 2 Demolition	Trenchers	1	8.00	78	0.50
Block 2 Grading	Air Compressors	1	8.00	78	0.48
Block 2 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Block 2 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Grading	Excavators	2	8.00	158	0.38
Block 2 Grading	Forklifts	3	8.00	89	0.20

Block 2 Grading	Generator Sets	1	8.00	84	0.74
Block 2 Grading	Graders	0	8.00	187	0.41
Block 2 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 2 Grading	Pumps	1	8.00	84	0.74
Block 2 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 2 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 2 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 2 Grading	Scrapers	0	8.00	367	0.48
Block 2 Grading	Signal Boards	1	8.00	6	0.82
Block 2 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 2 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 2 Grading	Trenchers	1	8.00	78	0.50
Block 2 Grading	Welders	2	8.00	46	0.45
Block 2 Foundation	Aerial Lifts	3	8.00	63	0.31
Block 2 Foundation	Air Compressors	2	8.00	78	0.48
Block 2 Foundation	Bore/Drill Rigs	1	8.00	221	0.50
Block 2 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Foundation	Cranes	3	10.00	231	0.29
Block 2 Foundation	Forklifts	3	8.00	89	0.20
Block 2 Foundation	Generator Sets	1	8.00	84	0.74
Block 2 Foundation	Pumps	1	8.00	84	0.74
Block 2 Foundation	Signal Boards	1	8.00	6	0.82
Block 2 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Foundation	Welders	3	8.00	46	0.45
Block 2 Building Construction	Aerial Lifts	3	8.00	63	0.31
Block 2 Building Construction	Air Compressors	2	8.00	78	0.48
Block 2 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 2 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 2 Building Construction	Cranes	3	10.00	231	0.29
Block 2 Building Construction	Forklifts	3	8.00	89	0.20
Block 2 Building Construction	Generator Sets	1	8.00	84	0.74
Block 2 Building Construction	Pumps	1	8.00	84	0.74
Block 2 Building Construction	Signal Boards	1	8.00	6	0.82
Block 2 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 2 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 2 Building Construction	Welders	3	8.00	46	0.45
Block 2 Finshing	Aerial Lifts	3	8.00	63	0.31
Block 2 Finshing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 2 Finshing	Cranes	2	10.00	231	0.29
Block 2 Finshing	Forklifts	2	8.00	89	0.20
Block 2 Finshing	Generator Sets	1	8.00	84	0.74
Block 2 Finshing	Pavers	1	8.00	130	0.42
Block 2 Finshing	Paving Equipment	1	8.00	132	0.36
Block 2 Finshing	Plate Compactors	1	8.00	8	0.43
Block 2 Finshing	Pumps	1	8.00	84	0.74
Block 2 Finshing	Rollers	1	8.00	80	0.38
Block 2 Finshing	Signal Boards	1	8.00	6	0.82
Block 2 Finshing	Surfacing Equipment	1	8.00	263	0.30

Block 2 Finshing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 2 Finshing	Trenchers	1	8.00	78	0.50
Block 2 Finshing	Welders	2	8.00	46	0.45
Block 1 Demolition	Air Compressors	1	8.00	78	0.48
Block 1 Demolition	Concrete/Industrial Saws	1	4.00	81	0.73
Block 1 Demolition	Excavators	1	8.00	158	0.38
Block 1 Demolition	Forklifts	1	8.00	89	0.20
Block 1 Demolition	Generator Sets	1	8.00	84	0.74
Block 1 Demolition	Other Construction Equipment	1	8.00	172	0.42
Block 1 Demolition	Pavers	0	8.00	130	0.42
Block 1 Demolition	Paving Equipment	0	8.00	132	0.36
Block 1 Demolition	Rollers	0	8.00	80	0.38
Block 1 Demolition	Rough Terrain Forklifts	1	8.00	100	0.40
Block 1 Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Block 1 Demolition	Scrapers	1	8.00	367	0.48
Block 1 Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Block 1 Demolition	Trenchers	1	8.00	78	0.50
Block 1 Grading	Air Compressors	1	8.00	78	0.48
Block 1 Grading	Bore/Drill Rigs	3	8.00	221	0.50
Block 1 Grading	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Grading	Excavators	2	8.00	158	0.38
Block 1 Grading	Forklifts	1	8.00	89	0.20
Block 1 Grading	Generator Sets	1	8.00	84	0.74
Block 1 Grading	Graders	0	8.00	187	0.41
Block 1 Grading	Other Construction Equipment	1	8.00	172	0.42
Block 1 Grading	Pumps	1	8.00	84	0.74
Block 1 Grading	Rough Terrain Forklifts	1	8.00	100	0.40
Block 1 Grading	Rubber Tired Dozers	0	8.00	247	0.40
Block 1 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Block 1 Grading	Scrapers	0	8.00	367	0.48
Block 1 Grading	Signal Boards	2	8.00	6	0.82
Block 1 Grading	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Grading	Surfacing Equipment	1	8.00	263	0.30
Block 1 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Block 1 Grading	Trenchers	1	8.00	78	0.50
Block 1 Grading	Welders	2	8.00	46	0.45
Block 1 Foundation	Aerial Lifts	4	8.00	63	0.31
Block 1 Foundation	Air Compressors	2	8.00	78	0.48
Block 1 Foundation	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Foundation	Cranes	4	10.00	231	0.29
Block 1 Foundation	Forklifts	4	8.00	89	0.20
Block 1 Foundation	Generator Sets	1	8.00	84	0.74
Block 1 Foundation	Pumps	1	8.00	84	0.74
Block 1 Foundation	Signal Boards	1	8.00	6	0.82
Block 1 Foundation	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Foundation	Welders	4	8.00	46	0.45
Block 1 Building Construction	Aerial Lifts	4	8.00	63	0.31
Block 1 Building Construction	Air Compressors	2	8.00	78	0.48

Block 1 Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Block 1 Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Block 1 Building Construction	Cranes	4	10.00	231	0.29
Block 1 Building Construction	Forklifts	4	8.00	89	0.20
Block 1 Building Construction	Generator Sets	1	8.00	84	0.74
Block 1 Building Construction	Pumps	1	8.00	84	0.74
Block 1 Building Construction	Signal Boards	1	8.00	6	0.82
Block 1 Building Construction	Skid Steer Loaders	1	8.00	65	0.37
Block 1 Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 1 Building Construction	Welders	4	8.00	46	0.45
Block 1 Finishing	Aerial Lifts	4	8.00	63	0.31
Block 1 Finishing	Concrete/Industrial Saws	1	4.00	81	0.73
Block 1 Finishing	Cranes	3	10.00	231	0.29
Block 1 Finishing	Forklifts	2	8.00	89	0.20
Block 1 Finishing	Generator Sets	1	8.00	84	0.74
Block 1 Finishing	Pavers	1	8.00	130	0.42
Block 1 Finishing	Paving Equipment	1	8.00	132	0.36
Block 1 Finishing	Plate Compactors	1	8.00	8	0.43
Block 1 Finishing	Pumps	1	8.00	84	0.74
Block 1 Finishing	Rollers	1	8.00	80	0.38
Block 1 Finishing	Signal Boards	1	8.00	6	0.82
Block 1 Finishing	Surfacing Equipment	1	8.00	263	0.30
Block 1 Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Block 1 Finishing	Trenchers	1	8.00	78	0.50
Block 1 Finishing	Welders	2	8.00	46	0.45

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
Block 7 Finishing	20	420.00	28.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 8 Building Construction	37	300.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Grading	27	100.00	240.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 8 Finishing	24	400.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Foundation	37	710.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 5/6 Building Construction	37	710.00	52.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 5/6 Finishing	33	520.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coatings	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 4 Demolition	11	40.00	38.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 4 Grading	25	80.00	85.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 4 Foundation	25	600.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 4 Building Construction	24	600.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 4 Finishing	21	460.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 3 Demolition	9	50.00	16.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 3 Grading	22	70.00	64.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 3 Foundation	13	100.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 3 Building Construction	14	100.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 3 Finishing	11	80.00	3.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 2 Demolition	9	30.00	32.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 2 Grading	22	70.00	112.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 2 Foundation	21	550.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT

Block 2 Building Construction	20	550.00	26.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 2 Finshing	19	420.00	28.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 1 Demolition	9	40.00	38.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 1 Grading	22	80.00	126.00	0.00	14.70	29.00	20.00	LD_Mix	HHDT	HHDT
Block 1 Foundation	24	600.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Block 1 Building Construction	24	600.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Block 1 Finishing	21	460.00	32.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Block 5/6 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																1,039.6325
Total																**1,039.6325**

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
Vendor																2,357.5844
Worker																87.3454
Total																**2,444.9298**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																1,039.6313
Total																**1,039.6313**

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
Vendor																2,357.5844
Worker																87.3454
Total																**2,444.9298**

3.3 Block 7 Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																582.0582
Total																**582.0582**

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
Vendor																64.7741
Worker																366.8508
Total																**431.6248**

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																582.0575
Total																**582.0575**

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
Vendor																64.7741
Worker																366.8508
Total																**431.6248**

3.4 Block 8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																615.6467
Total																**615.6467**

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
Vendor																49.0999
Worker																173.7996
Total																**222.8994**

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																615.6460
Total																**615.6460**

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
Vendor																49.0999
Worker																173.7996
Total																**222.8994**

3.5 Block 8 Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																474.9347
Total																**474.9347**

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
Vendor																49.8553
Worker																235.2979
Total																**285.1531**

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																474.9341
Total																**474.9341**

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
Vendor																49.8553
Worker																235.2979
Total																**285.1531**

3.5 Block 8 Finishing - 2025

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																309.4126
Total																**309.4126**

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
Vendor																32.3041
Worker																147.3595
Total																**179.6636**

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																309.4122

Total																**309.4122**

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
Vendor																32.3041
Worker																147.3595
Total																**179.6636**

3.6 Block 5/6 Foundation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																331.3393
Total																**331.3393**

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
Vendor																101.8221
Worker																208.8269
Total																**310.6490**

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																331.3389
Total																**331.3389**

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
Vendor																101.8221
Worker																208.8269
Total																**310.6490**

3.6 Block 5/6 Foundation - 2025

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																321.2846
Total																**321.2846**

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
Vendor																98.0780
Worker																194.6517
Total																**292.7296**

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																321.2843
Total																**321.2843**

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
Vendor																98.0780
Worker																194.6517
Total																**292.7296**

3.7 Block 5/6 Building Construction - 2025

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																547.1879
Total																**547.1879**

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
Vendor																66.5333
Worker																331.5161
Total																**398.0494**

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																547.1872
Total																**547.1872**

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
Vendor																66.5333
Worker																331.5161
Total																**398.0494**

3.8 Block 5/6 Finishing - 2025

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																419.6676
Total																**419.6676**

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
Vendor																41.3192
Worker																196.0225
Total																**237.3416**

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																419.6671
Total																**419.6671**

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
Vendor																41.3192
Worker																196.0225
Total																**237.3416**

3.8 Block 5/6 Finishing - 2026

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																615.1945
Total																**615.1945**

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
Vendor																60.2509
Worker																277.3623
Total																**337.6131**

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																615.1938
Total																**615.1938**

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
Vendor																60.2509
Worker																277.3623
Total																**337.6131**

3.9 Architectural Coatings - 2026

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
Off-Road																0.0000
Total																**0.0000**

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
Vendor																0.0000
Worker																0.0000
Total																**0.0000**

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
Off-Road																0.0000
Total																**0.0000**

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
Vendor																0.0000
Worker																0.0000
Total																**0.0000**

3.10 Block 4 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																55.5566
Total																**55.5566**

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
Vendor																43.3496
Worker																3.8040
Total																**47.1536**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																55.5565
Total																**55.5565**

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
Vendor																43.3496
Worker																3.8040
Total																**47.1536**

3.11 Block 4 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																628.9250
Total																**628.9250**

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
Vendor																459.5358
Worker																36.0554

Total																**495.5913**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																628.9243
Total																**628.9243**

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
Vendor																459.5358
Worker																36.0554
Total																**495.5913**

3.12 Block 4 Foundation - 2027

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																226.3051
Total																**226.3051**

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
Vendor																96.8956

Worker																153.7111
Total																**250.6067**

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																226.3049
Total																**226.3049**

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
Vendor																96.8956
Worker																153.7111
Total																**250.6067**

3.13 Block 4 Building Construction - 2027

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																463.2183
Total																**463.2183**

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

Vendor																57.8494
Worker																314.6274
Total																**372.4768**

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																463.2178
Total																**463.2178**

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
Vendor																57.8494
Worker																314.6274
Total																**372.4768**

3.14 Block 4 Finishing - 2027

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																224.8061
Total																**224.8061**

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
Vendor																24.5436
Worker																121.5278
Total																**146.0714**

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																224.8059
Total																**224.8059**

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
Vendor																24.5436
Worker																121.5278
Total																**146.0714**

3.14 Block 4 Finishing - 2028

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																442.8000
Total																**442.8000**

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
Vendor																48.1456
Worker																232.3862
Total																**280.5318**

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																442.7995
Total																**442.7995**

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
Vendor																48.1456
Worker																232.3862
Total																**280.5318**

3.15 Block 3 Demolition - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																80.2565
Total																**80.2565**

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
Vendor																34.6198
Worker																8.5493
Total																**43.1691**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																80.2564
Total																**80.2564**

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
Vendor																34.6198
Worker																8.5493
Total																**43.1691**

3.16 Block 3 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																382.3365
Total																**382.3365**

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
Vendor																270.6637
Worker																23.3941
Total																**294.0578**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																382.3360
Total																**382.3360**

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
Vendor																270.6637
Worker																23.3941
Total																**294.0578**

3.17 Block 3 Foundation - 2029

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																135.3121
Total																**135.3121**

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
Vendor																97.4733
Worker																24.5807
Total																**122.0540**

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																135.3119
Total																**135.3119**

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
Vendor																97.4733
Worker																24.5807
Total																**122.0540**

3.18 Block 3 Building Construction - 2029

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																306.2087
Total																**306.2087**

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
Vendor																11.9924
Worker																49.1615
Total																**61.1538**

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																306.2083
Total																**306.2083**

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
Vendor																11.9924
Worker																49.1615
Total																**61.1538**

3.19 Block 3 Finishing - 2029

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																98.0186
Total																**98.0186**

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
Vendor																2.2832
Worker																19.9671
Total																**22.2503**

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																98.0185
Total																**98.0185**

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
Vendor																2.2832
Worker																19.9671
Total																**22.2503**

3.19 Block 3 Finishing - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																216.5172
Total																**216.5172**

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
Vendor																4.4478
Worker																38.0641
Total																**42.5118**

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																216.5169
Total																**216.5169**

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
Vendor																4.4478
Worker																38.0641
Total																**42.5118**

3.20 Block 2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																115.4896

Total																**115.4896**

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
Vendor																70.2928
Worker																4.9793
Total																**75.2722**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																115.4894
Total																**115.4894**

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
Vendor																70.2928
Worker																4.9793
Total																**75.2722**

3.21 Block 2 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000

Off-Road																407.6990
Total																**407.6990**

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
Vendor																475.6482
Worker																22.4622
Total																**498.1104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																407.6985
Total																**407.6985**

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
Vendor																475.6482
Worker																22.4622
Total																**498.1104**

3.21 Block 2 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust																0.0000
Off-Road																201.5064
Total																**201.5064**

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
Vendor																234.5238
Worker																10.8753
Total																**245.3991**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																201.5062
Total																**201.5062**

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
Vendor																234.5238
Worker																10.8753
Total																**245.3991**

3.22 Block 2 Foundation - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Off-Road																410.7621
Total																**410.7621**

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
Vendor																162.3645
Worker																216.6034
Total																**378.9679**

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																410.7616
Total																**410.7616**

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
Vendor																162.3645
Worker																216.6034
Total																**378.9679**

3.23 Block 2 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																355.9766
Total																**355.9766**

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
Vendor																32.5100
Worker																216.6034
Total																**249.1135**

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																355.9762
Total																**355.9762**

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
Vendor																32.5100
Worker																216.6034
Total																**249.1135**

3.23 Block 2 Building Construction - 2032

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																137.1653
Total																**137.1653**

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
Vendor																12.5016
Worker																81.7564
Total																**94.2579**

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																137.1651
Total																**137.1651**

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
Vendor																12.5016
Worker																81.7564
Total																**94.2579**

3.24 Block 2 Finshing - 2032

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																716.5867
Total																**716.5867**

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
Vendor																70.5217
Worker																327.0254
Total																**397.5471**

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																716.5859
Total																**716.5859**

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
Vendor																70.5217
Worker																327.0254
Total																**397.5471**

3.25 Block 1 Demolition - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																99.7083
Total																**99.7083**

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
Vendor																75.4964
Worker																5.6981
Total																**81.1945**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																99.7081
Total																**99.7081**

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
Vendor																75.4964
Worker																5.6981
Total																**81.1945**

3.26 Block 1 Grading - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																666.4960
Total																**666.4960**

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
Vendor																805.9406
Worker																36.6902
Total																**842.6307**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																666.4952
Total																**666.4952**

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
Vendor																805.9406
Worker																36.6902

Total																**842.6307**

3.27 Block 1 Foundation - 2033

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																340.2593
Total																**340.2593**

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
Vendor																129.0641
Worker																181.3663
Total																**310.4304**

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																340.2589
Total																**340.2589**

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
Vendor																129.0641

Worker																181.3663
Total																**310.4304**

3.27 Block 1 Foundation - 2034

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																86.0426
Total																**86.0426**

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
Vendor																32.5984
Worker																45.1090
Total																**77.7074**

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																86.0425
Total																**86.0425**

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

Vendor																32.5984
Worker																45.1090
Total																**77.7074**

3.28 Block 1 Building Construction - 2034

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																594.4761
Total																**594.4761**

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
Vendor																55.5281
Worker																311.6622
Total																**367.1903**

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																594.4754
Total																**594.4754**

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
Vendor																55.5281
Worker																311.6622
Total																**367.1903**

3.29 Block 1 Finishing - 2034

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																320.5313
Total																**320.5313**

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
Vendor																31.4172
Worker																135.1903
Total																**166.6075**

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																320.5309
Total																**320.5309**

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
Vendor																31.4172
Worker																135.1903
Total																**166.6075**

3.29 Block 1 Finishing - 2035

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																484.4659
Total																**484.4659**

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
Vendor																47.4483
Worker																201.4235
Total																**248.8718**

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																484.4653
Total																**484.4653**

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
Vendor																47.4483
Worker																201.4235
Total																**248.8718**

District NoHo Existing (2020)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	49.10	1000sqft	1.13	49,100.00	0
Parking Lot	1,098.00	Space	9.88	439,200.00	0
High Turnover (Sit Down Restaurant)	1.73	1000sqft	0.04	1,725.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2020
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	733	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Grading -

Vehicle Trips - Site Specific

Woodstoves - Consistent with SCAQM Rules

Area Coating -

Energy Use - Section 120.6 (c) CBC

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	1,730.00	1,725.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	733
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2431	1.4000e-004	0.0148	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Energy	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						256.0547
Mobile	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						33.5637
Water						0.0000	0.0000		0.0000	0.0000						67.8999
Total	**0.2456**	**0.0225**	**0.0335**	**1.3000e-004**	**0.0000**	**1.7500e-003**	**1.7500e-003**	**0.0000**	**1.7500e-003**	**1.7500e-003**						**357.5487**

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	0.2431	1.4000e-004	0.0148	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Energy	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						256.0547
Mobile	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						7.9210
Water						0.0000	0.0000		0.0000	0.0000						67.8999
Total	**0.2456**	**0.0225**	**0.0335**	**1.3000e-004**	**0.0000**	**1.7500e-003**	**1.7500e-003**	**0.0000**	**1.7500e-003**	**1.7500e-003**						**331.9060**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7.17**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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
Unmitigated	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Parking Lot	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Unrefrigerated Warehouse-No Rail	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907

5.0 Energy Detail

Historical Energy Use: Y

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						231.6128
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000						231.6128
NaturalGas Mitigated	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						24.4419
NaturalGas Unmitigated	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						24.4419

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					
High Turnover (Sit Down Restaurant)	404254	2.1800e-003	0.0198	0.0167	1.2000e-004		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003						21.7007

Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	51064	2.8000e-004	2.5000e-003	2.1000e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004						2.7412
Total		**2.4600e-003**	**0.0223**	**0.0188**	**1.4000e-004**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**						**24.4419**

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					
High Turnover (Sit Down Restaurant)	404254	2.1800e-003	0.0198	0.0167	1.2000e-004		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003						21.7007
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	51064	2.8000e-004	2.5000e-003	2.1000e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004						2.7412
Total		**2.4600e-003**	**0.0223**	**0.0188**	**1.4000e-004**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**						**24.4419**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	83352				27.8082
Parking Lot	386496				128.9440
Unrefrigerated Warehouse-No Rail	224387				74.8607
Total					**231.6128**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	83352				27.8082
Parking Lot	386496				128.9440
Unrefrigerated Warehouse-No Rail	224387				74.8607
Total					**231.6128**

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	0.2431	1.4000e-004	0.0148	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Unmitigated	0.2431	1.4000e-004	0.0148	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304

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	0.0297					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	0.2121					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	1.3900e-003	1.4000e-004	0.0148	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Total	**0.2431**	**1.4000e-004**	**0.0148**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**						**0.0304**

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	0.0297					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	0.2121					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	1.3900e-003	1.4000e-004	0.0148	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Total	**0.2431**	**1.4000e-004**	**0.0148**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**						**0.0304**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				67.8999

Unmitigated				67.8999

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	0.525113 / 0.0335179				3.1202
Parking Lot	0 / 0				0.0000
Unrefrigerated Warehouse-No Rail	11.3544 / 0				64.7798
Total					**67.8999**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	0.525113 / 0.0335179				3.1202
Parking Lot	0 / 0				0.0000
Unrefrigerated Warehouse-No Rail	11.3544 / 0				64.7798
Total					**67.8999**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				7.9210
Unmitigated				33.5637

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High Turnover (Sit Down Restaurant)	20.59				10.3547
Parking Lot	0				0.0000
Unrefrigerated Warehouse-No Rail	46.15				23.2089
Total					**33.5637**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High Turnover (Sit Down Restaurant)	4.85924				2.4437
Parking Lot	0				0.0000
Unrefrigerated Warehouse-No Rail	10.8914				5.4773
Total					**7.9210**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

District NoHo Existing (2035)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	49.10	1000sqft	1.13	49,100.00	0
Parking Lot	1,098.00	Space	9.88	439,200.00	0
High Turnover (Sit Down Restaurant)	1.73	1000sqft	0.04	1,725.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	377	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Grading -

Vehicle Trips - Site Specific

Woodstoves - Consistent with SCAQM Rules

Area Coating -

Energy Use - Section 120.6 (c) CBC

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	1,730.00	1,725.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	377
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2430	1.3000e-004	0.0146	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Energy	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						143.9504
Mobile	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						33.5637
Water						0.0000	0.0000		0.0000	0.0000						42.8618
Total	**0.2455**	**0.0225**	**0.0333**	**1.3000e-004**	**0.0000**	**1.7500e-003**	**1.7500e-003**	**0.0000**	**1.7500e-003**	**1.7500e-003**						**220.4062**

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	0.2430	1.3000e-004	0.0146	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Energy	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						143.9504
Mobile	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						7.9210
Water						0.0000	0.0000		0.0000	0.0000						42.8618
Total	**0.2455**	**0.0225**	**0.0333**	**1.3000e-004**	**0.0000**	**1.7500e-003**	**1.7500e-003**	**0.0000**	**1.7500e-003**	**1.7500e-003**						**194.7635**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**11.63**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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
Unmitigated	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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Parking Lot	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Unrefrigerated Warehouse-No Rail	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807

5.0 Energy Detail

Historical Energy Use: Y

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						119.5085
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000						119.5085
NaturalGas Mitigated	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						24.4419
NaturalGas Unmitigated	2.4600e-003	0.0223	0.0188	1.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003						24.4419

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					

High Turnover (Sit Down Restaurant)	404254	2.1800e-003	0.0198	0.0167	1.2000e-004		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003						21.7007
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	51064	2.8000e-004	2.5000e-003	2.1000e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004						2.7412
Total		**2.4600e-003**	**0.0223**	**0.0188**	**1.4000e-004**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**						**24.4419**

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					
High Turnover (Sit Down Restaurant)	404254	2.1800e-003	0.0198	0.0167	1.2000e-004		1.5100e-003	1.5100e-003		1.5100e-003	1.5100e-003						21.7007
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Unrefrigerated Warehouse-No Rail	51064	2.8000e-004	2.5000e-003	2.1000e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004						2.7412
Total		**2.4600e-003**	**0.0223**	**0.0188**	**1.4000e-004**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**						**24.4419**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	83352				14.3486
Parking Lot	386496				66.5331
Unrefrigerated Warehouse-No Rail	224387				38.6269
Total					**119.5085**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	83352				14.3486
Parking Lot	386496				66.5331
Unrefrigerated Warehouse-No Rail	224387				38.6269
Total					**119.5085**

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	0.2430	1.3000e-004	0.0146	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Unmitigated	0.2430	1.3000e-004	0.0146	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304

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	0.0297					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	0.2121					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	1.3300e-003	1.3000e-004	0.0146	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Total	**0.2430**	**1.3000e-004**	**0.0146**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**						**0.0304**

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	0.0297					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	0.2121					0.0000	0.0000		0.0000	0.0000						0.0000
Landscaping	1.3300e-003	1.3000e-004	0.0146	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005						0.0304
Total	**0.2430**	**1.3000e-004**	**0.0146**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**						**0.0304**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				42.8618

Unmitigated				42.8618

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	0.525113 / 0.0335179				1.9559
Parking Lot	0 / 0				0.0000
Unrefrigerated Warehouse-No Rail	11.3544 / 0				40.9059
Total					**42.8618**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	0.525113 / 0.0335179				1.9559
Parking Lot	0 / 0				0.0000
Unrefrigerated Warehouse-No Rail	11.3544 / 0				40.9059
Total					**42.8618**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				7.9210
Unmitigated				33.5637

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High Turnover (Sit Down Restaurant)	20.59				10.3547
Parking Lot	0				0.0000
Unrefrigerated Warehouse-No Rail	46.15				23.2089
Total					**33.5637**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High Turnover (Sit Down Restaurant)	4.85924				2.4437
Parking Lot	0				0.0000
Unrefrigerated Warehouse-No Rail	10.8914				5.4773
Total					**7.9210**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

District NoHo Buildout (No PDFs)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	0.00	580,374.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	2,530.00	Space	0.00	1,012,000.00	0
Unenclosed Parking Structure	1,057.00	Space	0.00	422,800.00	0
High Turnover (Sit Down Restaurant)	75.00	1000sqft	0.00	75,000.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	15.90	1,195,111.00	4367
Strip Mall	30.13	1000sqft	0.00	30,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	377	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Woodstoves - Consistent with SCAQM Rules

Consumer Products - Updated to reflect 2012 ARB data.

Energy Use - Section 120.6 (c) CBC

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF - AQMD BACT

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	1.98E-05	1.7E-05
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	NumberGas	1,297.95	1,374.00
tblFireplaces	NumberWood	76.35	0.00
tblLandUse	LandUseSquareFeet	580,370.00	580,374.00
tblLandUse	LandUseSquareFeet	1,527,000.00	1,195,111.00
tblLandUse	LandUseSquareFeet	30,130.00	30,125.00
tblLandUse	LotAcreage	13.32	0.00
tblLandUse	LotAcreage	22.77	0.00

tblLandUse	LotAcreage	9.51	0.00
tblLandUse	LotAcreage	1.72	0.00
tblLandUse	LotAcreage	40.18	15.90
tblLandUse	LotAcreage	0.69	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	377
tblVehicleTrips	CC_TL	8.40	8.11
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	19,350.00
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	16,171.00
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	21,742.00
tblWoodstoves	NumberCatalytic	76.35	0.00
tblWoodstoves	NumberNoncatalytic	76.35	0.00

2.0 Emissions Summary

2.1 Overall Construction

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	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574
Energy	0.2166	1.9194	1.2922	0.0118		0.1496	0.1496		0.1496	0.1496						5,704.6463
Mobile	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274
Stationary	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Waste						0.0000	0.0000		0.0000	0.0000						1,089.4356
Water						0.0000	0.0000		0.0000	0.0000						1,066.3672
Total	**10.7088**	**22.5927**	**59.9019**	**0.2344**	**23.0828**	**0.3767**	**23.4595**	**6.1849**	**0.3687**	**6.5536**						**28,742.4978**

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	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574
Energy	0.2078	1.8419	1.2407	0.0113		0.1436	0.1436		0.1436	0.1436						5,544.1300
Mobile	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274
Stationary	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Waste						0.0000	0.0000		0.0000	0.0000						257.1068
Water						0.0000	0.0000		0.0000	0.0000						1,066.3672
Total	**10.7000**	**22.5152**	**59.8505**	**0.2339**	**23.0828**	**0.3707**	**23.4535**	**6.1849**	**0.3627**	**6.5475**						**27,749.6527**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.08**	**0.34**	**0.09**	**0.20**	**0.00**	**1.61**	**0.03**	**0.00**	**1.64**	**0.09**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.45**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274
Unmitigated	3.3212	20.1381	42.6795	0.2198	23.0828	0.1129	23.1957	6.1849	0.1049	6.2898						20,512.2274

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
User Defined Commercial	21,742.00	19,350.00	16171.00	60,825,097	60,825,097
Total	21,742.00	19,350.00	16,171.00	60,825,097	60,825,097

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.11	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Enclosed Parking with Elevator	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
General Office Building	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
High Turnover (Sit Down Restaurant)	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Strip Mall	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Unenclosed Parking Structure	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
User Defined Commercial	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						3,475.4192
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000						3,548.7250
NaturalGas Mitigated	0.2078	1.8419	1.2407	0.0113		0.1436	0.1436		0.1436	0.1436						2,068.7109
NaturalGas Unmitigated	0.2166	1.9194	1.2922	0.0118		0.1496	0.1496		0.1496	0.1496						2,155.9214

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.67637e+007	0.0904	0.7724	0.3287	4.9300e-003		0.0625	0.0625		0.0625	0.0625						899.8899
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	6.04169e+006	0.0326	0.2962	0.2488	1.7800e-003		0.0225	0.0225		0.0225	0.0225						324.3237
High Turnover (Sit Down Restaurant)	1.7307e+007	0.0933	0.8484	0.7126	5.0900e-003		0.0645	0.0645		0.0645	0.0645						929.0557
Strip Mall	49405	2.7000e-004	2.4200e-003	2.0300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004						2.6521
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.2166**	**1.9194**	**1.2922**	**0.0118**		**0.1496**	**0.1496**		**0.1496**	**0.1496**						**2,155.9214**

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					
Apartments Mid Rise	1.60464e+007	0.0865	0.7394	0.3146	4.7200e-003		0.0598	0.0598		0.0598	0.0598						861.3867
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	5.46016e+006	0.0294	0.2677	0.2248	1.6100e-003		0.0203	0.0203		0.0203	0.0203						293.1064
High Turnover (Sit Down Restaurant)	1.69847e+007	0.0916	0.8326	0.6994	5.0000e-003		0.0633	0.0633		0.0633	0.0633						911.7517
Strip Mall	45940.6	2.5000e-004	2.2500e-003	1.8900e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004						2.4661
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.2078**	**1.8419**	**1.2407**	**0.0113**		**0.1436**	**0.1436**		**0.1436**	**0.1436**						**2,068.7109**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	6.18989e+006				1,065.5542
Enclosed Parking with Elevator	2.4288e+006				418.1038
General Office Building	7.53906e+006				1,297.8052
High Turnover (Sit Down Restaurant)	3.3105e+006				569.8834
Strip Mall	406688				70.0089
Unenclosed Parking Structure	739900				127.3695
User Defined Commercial	0				0.0000
Total					**3,548.7250**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	6.15048e+006				1,058.7699
Enclosed Parking with Elevator	2.38225e+006				410.0902
General Office Building	7.27209e+006				1,251.8475
High Turnover (Sit Down Restaurant)	3.24968e+006				559.4127

Strip Mall	394607				67.9294
Unenclosed Parking Structure	739900				127.3695
User Defined Commercial	0				0.0000
Total					**3,475.4192**

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	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574
Unmitigated	7.1464	0.4664	15.8675	2.6500e-003		0.1106	0.1106		0.1106	0.1106						358.3574

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	0.7116					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	5.9273					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.0333	0.2849	0.1212	1.8200e-003		0.0230	0.0230		0.0230	0.0230						331.9091
Landscaping	0.4742	0.1815	15.7463	8.4000e-004		0.0875	0.0875		0.0875	0.0875						26.4482
Total	**7.1464**	**0.4664**	**15.8676**	**2.6600e-003**		**0.1106**	**0.1106**		**0.1106**	**0.1106**						**358.3574**

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	0.7116					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	5.9273					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	0.0333	0.2849	0.1212	1.8200e-003		0.0230	0.0230		0.0230	0.0230						331.9091
Landscaping	0.4742	0.1815	15.7463	8.4000e-004		0.0875	0.0875		0.0875	0.0875						26.4482
Total	**7.1464**	**0.4664**	**15.8676**	**2.6600e-003**		**0.1106**	**0.1106**		**0.1106**	**0.1106**						**358.3574**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				1,066.3672
Unmitigated				1,066.3672

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	99.4902 / 62.7221				478.3858
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	103.151 / 63.2218				492.5313
High Turnover (Sit Down Restaurant)	22.765 / 1.45309				84.7935
Strip Mall	2.23181 / 1.36788				10.6565
Unenclosed Parking Structure	0 / 0				0.0000
User Defined Commercial	0 / 0				0.0000
Total					**1,066.3672**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	99.4902 / 62.7221				478.3858
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	103.151 / 63.2218				492.5313
High Turnover (Sit Down Restaurant)	22.765 / 1.45309				84.7935
Strip Mall	2.23181 / 1.36788				10.6565
Unenclosed Parking Structure	0 / 0				0.0000
User Defined Commercial	0 / 0				0.0000

Total				**1,066.3672**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				257.1068
Unmitigated				1,089.4356

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	702.42				353.2481
Enclosed Parking with Elevator	0				0.0000
General Office Building	539.74				271.4361
High Turnover (Sit Down Restaurant)	892.5				448.8396
Strip Mall	31.64				15.9118
Unenclosed Parking Structure	0				0.0000
User Defined Commercial	0				0.0000
Total					**1,089.4356**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	165.771				83.3666
Enclosed Parking with Elevator	0				0.0000
General Office Building	127.379				64.0589
High Turnover (Sit Down Restaurant)	210.63				105.9262
Strip Mall	7.46704				3.7552

Unenclosed Parking Structure	0			0.0000
User Defined Commercial	0			0.0000
Total				**257.1068**

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
Emergency Generator	5	0.25	12	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (600 - 900 HP)	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Total	**0.0246**	**0.0688**	**0.0628**	**1.2000e-004**		**3.6200e-003**	**3.6200e-003**		**3.6200e-003**	**3.6200e-003**						**11.4640**

11.0 Vegetation

District NoHo Buildout

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	580.37	1000sqft	0.00	580,374.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	2,530.00	Space	0.00	1,012,000.00	0
Unenclosed Parking Structure	1,057.00	Space	0.00	422,800.00	0
High Turnover (Sit Down Restaurant)	75.00	1000sqft	0.00	75,000.00	0
Apartments Mid Rise	1,527.00	Dwelling Unit	15.90	1,195,111.00	4367
Strip Mall	30.13	1000sqft	0.00	30,125.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	12			**Operational Year**	2035
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	377	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Consitentcy with RPS.

Land Use - Project Specific

Woodstoves - Consistent with SCAQM Rules

Consumer Products - Updated to reflect 2012 ARB data.

Energy Use - Section 120.6 (c) CBC

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF - AQMD BACT

Vehicle Trips - LADOT VMT Calculator

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	1.98E-05	1.7E-05
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	NumberGas	1,297.95	75.00
tblFireplaces	NumberNoFireplace	152.70	0.00
tblFireplaces	NumberWood	76.35	0.00
tblLandUse	LandUseSquareFeet	580,370.00	580,374.00
tblLandUse	LandUseSquareFeet	1,527,000.00	1,195,111.00
tblLandUse	LandUseSquareFeet	30,130.00	30,125.00

tblLandUse	LotAcreage	13.32	0.00
tblLandUse	LotAcreage	22.77	0.00
tblLandUse	LotAcreage	9.51	0.00
tblLandUse	LotAcreage	1.72	0.00
tblLandUse	LotAcreage	40.18	15.90
tblLandUse	LotAcreage	0.69	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	377
tblVehicleTrips	CC_TL	8.40	8.35
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	11,058.00
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	9,242.00
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	12,425.00
tblWoodstoves	NumberCatalytic	76.35	0.00
tblWoodstoves	NumberNoncatalytic	76.35	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	7.1149	0.1971	15.7529	9.3000e-004		0.0888	0.0888		0.0888	0.0888						44.5655
Energy	0.2166	1.9194	1.2922	0.0118		0.1496	0.1496		0.1496	0.1496						5,704.6463
Mobile	1.9261	11.6456	24.9894	0.1291	13.5817	0.0662	13.6480	3.6391	0.0615	3.7007						12,043.5351
Stationary	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Waste						0.0000	0.0000		0.0000	0.0000						1,089.4356
Water						0.0000	0.0000		0.0000	0.0000						1,066.3672
Total	**9.2822**	**13.8309**	**42.0973**	**0.1419**	**13.5817**	**0.3083**	**13.8900**	**3.6391**	**0.3036**	**3.9427**						**19,960.0136**

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	7.1149	0.1971	15.7529	9.3000e-004		0.0888	0.0888		0.0888	0.0888						44.5655
Energy	0.2078	1.8419	1.2407	0.0113		0.1436	0.1436		0.1436	0.1436						5,259.6651
Mobile	1.9183	11.6074	24.8227	0.1281	13.4731	0.0658	13.5388	3.6100	0.0611	3.6711						11,954.1271
Stationary	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Waste						0.0000	0.0000		0.0000	0.0000						257.1068
Water						0.0000	0.0000		0.0000	0.0000						853.0937
Total	**9.2656**	**13.7152**	**41.8791**	**0.1405**	**13.4731**	**0.3017**	**13.7748**	**3.6100**	**0.2971**	**3.9071**						**18,380.0222**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.18**	**0.84**	**0.52**	**1.01**	**0.80**	**2.12**	**0.83**	**0.80**	**2.14**	**0.90**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7.92**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9183	11.6074	24.8227	0.1281	13.4731	0.0658	13.5388	3.6100	0.0611	3.6711						11,954.1271
Unmitigated	1.9261	11.6456	24.9894	0.1291	13.5817	0.0662	13.6480	3.6391	0.0615	3.7007						12,043.5351

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
User Defined Commercial	12,425.00	11,058.00	9242.00	35,788,935	35,502,624
Total	12,425.00	11,058.00	9,242.00	35,788,935	35,502,624

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.35	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Enclosed Parking with Elevator	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
General Office Building	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
High Turnover (Sit Down Restaurant)	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Strip Mall	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
Unenclosed Parking Structure	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807
User Defined Commercial	0.539854	0.043743	0.210883	0.115969	0.013375	0.006440	0.022010	0.036531	0.002703	0.001629	0.005324	0.000732	0.000807

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						3,190.9542
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000						3,548.7250
NaturalGas Mitigated	0.2078	1.8419	1.2407	0.0113		0.1436	0.1436		0.1436	0.1436						2,068.7109
NaturalGas Unmitigated	0.2166	1.9194	1.2922	0.0118		0.1496	0.1496		0.1496	0.1496						2,155.9214

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.67637e+007	0.0904	0.7724	0.3287	4.9300e-003		0.0625	0.0625		0.0625	0.0625						899.8899
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	6.04169e+006	0.0326	0.2962	0.2488	1.7800e-003		0.0225	0.0225		0.0225	0.0225						324.3237
High Turnover (Sit Down Restaurant)	1.7307e+007	0.0933	0.8484	0.7126	5.0900e-003		0.0645	0.0645		0.0645	0.0645						929.0557
Strip Mall	49405	2.7000e-004	2.4200e-003	2.0300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004						2.6521
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.2166**	**1.9194**	**1.2922**	**0.0118**		**0.1496**	**0.1496**		**0.1496**	**0.1496**						**2,155.9214**

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					
Apartments Mid Rise	1.60464e+007	0.0865	0.7394	0.3146	4.7200e-003		0.0598	0.0598		0.0598	0.0598						861.3867
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
General Office Building	5.46016e+006	0.0294	0.2677	0.2248	1.6100e-003		0.0203	0.0203		0.0203	0.0203						293.1064
High Turnover (Sit Down Restaurant)	1.69847e+007	0.0916	0.8326	0.6994	5.0000e-003		0.0633	0.0633		0.0633	0.0633						911.7517
Strip Mall	45940.6	2.5000e-004	2.2500e-003	1.8900e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004						2.4661
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000
Total		**0.2078**	**1.8419**	**1.2407**	**0.0113**		**0.1436**	**0.1436**		**0.1436**	**0.1436**						**2,068.7109**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	6.18989e+006				1,065.5542
Enclosed Parking with Elevator	2.4288e+006				418.1038
General Office Building	7.53906e+006				1,297.8052
High Turnover (Sit Down Restaurant)	3.3105e+006				569.8834
Strip Mall	406688				70.0089
Unenclosed Parking Structure	739900				127.3695
User Defined Commercial	0				0.0000
Total					**3,548.7250**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	5.86744e+006				1,010.0454
Enclosed Parking with Elevator	1.9395e+006				333.8733
General Office Building	6.72508e+006				1,157.6842
High Turnover (Sit Down Restaurant)	3.10211e+006				534.0107
Strip Mall	347462				59.8135
Unenclosed Parking Structure	554925				95.5271

User Defined Commercial	0				0.0000
Total					**3,190.9543**

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	7.1149	0.1971	15.7529	9.3000e-004		0.0888	0.0888		0.0888	0.0888						44.5655
Unmitigated	7.1149	0.1971	15.7529	9.3000e-004		0.0888	0.0888		0.0888	0.0888						44.5655

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	0.7116					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	5.9273					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	1.8200e-003	0.0156	6.6200e-003	1.0000e-004		1.2600e-003	1.2600e-003		1.2600e-003	1.2600e-003						18.1173
Landscaping	0.4742	0.1815	15.7463	8.4000e-004		0.0875	0.0875		0.0875	0.0875						26.4482
Total	**7.1149**	**0.1971**	**15.7529**	**9.4000e-004**		**0.0888**	**0.0888**		**0.0888**	**0.0888**						**44.5655**

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	0.7116					0.0000	0.0000		0.0000	0.0000						0.0000
Consumer Products	5.9273					0.0000	0.0000		0.0000	0.0000						0.0000
Hearth	1.8200e-003	0.0156	6.6200e-003	1.0000e-004		1.2600e-003	1.2600e-003		1.2600e-003	1.2600e-003						18.1173
Landscaping	0.4742	0.1815	15.7463	8.4000e-004		0.0875	0.0875		0.0875	0.0875						26.4482
Total	**7.1149**	**0.1971**	**15.7529**	**9.4000e-004**		**0.0888**	**0.0888**		**0.0888**	**0.0888**						**44.5655**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				853.0937
Unmitigated				1,066.3672

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	99.4902 / 62.7221				478.3858
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	103.151 / 63.2218				492.5313
High Turnover (Sit Down Restaurant)	22.765 / 1.45309				84.7935
Strip Mall	2.23181 / 1.36788				10.6565
Unenclosed Parking Structure	0 / 0				0.0000
User Defined Commercial	0 / 0				0.0000
Total					**1,066.3672**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	79.5922 / 50.1777				382.7087
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	82.5211 / 50.5774				394.0251
High Turnover (Sit Down Restaurant)	18.212 / 1.16247				67.8348
Strip Mall	1.78544 / 1.0943				8.5252
Unenclosed Parking Structure	0 / 0				0.0000
User Defined Commercial	0 / 0				0.0000
Total					**853.0937**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				257.1068
Unmitigated				1,089.4356

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	702.42				353.2481
Enclosed Parking with Elevator	0				0.0000
General Office Building	539.74				271.4361
High Turnover (Sit Down Restaurant)	892.5				448.8396
Strip Mall	31.64				15.9118
Unenclosed Parking Structure	0				0.0000
User Defined Commercial	0				0.0000
Total					**1,089.4356**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	165.771				83.3666
Enclosed Parking with Elevator	0				0.0000
General Office Building	127.379				64.0589
High Turnover (Sit Down Restaurant)	210.63				105.9262
Strip Mall	7.46704				3.7552
Unenclosed Parking Structure	0				0.0000

User Defined Commercial	0			0.0000
Total				**257.1068**

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
Emergency Generator	5	0.25	12	500	0.73	Diesel

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (300 - 600 HP)	0.0246	0.0688	0.0628	1.2000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003						11.4640
Total	**0.0246**	**0.0688**	**0.0628**	**1.2000e-004**		**3.6200e-003**	**3.6200e-003**		**3.6200e-003**	**3.6200e-003**						**11.4640**

11.0 Vegetation