

Appendix F

Greenhouse Gas Emissions

Technical Report



LOS CERRITOS WETLANDS RESTORATION PROGRAM

Greenhouse Gas Emissions Technical Report

Prepared for
Los Cerritos Wetlands Authority

April 2020



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LOS CERRITOS WETLANDS RESTORATION PROGRAM

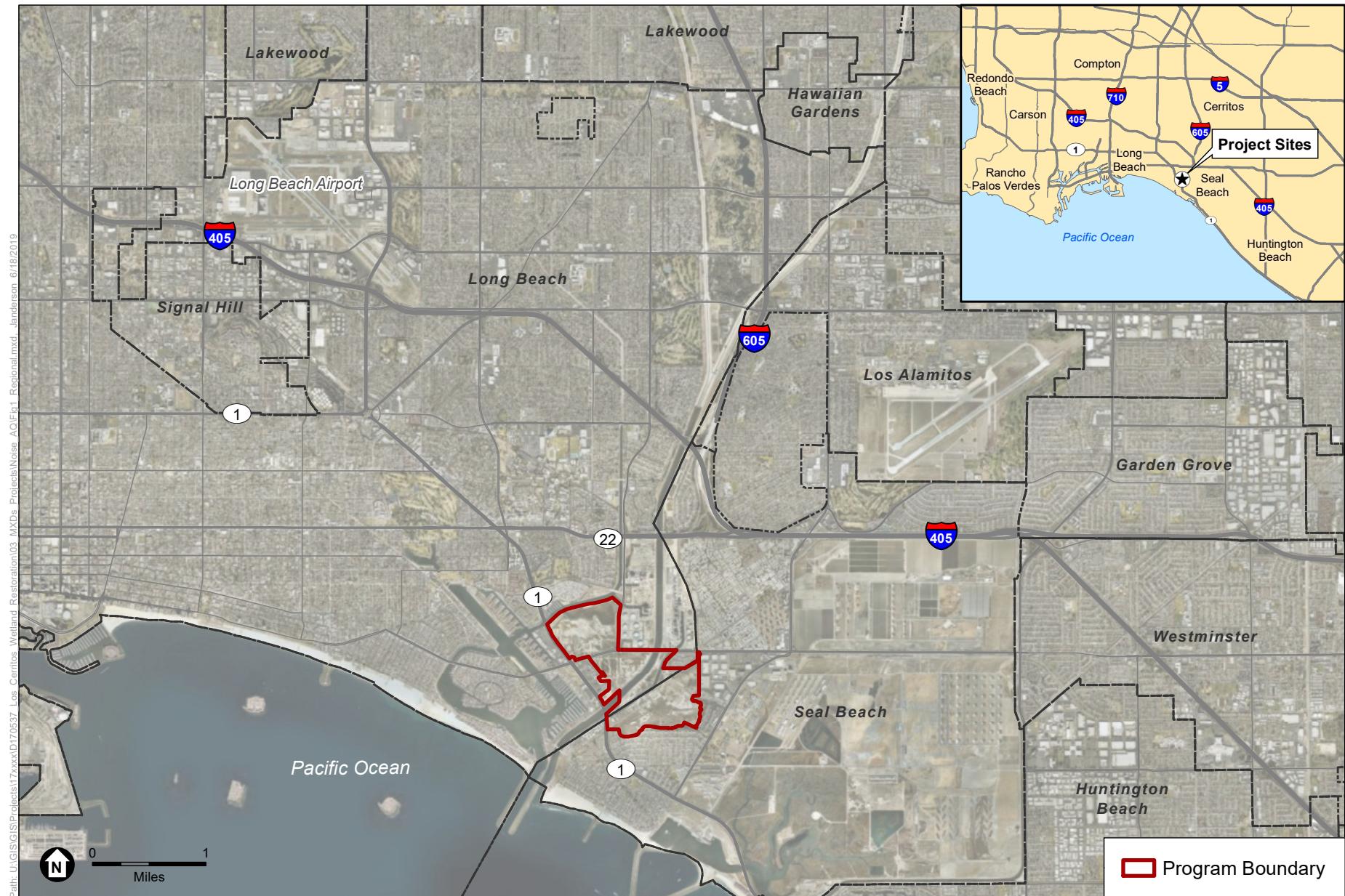
Greenhouse Gas Emissions Technical Report

1.0 Introduction

ESA has conducted a greenhouse gas (GHG) emissions assessment to evaluate the potential GHG impacts associated with construction activities, mobile sources, and other aspects of Los Cerritos Wetlands Restoration Program's (program) construction and operations that have the potential to generate GHG emissions. The objectives of this Greenhouse Gas Emissions Technical Report are to:

- Evaluate the construction and operational GHG emissions associated with program level restoration process and the potential for GHG impacts based on applicable standards and thresholds;
- Identify GHG benefits from improving habitat areas and restoring wetlands;
- Provide, if needed, GHG mitigation measures as required to meet applicable GHG standards and thresholds.

The program area is approximately 503 acres of land located in an urbanized and industrialized area in the North Seal Beach area and East Long Beach, straddling the border of Orange County and Los Angeles County in southern California (see **Figure 1, Program Area and Local Vicinity**). Regional access to the program area is provided by Interstate 405 (I-405) and Interstate 605 (I-605) as well as State Route 22 (SR-22), which terminates as 7th Street. Pacific Coast Highway (SR-1) traverses the western boundary of the program area. The program area is located on four individual areas (South, Isthmus, Central, and North), as described in Chapter 2, *Project Description*, of the Los Cerritos Wetlands Restoration Plan Program Environmental Impact Report (EIR). The proposed program would restore wetland, transition, and upland habitats throughout the program area. This would involve remediation of contaminated soil and groundwater, grading, revegetation, construction of new public access opportunities (including trails, visitor center, parking lot, and viewpoints), construction of flood management facilities (including earthen levees and berms, and/or walls), and modification of existing infrastructure and utilities.



SOURCE: ESRI

Los Cerritos Wetlands Restoration Plan

Figure 1
Program Area and Local Vicinity

2.0 Environmental Setting

Global Climate Change and Greenhouse Gases

Global climate change refers to changes in average climatic conditions on Earth as a whole, including changes in temperature, wind patterns, precipitation and storms. Historical records indicate that global climate changes have occurred in the past due to natural phenomena; however, current data increasingly indicate that the current global conditions differ from past climate changes in rate and magnitude. Global climate change attributable to anthropogenic (human) GHG emissions is currently one of the most important and widely debated scientific, economic and political issues in the United States and the world. The extent to which increased concentrations of GHGs have caused or will cause climate change and the appropriate actions to limit and/or respond to climate change are the subject of significant and rapidly evolving regulatory efforts at the federal and state levels of government.

GHGs are compounds in the Earth's atmosphere which play a critical role in determining temperature near the Earth's surface. More specifically, these gases allow high-frequency shortwave solar radiation to enter the Earth's atmosphere, but retain some of the low frequency infrared energy which is radiated back from the Earth towards space, resulting in a warming of the atmosphere. Not all GHGs possess the same ability to induce climate change; as a result, GHG contributions are commonly quantified in the units of equivalent mass of carbon dioxide (CO₂e). Mass emissions are calculated by converting pollutant specific emissions to CO₂e emissions by applying the proper global warming potential (GWP) value.¹ These GWP ratios are provided by the Intergovernmental Panel on Climate Change (IPCC) in its Fourth Assessment Report (AR4) (IPCC, 2017). By applying the GWP ratios, program-related CO₂e emissions can be tabulated in metric tons per year. Typically, the GWP ratio corresponding to the warming potential of CO₂ over a 100-year period is used as a baseline. The CO₂e values are calculated for construction years as well as existing and program build-out conditions in order to generate a net change in GHG emissions for construction and operation. Compounds that are regulated by the State of California as GHGs are discussed below.

- **Carbon Dioxide (CO₂):** CO₂ is the most abundant anthropogenic GHG in the atmosphere and is primarily generated from fossil fuel combustion from stationary and mobile sources. CO₂ is the reference gas (GWP of 1) for determining the GWPs of other GHGs.
- **Methane (CH₄):** CH₄ is emitted from biogenic sources (i.e., resulting from the activity of living organisms), incomplete combustion in forest fires, anaerobic decomposition of organic matter in landfills, manure management, and leaks in natural gas pipelines. The GWP of CH₄ is 21 in the IPCC SAR and 25 in the IPCC AR4.

¹ GWPs and associated CO₂e values were developed by the Intergovernmental Panel on Climate Change (IPCC), and published in its Second Assessment Report (SAR) in 1996. Historically, GHG emission inventories have been calculated using the GWPs from the IPCC's SAR. The IPCC updated the GWP values based on the latest science in its Fourth Assessment Report (AR4). The California Air Resources Board (CARB) reports GHG emission inventories for California using the GWP values from the IPCC AR4. Therefore, the analysis below reflected the GWP values from IPCC AR4. Although the IPCC has released AR5 with updated GWPs, CARB reports the statewide GHG inventory using the AR4 GWPs, which is consistent with international reporting standards.

- **Nitrous Oxide (N₂O):** N₂O produced by human-related sources including agricultural soil management, animal manure management, sewage treatment, mobile and stationary combustion of fossil fuel, adipic acid production, and nitric acid production. The GWP of N₂O is 310 in the IPCC SAR and 298 in the IPCC AR4.
- **Hydrofluorocarbons (HFCs):** HFCs are fluorinated compounds consisting of hydrogen, carbon, and fluorine. They are typically used as refrigerants in both stationary refrigeration and mobile air conditioning systems. The GWPs of HFCs range from 140 for HFC-152a to 11,700 for HFC-23 in the IPCC SAR and 124 for HFC-152a to 14,800 for HFC-23 in the IPCC AR4.
- **Perfluorocarbons (PFCs):** PFCs are fluorinated compounds consisting of carbon and fluorine. They are primarily created as a byproduct of aluminum production and semiconductor manufacturing. The GWPs of PFCs range from 6,500 to 9,200 in the IPCC SAR and 7,390 to 17,700 in the IPCC AR4.
- **Sulfur Hexafluoride (SF₆):** SF₆ is a fluorinated compound consisting of sulfur and fluoride. It is a colorless, odorless, nontoxic, nonflammable gas. It is most commonly used as an electrical insulator in high voltage equipment that transmits and distributes electricity. SF₆ has a GWP of 23,900 in the IPCC SAR and 22,800 in the IPCC AR4.

The scientific community's understanding of the fundamental processes responsible for global climate change has improved over the past decade, and its predictive capabilities are advancing. However, there remain significant scientific uncertainties in, for example, predictions of local effects of climate change, occurrence, frequency, and magnitude of extreme weather events, effects of aerosols, changes in clouds, shifts in the intensity and distribution of precipitation, and changes in oceanic circulation. Due to the complexity of the Earth's climate system and inability to accurately model it, the uncertainty surrounding climate change may never be completely eliminated. Nonetheless, the IPCC's Fifth Assessment Report, Summary for Policy Makers states that, "it is extremely likely that more than half of the observed increase in global average surface temperature from 1951 to 2010 was caused by the anthropogenic increase in greenhouse gas concentrations and other anthropogenic forcings together" (IPCC, 2014, p. 5). A report from the National Academy of Sciences concluded that 97 to 98 percent of the climate researchers most actively publishing in the field support the tenets of the IPCC in that climate change is very likely caused by human (i.e., anthropogenic) activity.

According to the California Air Resources Board (CARB), the potential impacts in California due to global climate change may include: loss in snow pack, sea level rise, more extreme heat days per year, more high ozone days, more large forest fires, more drought years, increased erosion of California's coastlines and sea water intrusion into the Sacramento and San Joaquin Deltas and associated levee systems, and increased pest infestation.

Adaptation

Adaptation refers to program's resiliency to potential climate change impacts. Global warming is already having a profound impact on water resources. Climate change already altered the weather patterns and water supply in California leading to increased water shortages (i.e., a dwindling snowpack, bigger flood flows, rising sea levels, longer and harsher droughts). Water supplies are also at risk from rising sea levels. Risks may include degradation of California's estuaries,

wetlands, and groundwater aquifers that would threaten the quality and reliability of the major California fresh water supply.

Climate change could potentially affect: the amount of snowfall, rainfall and snow pack, the intensity and frequency of storms, flood hydrographs (flash floods, rain or snow events, coincidental high tide and high runoff events), sea level rise and coastal flooding; coastal erosion; and the potential for salt water intrusion. Sea level rise can be a product of global warming through two main processes: expansion of seawater as the oceans warm, and melting of ice over land. A rise in sea levels could result in coastal flooding and erosion and could jeopardize California's water supply. Increased storm intensity and frequency could affect the ability of flood-control facilities, including levees, to handle storm events.

Adaptation includes the responses to the changing climate and policies to minimize the predicted impacts (e.g., building better coastal defenses to sea level rise). Adaptation strategies are not included in this report directly, but the project design did consider sea level rise. It should be noted that adaptation is not mitigation. Mitigation includes intervention or policies to reduce GHG emissions or to enhance the sinks of GHGs.

Greenhouse Gas Emission Inventories

Global

To put perspective on the emissions generated by a program and to better understand the sources of GHGs, it is important to look at global emission inventories. The Global Carbon Project has been tracking greenhouse gases and the global carbon cycle since its establishment in 2001. The Global Carbon Project estimate for CO₂ emissions for the world and for the top ten CO₂ producing countries is presented in **Table 1**.

TABLE 1
TOP TEN CO₂ PRODUCING NATIONS IN 2017
(MILLION METRIC TONS (MMT) CO₂)

| Country | Emissions | Percent of Global |
|----------------------------|---------------|-------------------|
| 1. China | 9,839 | 27% |
| 2. United States | 5,270 | 15% |
| 3. India | 2,467 | 7% |
| 4. Russian Federation | 1,693 | 5% |
| 5. Japan | 1,205 | 3% |
| 6. Germany | 799 | 2% |
| 7. Iran | 672 | 2% |
| 8. Saudi Arabia | 635 | 2% |
| 9. South Korea | 616 | 2% |
| 10. Canada | 573 | 2% |
| <i>Remaining Countries</i> | 12,384 | 34% |
| Total Global | 36,153 | 100% |

SOURCE: Global Carbon Atlas,
<http://www.globalcarbonatlas.org/en/CO2-emissions>, accessed April 2019.

Global CO₂ emissions totaled about 36,153 MMTCO₂ in 2017. China released more than a quarter of the global CO₂ emissions. The United States was second and has historical significance for releasing GHG emissions, but it has been slowly decreasing its annual emissions since its peak in 2007 (Global Carbon Atlas, 2019). The data in **Table 1** emphasize the major role that the United States and China play in climate change with the two countries accounting for 42% of the emissions. India has increased its emissions at an annual rate of 5 percent from 2004 to 2014 as the population grew and improved their living standards (Global Carbon Atlas, 2019).

State of California

CARB compiles GHG inventories for the State of California. Based on the 2017 GHG inventory data prepared by CARB in 2019, California emitted 429.1 million metric tons of CO₂e (MMTCO₂e) including emissions resulting from imported electrical power (CARB, 2019). Between 1990 and 2017, the population of California grew by approximately 9.7 million (from 29.8 to 39.5 million) (US Census Bureau, 2017. California Department of Finance, 2018). This represents an increase of approximately 33 percent from 1990 population levels. In addition, the California economy, measured as gross state product, grew from \$773 billion in 1990 to \$2.75 trillion in 2017 representing an increase of approximately three times the 1990 gross state product (California Department of Finance, 2019). Despite the population and economic growth, California's net GHG emissions were reduced to below 1990 levels in 2017 (California's 2016 GHG emissions were also below 1990 levels). According to CARB, the declining trend coupled with the state's GHG reduction programs (such as the Renewables Portfolio Standard, Low Carbon Fuel Standard, vehicle efficiency standards, and declining caps under the Cap and Trade Program) demonstrate that California has met the 2020 GHG reduction target codified in California Health and Safety Code (HSC), Division 25.5, also known as The Global Warming Solutions Act of 2006 (AB 32) (CARB, 2017). **Table 2, State of California Greenhouse Gas Emissions**, identifies and quantifies statewide anthropogenic GHG emissions and sinks (e.g., carbon sequestration due to forest growth) in 1990 and 2017. As shown in the table, the transportation sector is the largest contributor to statewide GHG emissions at approximately 40 percent in 2017.

TABLE 2
STATE OF CALIFORNIA GREENHOUSE GAS EMISSIONS

| Category | Total 1990 Emissions using IPCC SAR (MMTCO ₂ e) | Percent of Total 1990 Emissions | Total 2017 Emissions using IPCC AR4 (MMTCO ₂ e) | Percent of Total 2017 Emissions |
|--|--|---------------------------------|--|---------------------------------|
| Transportation | 150.7 | 35% | 169.9 | 40% |
| Electric Power | 110.6 | 26% | 62.4 | 15% |
| Commercial | 14.4 | 3% | 15.1 | 4% |
| Residential | 29.7 | 7% | 26.0 | 6% |
| Industrial | 103.0 | 24% | 89.4 | 21% |
| Recycling and Waste ^a | — | — | 8.9 | 2% |
| High GWP/Non-Specified ^b | 1.3 | <1% | 20.0 | 5% |
| Agriculture/Forestry | 23.6 | 6% | 32.4 | 8% |
| Forestry Sinks | -6.7 | | -- ^c | -- |
| Net Total (IPCC SAR) | 426.6 | 100% | -- | -- |
| Net Total (IPCC AR4) ^d | 431 | 100% | 429.1 | 100% |

^a Included in other categories for the 1990 emissions inventory.

^b High GWP gases are not specifically called out in the 1990 emissions inventory.

^c Revised methodology under development (not reported for 2017).

^d CARB revised the State's 1990 level GHG emissions using GWPs from the IPCC AR4.

SOURCES: CARB, 2019.

These categories are broadly defined as (CARB, 2018):

- **Transportation** includes the combustion of fuels sold in-state that are used by on-road and off-road vehicles, aviation, rail, and water-borne vehicles, as well as a few other smaller sources.
- **Industrial** GHG emissions are produced from many industrial activities. Major contributors include oil and natural gas extraction, refineries, cement manufacturing, chemical manufacturing, and a portion of cogeneration emissions attributed to thermal energy output.
- **Electric generation** includes both emissions from in-state power generation (including the portion of cogeneration emissions attributed to electricity generation) and emissions from imported electricity
- **Agriculture** includes enteric fermentation and manure management from livestock, crop production (fertilizer use, soil preparation and disturbance, and crop residue burning), and fuel combustion associated with agricultural activities (water pumping, cooling or heating buildings, and processing commodities).
- **Commercial and residential** uses generate GHG emissions primarily from the combustion of natural gas and other fuels for space and water heating, cooking, or steam generation.
- **Recycling and waste** includes primarily landfills and a small fraction from compost production facilities.
- **High (GWP)** emissions consist of releases of ozone depleting substance substitutes and electricity losses from the transmission and distribution system.

3.0 Regulatory Framework

Federal

Voluntary Programs

The United States Environmental Protection Agency (USEPA) is responsible for implementing federal policy to address GHGs. The federal government administers a wide array of public-private partnerships to reduce the GHG intensity generated in the United States. These programs focus on energy efficiency, renewable energy, methane and other non-CO₂ gases, agricultural practices, and implementation of technologies to achieve GHG reductions. The USEPA implements numerous voluntary programs that contribute to the reduction of GHG emissions. These programs (e.g., the ENERGY STAR labeling system for energy-efficient products) play a significant role in encouraging voluntary reductions from large corporations, consumers, industrial and commercial buildings, and many major industrial sectors.

Light Duty Vehicle GHG and Fuel Efficiency Standards

In August 2012, the USEPA and USDOT adopted standards for model year 2017 through 2025 for passenger cars and light-duty trucks. By 2020, vehicles are required to achieve a combined standard of 41.7 mpg and 213 grams of CO₂ per mile. By 2025, vehicles are required to achieve 54.5 mpg (if GHG reductions are achieved exclusively through fuel economy improvements) and 163 grams of CO₂ per mile. According to the USEPA, a model year 2025 vehicle would emit one-half of the GHG emissions from a model year 2010 vehicle (USEPA, 2012). In 2017, the USEPA recommended no change to the GHG standards for light-duty vehicles for model years 2022-2025. In August 2018, the USEPA and NHTSA proposed the Safer Affordable Fuel-Efficient Vehicles Rule that would, if adopted, maintain the CAFE and CO₂ standards applicable in model year 2020 for model years 2021 through 2026. The estimated CAFE and CO₂ standards for model year 2020 are 43.7 mpg and 204 grams of CO₂ per mile for passenger cars and 31.3 mpg and 284 grams of CO₂ per mile for light trucks, projecting an overall industry average of 37 mpg, as compared to 46.7 mpg under the standards issued in 2012. The proposal, if adopted, would also exclude CO₂-equivalent emission improvements associated with air conditioning refrigerants and leakage (and, optionally, offsets for nitrous oxide and methane emissions) after model year 2020 (NHTSA and USEPA, 2018).

Medium and Heavy-Duty GHG Standards

GHG emissions and fuel efficiency standards for medium- and heavy-duty trucks have been jointly developed by the USEPA and the National Highway Traffic Safety Administration (NHTSA). For vocational vehicles, which consist of a variety of work vehicles including dump trucks, the Phase 1 Heavy-Duty Vehicle Greenhouse Gas Regulation started with model year 2014 and the standard requires up to a 10 percent reduction in CO₂ emissions by model year 2017 over the 2010 baseline. The Phase 2 standards start in model year 2021 and require the phase-in of a 12 to 24 percent reduction in CO₂ emission reduction from vocational vehicles by model year 2027 over the 2017 baseline.

Energy Independence and Security Act.

The Energy Independence and Security Act of 2007 (EISA) facilitates the reduction of national GHG emissions by requiring the following:

- Increasing the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard (RFS) that requires fuel producers to use at least 36 billion gallons of biofuel in 2022;
- Prescribing or revising standards affecting regional efficiency for heating and cooling products, procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances;
- Requiring approximately 25 percent greater efficiency for light bulbs by phasing out incandescent light bulbs between 2012 and 2014; requiring approximately 200 percent greater efficiency for light bulbs, or similar energy savings, by 2020; and
- While superseded by the USEPA and NHTSA actions described above, (i) establishing miles per gallon targets for cars and light trucks and (ii) directing the NHTSA to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for trucks.

Additional provisions of EISA address energy savings in government and public institutions, promote research for alternative energy, additional research in carbon capture, international energy programs, and the creation of green jobs.³

State

Executive Order S-3-05, Executive Order B-30-15, and Executive Order B-55-18

In June, 2005, through Executive Order S-3-05, the following GHG emission reduction targets were established:

- By 2010, California shall reduce GHG emissions to 2000 levels;
- By 2020, California shall reduce GHG emissions to 1990 levels; and
- By 2050, California shall reduce GHG emissions to 80 percent below 1990 levels.

In April, 2015, Governor Brown issued Executive Order B-30-15 that:

- Established a new interim Statewide reduction target to reduce GHG emissions to 40 percent below 1990 levels by 2030.
- Ordered all state agencies with jurisdiction over sources of GHG emissions to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 reduction targets.
- Directed CARB to update the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons of carbon dioxide equivalent.

³ A green job, as defined by the United States Department of Labor, is a job in business that produces goods or provides services that benefit the environment or conserve natural resources.

In September 2018, Governor Brown issued Executive Order B-55-18, which establishes a statewide goal of achieving carbon neutrality as soon as possible and no later than 2045.

California Global Warming Solutions Act of 2006 (Health and Safety Code § 38500 et seq.)

In September 2006, Governor Arnold Schwarzenegger signed Assembly Bill (AB) 32, the California Global Warming Solutions Act of 2006. In general, CARB is required to adopt rules and regulations directing state actions that would achieve GHG emissions reductions equivalent to 1990 statewide levels by 2020.

AB 32 takes into account the relative contribution of each source or source category to protect adverse impacts on small businesses and others by requiring CARB to recommend a *de minimis* (minimal importance) threshold of GHG emissions below which emissions reduction requirements would not apply. AB 32 also allows the Governor to adjust the deadlines mentioned above for individual regulations or the entire state to the earliest feasible date in the event of extraordinary circumstances, catastrophic events, or threat of significant economic harm.

In 2016, the California State Legislature adopted Senate Bill (SB) 32 and its companion bill AB 197, and both were signed by Governor Brown. SB 32 and AB 197 amend HSC Division 25.5, establish a new climate pollution reduction target of 40 percent below 1990 levels by 2030 and include provisions to ensure that the benefits of state climate policies reach into disadvantaged communities.

The Climate Change Scoping Plan was first approved by CARB in 2008. The First Update to the Climate Change Scoping Plan was approved by the Board on May 22, 2014. CARB published the latest 2017 Climate Change Scoping Plan to reflect the 2030 target established in Executive Order B-30-15.

CARB Mandatory Reporting Regulations

Under AB 32, CARB propounded regulations to govern mandatory greenhouse gas emissions reporting for certain sectors of the economy, most dealing with approximately 94 percent of the industrial and commercial stationary sources of emissions. Regulated entities include electricity generating facilities, electricity retail providers, oil refineries, hydrogen plants, cement plants, cogeneration facilities, and industrial sources that emit over 25,000 metric tons of CO₂ from stationary source combustion.

Assembly Bill 1493 (2002) (Health and Safety Code § 43018.5)

AB 1493 required CARB to develop and adopt the nation's first GHG emission standards for automobiles. Not only have litigants challenged their legality in federal court, but also USEPA initially denied California's request for a Clean Air Act waiver to implement its regulations in 2008, but a June 2009 decision overturned the denial. AB 1493 reduces GHG emissions in new passenger vehicles from model year 2012 through 2016 (Phase I) and model years 2017–2025 (Phase II). AB 1493 also reduces gasoline consumption to a rate of 31 percent of 1990 gasoline consumption (and associated GHG emissions) by 2020.

Executive Order S-01-07

Executive Order S-01-07 was enacted on January 18, 2007. The order mandates the following: (1) that a Statewide goal be established to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020; and (2) that a Low Carbon Fuel Standard (LCFS) for transportation fuels be established in California. In the proposed 2017 Climate Change Scoping Plan Update, CARB's preferred recommendation includes increasing the stringency of the LCFS by reducing the carbon intensity of transportation fuels by 18 percent by 2030, up from the current target of 10 percent by 2020. In April 2017, the LCFS was brought before the Court of Appeal challenging the analysis of potential nitrogen dioxide impacts from biodiesel fuels. The Court directed CARB to conduct an analysis of nitrogen dioxide impacts from biodiesel fuels and froze the carbon intensity targets for diesel and biodiesel fuel provisions at 2017 levels until CARB has completed this analysis. On March 6, 2018 CARB issued its *Draft Supplemental Disclosure Discussion of Oxides of Nitrogen Potentially Caused by the Low Carbon Fuel Standard Regulation*. CARB posted modifications to the amendments on August 13, 2018. Final approval of regulatory changes from CARB's analysis of nitrogen dioxide impacts from biodiesel fuels was made on January 4, 2019.

Senate Bill 375

In September 2008, SB 375 was signed by Governor Schwarzenegger. SB 375 is a comprehensive global warming bill that helps to achieve the goals of AB32. Under SB 375, CARB is required, in consultation with the State's Metropolitan Planning Organizations, to set regional GHG reduction targets for the passenger vehicle and light-duty truck sector for 2020 and 2035. In February 2011, CARB adopted the final GHG emissions reduction targets for the State's Metropolitan Planning Organizations, including the Southern California Association of Governments (SCAG), which is the Metropolitan Planning Organization for the region including both Los Angeles County and Orange County; CARB updated these targets in 2018 (CARB, 2018). Of note, the reduction targets explicitly exclude emission reductions expected from the AB 1493 and the low carbon fuel standard regulations. SB 375 requires MPOs, such as SCAG, to incorporate a "sustainable communities strategy" (SCS) in their regional transportation plans (RTPs) that will achieve GHG emission reduction targets set by CARB. Certain transportation planning and programming activities would then need to be consistent with the RTP/SCS; however, SB 375 expressly provides that the SCS does not regulate the use of land, and further provides that local land use plans and policies (e.g., general plan) are not required to be consistent with either the RTP or SCS.

Title 24, Part 6, California Code of Regulations

The California Energy Commission first adopted the Energy Efficiency Standards for Residential and Nonresidential Buildings (California Code of Regulations, Title 24, Part 6) in 1978 in response to a legislative mandate to reduce energy consumption in the state. Although not originally intended to reduce GHG emissions, increased energy efficiency, and reduced consumption of electricity, natural gas, and other fuels would result in fewer GHG emissions from residential and nonresidential buildings subject to the standard. The standards are updated periodically to allow for the consideration and inclusion of new energy efficiency technologies and methods.

Title 24, Part 11, California Code of Regulations

Part 11 of the Title 24 Building Energy Efficiency Standards is referred to as the California Green Building Standards (CALGreen) Code. The purpose of the CALGreen Code is to “improve public health, safety and general welfare by enhancing the design and construction of buildings through the use of building concepts having a positive environmental impact and encouraging sustainable construction practices in the following categories: (1) Planning and design; (2) Energy efficiency; (3) Water efficiency and conservation; (4) Material conservation and resource efficiency; and (5) Environmental air quality” (California Building Standards Commission, 2010). The CALGreen Code was updated in 2016 to include new mandatory measures for residential and nonresidential uses including energy efficiency, water conservation, material conservation, planning and design, and overall environmental quality. These new measures took effect on January 1, 2017. The CALGreen code was most recently updated in 2019, with new measures taking effect on January 1, 2020.

Senate Bill 1368

SB 1368 required the California Public Utilities Commission (“PUC”) to establish a “GHG emission performance standard” by February 1, 2007, for all electricity providers under its jurisdiction, including the state’s three largest privately owned utilities. These utilities provide approximately 30 percent of the state’s electric power. After the PUC acted, the California Energy Commission (CEC) adopted a performance standard “consistent with” the PUC performance standard and applied it to local publicly-owned utilities on May 23, 2007 (over one month ahead of its June 30, 2007 deadline). Cal. Pub. Res. Code § 8341(e)(1). However, the California Office of Administrative Law (“OAL”) found four alleged flaws in the CEC’s rulemaking. The CEC overcame these alleged flaws and adopted reformulating regulations in August 2007.

Renewables Portfolio Standard

SB 1078 (Chapter 516, Statutes of 2002) requires retail sellers of electricity, including investor-owned utilities and community choice aggregators, to provide at least 20 percent of their supply from renewable sources by 2017. SB 107 (Chapter 464, Statutes of 2006) changed the target date to 2010. In November 2008, Executive Order S-14-08 was signed, which expands the State's Renewables Portfolio Standard (RPS) to 33 percent renewable power by 2020. Pursuant to Executive Order S-21-09, CARB was also preparing regulations to supplement the RPS with a Renewable Energy Standard that would result in a total renewable energy requirement for utilities of 33 percent by 2020. On April 12, 2011, SB X1-2 was signed to increase California’s RPS to 33 percent by 2020. SB 350 (Chapter 547, Statutes of 2015) further increased the RPS to 50 percent by 2030. The legislation also included interim targets of 40 percent by 2024 and 45 percent by 2027. SB 350 was signed into law on October 7, 2015.

On September 10, 2018, Governor Jerry Brown signed SB 100, which further increased California’s Renewables Portfolio Standard and requires retail sellers and local publicly owned electric utilities to procure eligible renewable electricity for 44 percent of retail sales by December 31, 2024, 52 percent by December 31, 2027, and 60 percent by December 31, 2030,

and that CARB should plan for 100 percent eligible renewable energy resources and zero-carbon resources by December 31, 2045.

California Air Resource Board Cap-and-Trade Regulation

The California Air Resource Board has implemented a cap-and-trade type program, pursuant to the AB-32 directed Scoping Plan, applicable to specific industries that emit more than 25,000 MTCO₂e. The AB 32 Scoping Plan identifies a Cap-and-Trade program as one of the strategies California will employ to reduce the greenhouse gas (GHG) emissions that cause climate change. Under Cap-and-Trade, an overall limit on GHG emissions from capped sectors will be established by the Cap-and-Trade program and facilities subject to the cap will be able to trade permits (allowances) to emit GHGs. The program started on January 1, 2012, with an enforceable compliance obligation beginning with the 2013 GHG emissions for GHG emissions from stationary sources. The petroleum and natural gas systems sector is covered starting in 2013 for stationary and related combustion, process vents and flare emissions if the total emissions from these sources exceed 25,000 MTCO₂e per year. Suppliers of natural gas and transportation fuels are covered beginning in 2015 for combustion emissions from the total volume of natural gas delivered to non-covered entity or for transportation fuels.

Cap-and-Trade is designed to reduce the emissions from a substantial percentage of GHG sources (about 80% of GHG emissions will come under the program) within California through a market trading system. The system would reduce GHG emissions by reducing the available GHG “allowances” over time up until the year 2020. The program beyond the year 2020 has not been designed yet, but the program is intended to extend beyond that timeframe through 2030. Facilities are required to obtain an “allowance”, either through purchasing on auction or through freely allocated “industry assistance” allowances from CARB, for each MTCO₂e of GHG they emit. CARB issues the “industry assistance” allocations for free for a number of industries. These are based, in part, on a pre-defined “benchmark” of GHG emissions per unit of production.

For the oil recovery production sector, allowances are provided as a function of the amount of crude oil produced, thereby establishing, in effect, a level of efficiency in regards to GHG emissions for that sector. Other sectors are also allocated allowances based on their own respective activities. If an operation within the sector operates less efficiently than the specified “benchmark”, thereby receiving an insufficient number of “free” allowances to cover their emissions, they would be required to implement efficiency improvements or purchase additional allowances from the CARB auction. Some availability of “offsets” is also included in the program which can be obtained from specific, allowable offset programs, such as GHG reduction projects related to forestry, livestock and ozone depleting chemicals. Offsets outside of these three options are not allowed at this time. The first group of sectors began trading in allowances in 2012. That group includes the oil and gas sector as well as most stationary sources. Compliance obligation began for distributors of transportation fuels, natural gas and other fuels in 2015. Under Cap-and-Trade program, an overall limit is established for GHG emissions from capped sectors (e.g., electricity generation) and declines over time, and facilities subject to the cap can trade permits to emit GHGs. The Statewide cap for GHG emissions from the capped sectors commenced in 2013 and declines over time, achieving GHG emission reductions

throughout the Program's duration and on July 17, 2017 the California legislature passed Assembly Bill 398, extending the Cap-and-Trade program through 2030.

2017 Climate Change Scoping Plan Update

CARB adopted the 2017 Climate Change Scoping Plan at a public meeting held in December 2017 (CARB, 2017b). The 2017 Scoping Plan outlines the strategies the State will implement to achieve the 2030 GHG reduction target of 40 percent below 1990 levels by 2030 established by SB 32. The 2017 Scoping Plan is also intended to "substantially advance" toward the EO S-3-05 2050 climate goal to reduce GHG emissions by 80 percent below 1990 levels by 2050.

The 2017 Scoping Plan builds on the Cap-and-Trade Regulation, the Low Carbon Fuel Standard (LCFS), improved vehicle, truck and freight movement emissions standards, increasing renewable energy, and strategies to reduce methane emissions from agricultural and other wastes by using it to meet our energy needs. The 2017 Scoping Plan also comprehensively addresses GHG emissions from natural and working lands of California, including the agriculture and forestry sectors. The 2017 Scoping Plan considered a number of different alternatives to achieve the 2030 GHG reduction goal. The "Scoping Plan Scenario" was ultimately adopted and relies on the continuation of ongoing and statutorily required programs and continuation of the Cap-and-Trade Program. The Scoping Plan Scenario was modified from the January 2017 Proposed Scoping Plan to reflect AB 398, including removal of the 20 percent GHG reduction measure for refineries (CARB, 2017b).

CARB states that the Scoping Plan Scenario "is the best choice to achieve the State's climate and clean air goals" (CARB, 2017b). Under the Scoping Plan Scenario, the majority of the reductions would result from continuation of the Cap-and-Trade regulation. Additional reductions are achieved from electricity sector standards (i.e., utility providers to supply 50 percent renewable electricity by 2030), doubling the energy efficiency savings at end uses, additional reductions from the LCFS, implementing the short-lived climate pollutant strategy (e.g., hydrofluorocarbons), and implementing the mobile source strategy and sustainable freight action plan.

Regional

The program area is located in the South Coast Air Basin (Air Basin), which consists of Orange County, Los Angeles County (excluding the Antelope Valley portion), and the western, non-desert portions of San Bernardino and Riverside Counties, in addition to the San Gorgonio Pass area in Riverside County. The South Coast Air Quality Management District (SCAQMD) is responsible for air quality planning in the Air Basin and developing rules and regulations to bring the area into attainment of the ambient air quality standards. This is accomplished through air quality monitoring, evaluation, education, implementation of control measures to reduce emissions from stationary sources, permitting and inspection of pollution sources, enforcement of air quality regulations, and by supporting and implementing measures to reduce emissions from motor vehicles.

In 2008, SCAQMD released draft guidance regarding interim CEQA GHG significance thresholds (CARB, 2008). On December 5, 2008, the SCAQMD Governing Board adopted the staff proposal for an interim GHG significance threshold for stationary source/industrial projects where the SCAQMD is Lead Agency. A GHG Significance Threshold Working Group was formed to further evaluate potential GHG significance thresholds (SCAQMD, 2008). The aforementioned Working Group has been inactive since 2011 and the SCAQMD has not formally adopted any GHG significance threshold.

Local

City of Long Beach

The City of Long Beach adopted an “Air Quality Element,” (adopted December 3, 1996). The Element does not contain specific control strategies for greenhouse gases except a policy to support reduced energy consumption through conservation improvements that would reduce greenhouse gas emissions (Policy 7.1.7).

The City is in the process of developing a Climate Action and Adaptation Plan (CAAP). The City released a working draft of the CAAP on May 31, 2019. The CAAP will be incorporated into the City of Long Beach General Plan as a mitigation measure to the Land Use Element. The CAAP goals include:

- Distinguish Long Beach as a leader in climate mitigation and adaptation planning
- Be inclusive of the entire community while prioritizing vulnerable and disproportionately impacted populations
- Create a healthier community by addressing climate change
- Consider social, environmental, and economic co-benefits holistically
- Empower young people to be leaders in creating a most sustainable community
- Invoke personal sense of responsibility among residents and businesses
- Be an actionable plan (right balance of innovation and practicality)

It is anticipated that the CAAP will be adopted by City Council by the Fall of 2019 (<http://www.longbeach.gov/lbds/planning/caap/>).

City of Seal Beach

The City of Seal Beach General Plan, adopted in December 2003, does not contain a stand-alone air quality element or a Climate Action Plan.

4.0 Significance Thresholds and Methodology

Significance Thresholds

For the purposes of this PEIR and consistency with Appendix G of the CEQA Guidelines, the program would have a significant impact on GHG emissions if it would:

- a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment
- b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases

The State *CEQA Guidelines* Section 15064.4 was recently amended to assist lead agencies in determining the significance of the impacts of GHG emissions. Section 15064.4 gives lead agencies the discretion to determine whether to assess those emissions quantitatively and/or qualitatively. This section recommends certain factors that should be used in the determination of significance (i.e., extent to which the program may increase or reduce GHG emissions compared to the existing environment; whether the program exceeds an applicable significance threshold; and extent to which the program complies with regulations or requirements adopted to implement a statewide, regional, or local plan for reduction or mitigation of GHGs). The amendments do not establish a threshold of significance; rather, lead agencies are granted discretion to establish significance thresholds for their respective jurisdictions, including looking to thresholds developed by other public agencies, or suggested by other experts, such as CAPCOA, so long as any threshold chosen is supported by substantial evidence (see Guidelines Section 15064.7(c)).

The California Natural Resources Agency has also clarified that the CEQA Guidelines amendments focus on the effects of GHG emissions as cumulative impacts, and that they should be analyzed in the context of CEQA's requirements for cumulative impact analysis (see Section 15064(h)(3)) (CNRA, 2009).

Per State *CEQA Guidelines* Section 15064.4(b), “in determining the significance of a project's greenhouse gas emissions, the lead agency should focus its analysis on the reasonably foreseeable incremental contribution of the project's emissions to the effects of climate change. A project's incremental contribution may be cumulatively considerable even if it appears relatively small compared to statewide, national or global emissions” Significance of impacts shall consider the project's impact as compared to the existing environmental setting, whether the project exceeds a threshold of significance, and compliance with relevant GHG-related plans.⁴ Per State *CEQA Guidelines* Section 15064.4(b)(3), “the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions (see, e.g., section 15183.5(b)). Such requirements must be adopted by the relevant public agency through a public review process and must reduce or mitigate the project's incremental contribution of greenhouse gas emissions.”

On December 5, 2008, the SCAQMD adopted an interim GHG significance threshold for projects where the SCAQMD is lead agency. The threshold utilizes a tiered approach, with a screening

⁴ California Code of Regulations (CCR), Title 14, Section 15064.4(b).

significance threshold of 10,000 MTCO₂e per year for industrial projects. Tier 1 consists of evaluating whether or not the project qualifies for any applicable exemption under CEQA. Tier 2 consists of determining whether or not the project is consistent with a GHG reduction plan. If the proposed project is consistent with the qualifying local GHG reduction plan, it is not significant for GHG emissions. If the project is not consistent with a local GHG reduction plan, there is no approved plan, or the GHG reduction plan does not consist of all the required components, then the project would move to Tier 3. Tier 3 establishes a screening significance threshold level that is intended to have a 90 percent emission capture rate approach. If the project exceeds the GHG screening significance threshold level and GHG emissions cannot be mitigated to less than the screening level, the project would move to Tier 4. Tier 4 is a decision tree approach to achieve compliance, but is not recommended for approval by SCAQMD. Tier 5 requires the project proponent to implement offsite mitigation to reduce GHG emission impacts to below the proposed screening level. For this program, the most appropriate threshold to use is the 10,000 MTCO₂e per year because it is a program level evaluation of a wetlands restoration program with eventual removal of oil fields and oil operation infrastructure. The SCAQMD's working group is currently inactive and has not set a date for finalizing these recommendations.

Methodology

Existing Emissions

For the purposes of this program-level analysis, it is conservatively assumed that the program activities would result in all net new emissions. Most of the program area is either vacant or an active oil field. Existing emissions from oil fields within the boundaries of the Los Cerritos Wetlands Oil Consolidation and Restoration Project, located in the northern portion of the program area, have already been addressed in a previously certified EIR. As the program activities would restore habitats and eventually decommission and remove existing oil operations, the net change for emissions in the long term could be negative. However, this cannot be accurately quantified at this program-level since the timing and commitments to cease oil operations in the future is unknown. As a conservative approach, no existing emissions were subtracted from estimated program emissions before comparison to emission thresholds.

Construction

GHG emissions have been quantified using the California Emissions Estimator Model (CalEEMod) version 2016.3.2 software, an emissions inventory software, which is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professions to quantify potential criteria pollutant and GHG emissions from a variety of land use projects. CalEEMod was developed in collaboration with the air districts of California. Regional data (e.g., emission factors, trip lengths, meteorology, source inventory, etc.) have been provided by the various California air districts to account for local requirements and conditions. The model is considered to be an accurate and comprehensive tool for quantifying GHG emissions from land use projects throughout California and is recommended by the SCAQMD.

The input values used in this analysis were adjusted to account for the nature of wetlands restoration activities and referenced the equipment and assumptions used for the Los Cerritos Wetlands Oil Consolidation and Restoration Project for consistency (Table 3). Specialized construction equipment was added as appropriate according to the activities listed in Chapter 2, *Project Description*, of the Los Cerritos Wetlands Restoration Plan PEIR.

TABLE 3
OFF-ROAD EQUIPMENT LIST

| Construction Subphase | Equipment | Number | Hours/ Day |
|---------------------------------|--|---------------|-----------------------|
| Demolition and Site Preparation | Concrete saws | 1 | 8 |
| Demolition and Site Preparation | Excavators | 3 | 8 |
| Demolition and Site Preparation | Rubber Tired Dozers | 2 | 8 |
| Demolition and Site Preparation | Tractors/Loaders/Backhoes (Low ground pressure equipment)* | 2 | 8 |
| Grading/Excavation | Excavators | 2 | 8 |
| Grading/Excavation | Graders | 1 | 8 |
| Grading/Excavation | Rubber Tired Dozers | 1 | 8 |
| Grading/Excavation | Scrapers | 2 | 8 |
| Grading/Excavation | Tractors/Loaders/Backhoes | 2 | 8 |
| Grading/Excavation | Other Construction Equipment (Hydraulic Dredge)* | 2 | 8 |
| Grading/Excavation | Cranes (Clamshell and dragline crane)* | 1 | 7 |
| Drainage/Utilities/Subgrade | Excavators (Amphibious excavator)* | 2 | 8 |
| Drainage/Utilities/Subgrade | Trenchers (rotary ditcher)* | 2 | 2 |
| Drainage/Utilities/Subgrade | Pumps | 2 | 8 |
| Drainage/Utilities/Subgrade | Bore/drill rig | 1 | 6 |
| Building Construction | Cranes | 1 | 7 |
| Building Construction | Forklifts | 3 | 8 |
| Building Construction | Generator Sets | 1 | 8 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7 |
| Building Construction | Welders | 1 | 8 |
| Paving | Pavers | 2 | 8 |
| Paving | Paving Equipment | 2 | 8 |
| Paving | Rollers | 2 | 8 |
| Architectural Coating | Air Compressors | 1 | 6 |

*Note: Surrogates were used in place of special equipment for CalEEMod.

For on-road vehicle emissions, CalEEMod uses the emission factors and fleet mix based on the CARB on-road vehicle emissions model (EMFAC), which is incorporated into CalEEMod. On-road vehicle emission factors from the USEPA-approved EMFAC2017 model were used for the analysis. Subphases of construction would include demolition and site preparation, grading/excavation for levees, drainage/utilities/subgrade, building construction for the visitor centers, paving for access roads and parking, and architectural coating for the visitor centers and traffic markings. The demolition and site preparation includes removal of pipelines, tanks, and other oil infrastructure. Waste is assumed to be hauled to the Montebello landfill located approximately 23 miles away. The main wetland restoration activities are covered in the grading/excavation subphase, which includes construction, modifying, and removing berms as well as establishing tidal channels. It is assumed that a tugboat would be used to pull the barges for soil transport and that there would be two crew/survey boats at most on any given day.

Tugboat emissions were calculated using emission factors from USEPA marine engine rules for Tier 2 engines. Emission factors were multiplied by the number of vessels and estimated hours of operation per day for usage and travel to and from the program area. Calculations are included in Appendix A. These off-shore emissions were added to the on-shore emissions for the grading/excavation subphase. For building construction and paving, for the purposes of this program-level air quality analysis, it is estimated that approximately 2,000 SF of visitor center space and 50 parking spaces would be required to serve the program area. Emissions from these activities are estimated by construction subphase.

Construction is phased by location (South, Isthmus, Central, and North Areas) and by time (Near-Term, Mid-Term, and Long-Term). In order to calculate a conservative emissions estimate and because the sequence of restoration is uncertain, a worst-case year in the Near-Term (2020) was formulated. Emission factors decline in later years because of the requirement and development of cleaner and more efficient equipment. Potential near-term activities include soil remediation, grading, berms/flood walls, visitor center construction, habitat restoration, removal of invasive species, and construction of trails. Potential mid-term activities include decommissioning the Haynes Cooling Channel, excavating a new channel, enhancing the habitat at the Los Alamitos Retarding Basin, grading, removing invasive species and planting native vegetation. Potential long term activities include grading, construction and deconstruction of levees, channel excavation, soil remediation, construction of public access points, trails, and viewpoints, and access road and culvert removal. Maximum daily GHG emissions were calculated by subphase using CalEEMod and then multiplied by a conservatively estimated maximum total number of days for that construction subphase to obtain an estimated total construction GHG emissions for the entire program restoration activities (**Table 4**).

TABLE 4
ANTICIPATED MAXIMUM CONSTRUCTION SCHEDULE

| Construction Subphase | Maximum Number of Days/Year | Maximum Years |
|---------------------------------|-----------------------------|---------------|
| Demolition and Site Preparation | 130 | 12 |
| Grading/Excavation | 260 | 22 |
| Drainage/Utilities/Subgrade | 130 | 12 |
| Building Construction | 130 | 2 |
| Paving | 40 | 2 |
| Architectural Coating | 20 | 2 |

Per SCAQMD methodology, the total construction emissions were amortized over a 30-year period and added to annual operational GHG emissions. Modeling input and output files are provided in Appendix A of this Technical Report.

Operation

Similar to construction, GHG emissions have been quantified using CalEEMod version 2016.3.2. CalEEMod was used to forecast the annual emissions from mobile sources that would occur during long-term program operations. The operational year was set to 2021 for a conservative emissions estimate. This consists mostly of truck trips for maintenance of the trails and wetlands and emissions from passenger vehicles from visitors. The analysis relied on the Institute of Transportation Engineers (ITE) Manual, 10th Edition “Public Park” category trip rates (i.e., denoted in the ITE Manual as “Land Use [LU] 411”).

Area source emissions are based on natural gas (building heating and water heaters), landscaping equipment, and consumer product usage (including paints) rates provided in CalEEMod for the visitor center building. Most of the emissions would be associated with passenger cars traveling to and from the visitor center. Painting and re-painting of this facility will contribute to emissions. Additional emissions will come from maintenance of the wetlands and trails.

Operational GHG impacts are presented as net new emissions and added to amortized construction emissions. Modeling input and output files are provided in Appendix A of this Technical Report.

The proposed program’s GHG emissions are also evaluated by assessing consistency with applicable GHG reduction strategies. As discussed previously, the GHG regulations have been adopted primarily at the federal and state levels to reduce emissions of GHGs from program sources, such as trucks and energy, under the Clean Air Act and the State’s GHG regulatory framework under HSC Division 25.5 (AB 32). In addition, the SCAG 2016 RTP/SCS outlines goals for improving air quality and encouraging active transportation to reduce per capita vehicle miles traveled and associated transportation GHG emissions. Impacts are evaluated based on consistency with these applicable GHG regulations and plans.

5.0 Program Impacts and Mitigation Measures

Impact GHG-1: The program would result in a significant impact if the program would generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.

Construction

Construction of the program would generate GHG emissions from multiple sources (**Table 5**). GHG emissions would be generated from tailpipe emissions of heavy duty construction equipment and mobile trips for maintenance. The program would require special equipment such as low ground pressure equipment, mats, long reach excavators, clamshell and dragline crane, amphibious excavator, rotary ditcher, floating equipment, and a hydraulic dredge. Complete equipment lists are shown in **Table 3**.

TABLE 5
PROGRAM CONSTRUCTION GHG EMISSIONS

| Construction Subphase | Total Program MTCO ₂ e |
|--|-----------------------------------|
| Demolition/Site Preparation | 3,426 |
| Grading/Excavation | 22,191 |
| Drainage/Utilities/Subgrade | 2,682 |
| Building Construction | 379 |
| Paving | 86 |
| Architectural Coating | 6 |
| <i>Total</i> | <i>28,772</i> |
| Amortized over 30 years (MTCO ₂ e/year) | 959 |

SOURCE: Appendix A, ESA, 2019.

Operation

Operational emissions would be generated at the visitor center by electric consumption for lighting and natural gas consumption for space heating. In addition, there would be emissions from motor vehicles traveling to and from the visitor center and other trailheads. A minimal amount of emissions is anticipated for periodic maintenance activities. It is anticipated that no water would be pumped into the wetland so the only water use would be to serve the visitor center. Annual operational emissions were calculated using CalEEMod and shown in **Table 6** below. Emissions were then compared to the SCAQMD GHG threshold of 10,000 MTCO₂e/year for industrial projects. The program annual emissions would be below the 10,000 MTCO₂e/year threshold. Because CalEEMod has a default assumption of 0 MTCO₂/acre for the wetland land use category, no carbon sequestration from the increase in wetland vegetation is incorporated into the GHG emissions analysis. Impacts from the program GHG emissions would be less than significant and mitigation measures would not be required.

TABLE 6
PROGRAM OPERATIONAL GHG EMISSIONS

| Phase | Program MTCO ₂ e/year |
|--|----------------------------------|
| Area | <0.1 |
| Energy | 9.43 |
| Mobile | 464.88 |
| Waste | 17.02 |
| Water | 2.19 |
| <i>Operational Total</i> | 493.5 |
| Amortized over 30 years (MTCO ₂ e/year) | 959 |
| Total | 1,453 |

SOURCE: Appendix A, ESA, 2019.

Mitigation Measure

None

Significance After Mitigation

Less than Significant

Impact GHG-2: The program would result in a significant impact if the program would conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

Construction Emissions

The proposed program would utilize construction contractors that would be in compliance with regulations including the USEPA Heavy Duty Vehicle Greenhouse Gas Regulation and the CARB ACTM that limits heavy-duty diesel motor vehicle idling. For vocational vehicles, which consist of a variety of work vehicles including dump trucks, the Phase 1 Heavy-Duty Vehicle Greenhouse Gas Regulation requires up to a 10 percent reduction in CO₂ emissions by model year 2017 over the 2010 baseline. The Phase 2 standards require the phase-in of a 12 to 24 percent reduction in CO₂ emission reduction from vocational vehicles by model year 2027 over the 2017 baseline. Compliance with anti-idling provisions would minimize unnecessary GHG emissions. Implementation of these measures would ensure that GHG-efficient equipment and practices in accordance with applicable plans, policies, and regulations would be used. Therefore, the program would not conflict with applicable regulations to reduce GHG emissions and construction impacts would be less than significant.

Operation

GHG emissions associated with mobile sources would only occur from periodic vehicle trips by workers for inspection and maintenance purposes and recreational visitors accessing the program area, which would not generate substantial emissions. Nonetheless, workers and visitors to the site would utilize vehicles that comply with State motor vehicle emissions standards.

The Seal Beach visitor center and any other new facilities would be built to the CALGREEN standards, which would reduce water consumption, improve energy efficiency, and decrease waste. The program would be compliant to all state and City codes and regulatory requirements. As of June 2019, the City of Long Beach and City of Seal Beach do not have any certified GHG-related policies, plans, or regulations. The City of Long Beach CAAP is expected to be certified by City Council in the Fall of 2019. The CAAP will serve as a guidance document for future climate change planning for the City of Long Beach and address both mitigation and adaptation. The program is expected to align with these strategies since its design considered sea level rise to adapt to a warming climate.

While the program is not a transportation project or a residential, commercial, or mixed-use project that would generate substantial numbers of vehicle trips, the program would contribute to the Cities' non-automotive transportation network. The program would provide improved public access to the wetlands both on foot and by bicycle within a populated urban area in the City of Long Beach and the City of Seal Beach that would be accessible to local area residents, employees, and visitors. These recreational opportunities for City of Long Beach and City of Seal Beach residents, employees, and visitors would reduce transportation-related air pollutants and GHG emissions by providing nearby recreational amenities including visitor centers and trails. Therefore, the proposed program would not conflict with the SCAG 2016 RTP/SCS goals of improving air quality, increasing accessibility to natural areas, preserving open space, and encouraging active transportation (e.g., bicycling and walking).

Therefore, impacts from the program's GHG emissions would be less than significant with regard to a conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

Mitigation Measure

None

Significance After Mitigation

Less than Significant

6.0 Cumulative Impacts

The emissions of a single project will not cause or exacerbate global climate change. Climate change is a global phenomenon and the significance of a project's GHG emissions is inherently cumulative in nature. CEQA requires that lead agencies consider evaluating the cumulative impacts of GHGs from even relatively small (on a global basis) increases in GHG emissions. Small contributions to this cumulative impact (from which significant effects are occurring and are expected to worsen over time) may be potentially considerable and therefore significant. A cumulatively considerable impact is the impact of a proposed project in addition to impacts of the related projects. However, in the case of global climate change, the proximity of the project to other GHG-generating activities is not directly relevant to the determination of global GHG cumulative impacts.

As shown in **Table 6**, the program would not exceed the SCAQMD screening level threshold of 10,000 MTCO₂e/year. The program would be consistent with the goals in the SCAG 2016 RTP/SCS, USEPA Heavy Duty Vehicle Greenhouse Gas Regulation, the CARB ACTM, and CALGREEN. Because GHG emissions are considered cumulative in nature, the program would not result in GHG emission that are cumulatively considerable.

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Appendix A

Greenhouse Gas Emissions

Appendix



CONSTRUCTION (MT CO₂e/year)

| Phase | Days/year | Total number of years | Total Days over entire construction period | Max Emissions per day - unmitigated (lb/day) | Max Emissions per day - mitigated (lb/day) | Total Construction Emissions unmitigated (tpy) | Total Construction Emissions mitigated (tpy) |
|-------------------------------|-----------|-----------------------|--|--|--|--|--|
| Demolition and site prep | 130 | 12 | 1560 | 4842.31 | 4842.31 | 3426 | 3426 |
| Grading/Excavation - option 1 | 260 | 22 | 5720 | 8552.95 | 8552.95 | 22191 | 22191 |
| Drainage/Utilities/Subgrade | 130 | 12 | 1560 | 3790.82 | 3790.82 | 2682 | 2682 |
| Building Construction | 130 | 2 | 260 | 3213.18 | 3213.18 | 379 | 379 |
| Paving | 40 | 2 | 80 | 2382.06 | 2382.06 | 86 | 86 |
| Architectural Coating | 20 | 2 | 40 | 355.02 | 355.02 | 6 | 6 |
| | | | | | 28772 | 28772 | |

| | |
|---|-------|
| Construction emissions amortized over 30 years -unmitigated (tpy) | 959.1 |
| Construction emissions amortized over 30 years -mitigated (tpy) | 959.1 |

| OPERATION | Unmitigated | | Mitigated | |
|------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | MT CO ₂ e/year |
| Area | 0.01 | 0.01 | | |
| Energy | 9.43 | 9.43 | | |
| Mobile | 464.88 | 464.88 | | |
| Waste | 17.02 | 17.02 | | |
| Water | 2.19 | 2.19 | | |
| Operational total (tpy) | 493.5 | 493.5 | | |
| Amortized construction total (tpy) | 959.1 | 959.1 | | |
| Total (tpy) | 1,453 | 1,453 | | |

Unmitigated Maximum Yearly Emissions

| | ROG maximum ton/year | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total |
|-----------------------------------|-------------------------|------|-----|-----|---------------|--------------|------------|----------------|---------------|-------------|
| Demolition and Site Preparation | 0.2 | 2.2 | 1.6 | 0.0 | 1.5 | 0.1 | 1.6 | 0.2 | 0.1 | 0.3 |
| Grading and Excavation - option 1 | 0.7 | 7.9 | 5.1 | 0.0 | 4.5 | 0.3 | 4.8 | 0.8 | 0.3 | 1.1 |
| Grading and Excavation - option 2 | 0.8 | 8.4 | 5.4 | 0.0 | 3.2 | 0.4 | 3.6 | 0.6 | 0.3 | 0.9 |
| Drainage/utilities/subgrade | 0.1 | 1.3 | 1.3 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 |
| Building Construction | 0.1 | 1.2 | 1.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 |
| Paving | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Architectural Coating | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Offshore unmitigated emissions | 1.3 | 12.4 | 8.6 | 3.3 | | | | 0.4 | | 0.4 |

Mitigated Maximum Yearly Emissions

| | ROG maximum ton/year | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total |
|-----------------------------------|-------------------------|-----|-----|-----|---------------|--------------|------------|----------------|---------------|-------------|
| Demolition and Site Preparation | 0.0 | 0.2 | 1.7 | 0.0 | 1.5 | 0.0 | 1.5 | 0.2 | 0.0 | 0.2 |
| Grading and Excavation - option 1 | 0.1 | 0.7 | 5.4 | 0.0 | 4.5 | 0.0 | 4.5 | 0.8 | 0.0 | 0.8 |
| Grading and Excavation - option 2 | 0.2 | 1.0 | 5.9 | 0.0 | 3.2 | 0.0 | 3.3 | 0.6 | 0.0 | 0.6 |
| Drainage/utilities/subgrade | 0.0 | 0.1 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Building Construction | 0.0 | 0.2 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Paving | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Architectural Coating | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Offshore mitigated emissions | 1.3 | 7.6 | 8.6 | 3.3 | | | | 0.2 | | 0.4 |

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1.0 Project Characteristics**1.1 Land Usage**

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|--------|----------|-------------|--------------------|------------|
| General Office Building | 2.00 | 1000sqft | 0.05 | 2,000.00 | 0 |
| City Park | 503.00 | Acre | 503.00 | 21,910,680.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|----------------------------|----------------------------|----------------------------|-------|----------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 33 |
| Climate Zone | 9 | | | Operational Year | 2021 |
| Utility Company | Southern California Edison | | | | |
| CO2 Intensity (lb/MWhr) | 702.44 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use -

Construction Phase - no construction - operation only run

Off-road Equipment -

Vehicle Trips - LU 411 Public Park trip rates used from ITE Manuel 10th Edition

Water And Wastewater - Assume no water is pumped into wetland.

Land Use Change -

Water Mitigation - CalGreen 20% water reduction

Waste Mitigation - AB341

| Table Name | Column Name | Default Value | New Value |
|-------------------------|---------------------------------|---------------|-----------|
| tblArchitecturalCoating | EF_Nonresidential_Exterior | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Nonresidential_Interior | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Parking | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Residential_Exterior | 50.00 | 250.00 |
| tblArchitecturalCoating | EF_Residential_Interior | 50.00 | 250.00 |
| tblAreaCoating | Area_EF_Nonresidential_Exterior | 100 | 250 |
| tblAreaCoating | Area_EF_Nonresidential_Interior | 100 | 250 |
| tblAreaCoating | Area_EF_Parking | 100 | 250 |
| tblAreaCoating | Area_EF_Residential_Exterior | 50 | 250 |
| tblAreaCoating | Area_EF_Residential_Interior | 50 | 250 |
| tblConstructionPhase | NumDays | 660.00 | 1.00 |
| tblConstructionPhase | NumDays | 9,300.00 | 1.00 |
| tblConstructionPhase | NumDays | 600.00 | 1.00 |
| tblConstructionPhase | NumDays | 930.00 | 1.00 |
| tblConstructionPhase | NumDays | 660.00 | 1.00 |
| tblConstructionPhase | NumDays | 360.00 | 1.00 |

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| | | | |
|---------------------|--------|-------------|-------------|
| tblConsumerProducts | ROG_EF | 1.98E-05 | 2.14E-05 |
| tblFleetMix | HHD | 0.03 | 7.9665e-003 |
| tblFleetMix | HHD | 0.03 | 7.9665e-003 |
| tblFleetMix | LDA | 0.55 | 0.55 |
| tblFleetMix | LDA | 0.55 | 0.55 |
| tblFleetMix | LDT1 | 0.05 | 0.06 |
| tblFleetMix | LDT1 | 0.05 | 0.06 |
| tblFleetMix | LDT2 | 0.20 | 0.19 |
| tblFleetMix | LDT2 | 0.20 | 0.19 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD2 | 6.1430e-003 | 5.5430e-003 |
| tblFleetMix | LHD2 | 6.1430e-003 | 5.5430e-003 |
| tblFleetMix | MCY | 5.0780e-003 | 0.02 |
| tblFleetMix | MCY | 5.0780e-003 | 0.02 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MH | 8.9100e-004 | 3.4552e-003 |
| tblFleetMix | MH | 8.9100e-004 | 3.4552e-003 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | OBUS | 2.4790e-003 | 9.6716e-004 |
| tblFleetMix | OBUS | 2.4790e-003 | 9.6716e-004 |
| tblFleetMix | SBUS | 6.8200e-004 | 6.8104e-004 |
| tblFleetMix | SBUS | 6.8200e-004 | 6.8104e-004 |
| tblFleetMix | UBUS | 2.2700e-003 | 6.3170e-004 |
| tblFleetMix | UBUS | 2.2700e-003 | 6.3170e-004 |

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| | | | |
|-----------------------|------------------|----------|-------------|
| tblGrading | AcresOfGrading | 2.50 | 2,325.00 |
| tblLandscapeEquipment | NumberSummerDays | 250 | 180 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblVehicleEF | HHD | 0.65 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.09 | 5.3212e-007 |
| tblVehicleEF | HHD | 2.61 | 5.73 |
| tblVehicleEF | HHD | 1.16 | 0.77 |
| tblVehicleEF | HHD | 3.36 | 0.01 |
| tblVehicleEF | HHD | 4,729.35 | 1,160.01 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 21.63 | 6.50 |
| tblVehicleEF | HHD | 4.20 | 4.58 |
| tblVehicleEF | HHD | 19.57 | 1.76 |
| tblVehicleEF | HHD | 0.02 | 0.01 |

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| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.1100e-004 | 1.0257e-005 |
| tblVehicleEF | HHD | 4.8720e-003 | 4.3163e-004 |
| tblVehicleEF | HHD | 0.65 | 0.47 |
| tblVehicleEF | HHD | 8.3000e-005 | 7.1733e-006 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.3200e-004 | 2.2097e-003 |
| tblVehicleEF | HHD | 0.09 | 2.8089e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6100e-004 | 1.0936e-006 |
| tblVehicleEF | HHD | 1.1100e-004 | 1.0257e-005 |
| tblVehicleEF | HHD | 4.8720e-003 | 4.3163e-004 |
| tblVehicleEF | HHD | 0.76 | 0.54 |
| tblVehicleEF | HHD | 8.3000e-005 | 7.1733e-006 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.3200e-004 | 2.2097e-003 |
| tblVehicleEF | HHD | 0.10 | 3.0754e-006 |
| tblVehicleEF | HHD | 0.61 | 0.03 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 5.0957e-007 |
| tblVehicleEF | HHD | 1.90 | 5.57 |
| tblVehicleEF | HHD | 1.17 | 0.77 |
| tblVehicleEF | HHD | 3.19 | 0.01 |
| tblVehicleEF | HHD | 5,008.69 | 1,160.72 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 22.32 | 6.36 |
| tblVehicleEF | HHD | 3.97 | 4.34 |
| tblVehicleEF | HHD | 19.56 | 1.76 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.7000e-004 | 1.6157e-005 |
| tblVehicleEF | HHD | 4.9980e-003 | 4.3835e-004 |
| tblVehicleEF | HHD | 0.61 | 0.49 |
| tblVehicleEF | HHD | 1.2100e-004 | 1.1037e-005 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.2100e-004 | 2.1847e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.08 | 2.6976e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.5800e-004 | 1.0850e-006 |
| tblVehicleEF | HHD | 1.7000e-004 | 1.6157e-005 |
| tblVehicleEF | HHD | 4.9980e-003 | 4.3835e-004 |
| tblVehicleEF | HHD | 0.72 | 0.56 |
| tblVehicleEF | HHD | 1.2100e-004 | 1.1037e-005 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.2100e-004 | 2.1847e-003 |
| tblVehicleEF | HHD | 0.09 | 2.9536e-006 |
| tblVehicleEF | HHD | 0.70 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.09 | 5.3720e-007 |
| tblVehicleEF | HHD | 3.58 | 5.95 |
| tblVehicleEF | HHD | 1.16 | 0.77 |
| tblVehicleEF | HHD | 3.39 | 0.01 |
| tblVehicleEF | HHD | 4,343.58 | 1,159.03 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 20.67 | 6.69 |
| tblVehicleEF | HHD | 4.13 | 4.51 |
| tblVehicleEF | HHD | 19.57 | 1.76 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.1000e-004 | 1.0837e-005 |
| tblVehicleEF | HHD | 5.2380e-003 | 5.0906e-004 |
| tblVehicleEF | HHD | 0.70 | 0.45 |
| tblVehicleEF | HHD | 8.1000e-005 | 7.2029e-006 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.6800e-004 | 2.3389e-003 |
| tblVehicleEF | HHD | 0.09 | 2.8334e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6100e-004 | 1.0953e-006 |
| tblVehicleEF | HHD | 1.1000e-004 | 1.0837e-005 |
| tblVehicleEF | HHD | 5.2380e-003 | 5.0906e-004 |
| tblVehicleEF | HHD | 0.82 | 0.51 |
| tblVehicleEF | HHD | 8.1000e-005 | 7.2029e-006 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.6800e-004 | 2.3389e-003 |
| tblVehicleEF | HHD | 0.10 | 3.1023e-006 |
| tblVehicleEF | LDA | 5.9160e-003 | 4.0269e-003 |
| tblVehicleEF | LDA | 6.1880e-003 | 0.06 |
| tblVehicleEF | LDA | 0.71 | 0.86 |
| tblVehicleEF | LDA | 1.27 | 2.24 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 285.63 | 286.85 |
| tblVehicleEF | LDA | 59.19 | 56.49 |
| tblVehicleEF | LDA | 0.06 | 0.05 |
| tblVehicleEF | LDA | 0.08 | 0.21 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.01 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.23 |
| tblVehicleEF | LDA | 0.08 | 0.27 |
| tblVehicleEF | LDA | 2.8620e-003 | 2.8378e-003 |
| tblVehicleEF | LDA | 6.1400e-004 | 5.5902e-004 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.23 |
| tblVehicleEF | LDA | 0.09 | 0.30 |
| tblVehicleEF | LDA | 6.2800e-003 | 4.3047e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 5.4950e-003 | 0.05 |
| tblVehicleEF | LDA | 0.78 | 0.95 |
| tblVehicleEF | LDA | 1.09 | 1.90 |
| tblVehicleEF | LDA | 298.94 | 299.91 |
| tblVehicleEF | LDA | 59.19 | 55.86 |
| tblVehicleEF | LDA | 0.05 | 0.05 |
| tblVehicleEF | LDA | 0.07 | 0.19 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.22 |
| tblVehicleEF | LDA | 0.07 | 0.24 |
| tblVehicleEF | LDA | 2.9960e-003 | 2.9671e-003 |
| tblVehicleEF | LDA | 6.1000e-004 | 5.5280e-004 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.02 | 0.03 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 0.04 | 0.22 |
| tblVehicleEF | LDA | 0.08 | 0.27 |
| tblVehicleEF | LDA | 5.7950e-003 | 3.9414e-003 |
| tblVehicleEF | LDA | 6.3340e-003 | 0.06 |
| tblVehicleEF | LDA | 0.68 | 0.83 |
| tblVehicleEF | LDA | 1.31 | 2.31 |
| tblVehicleEF | LDA | 280.76 | 282.08 |
| tblVehicleEF | LDA | 59.19 | 56.63 |
| tblVehicleEF | LDA | 0.06 | 0.05 |
| tblVehicleEF | LDA | 0.08 | 0.21 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.12 | 0.13 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.01 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.09 | 0.28 |
| tblVehicleEF | LDA | 2.8130e-003 | 2.7906e-003 |
| tblVehicleEF | LDA | 6.1400e-004 | 5.6038e-004 |
| tblVehicleEF | LDA | 0.04 | 0.06 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDA | 0.12 | 0.13 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.09 | 0.31 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 1.84 | 1.85 |
| tblVehicleEF | LDT1 | 3.09 | 2.45 |
| tblVehicleEF | LDT1 | 351.43 | 336.46 |
| tblVehicleEF | LDT1 | 71.32 | 67.07 |
| tblVehicleEF | LDT1 | 0.17 | 0.16 |
| tblVehicleEF | LDT1 | 0.18 | 0.31 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.28 | 0.24 |
| tblVehicleEF | LDT1 | 0.11 | 0.13 |
| tblVehicleEF | LDT1 | 0.04 | 0.05 |
| tblVehicleEF | LDT1 | 0.18 | 0.83 |
| tblVehicleEF | LDT1 | 0.21 | 0.45 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 3.5380e-003 | 3.3294e-003 |
| tblVehicleEF | LDT1 | 7.6700e-004 | 6.6374e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.28 | 0.24 |
| tblVehicleEF | LDT1 | 0.11 | 0.13 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.18 | 0.83 |
| tblVehicleEF | LDT1 | 0.24 | 0.49 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.01 | 0.08 |
| tblVehicleEF | LDT1 | 1.99 | 2.01 |
| tblVehicleEF | LDT1 | 2.62 | 2.08 |
| tblVehicleEF | LDT1 | 366.73 | 349.70 |
| tblVehicleEF | LDT1 | 71.32 | 66.31 |
| tblVehicleEF | LDT1 | 0.15 | 0.14 |
| tblVehicleEF | LDT1 | 0.16 | 0.28 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |
| tblVehicleEF | LDT1 | 0.21 | 0.24 |
| tblVehicleEF | LDT1 | 0.30 | 0.25 |
| tblVehicleEF | LDT1 | 0.16 | 0.18 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.17 | 0.77 |
| tblVehicleEF | LDT1 | 0.19 | 0.39 |
| tblVehicleEF | LDT1 | 3.6940e-003 | 3.4605e-003 |
| tblVehicleEF | LDT1 | 7.5900e-004 | 6.5619e-004 |
| tblVehicleEF | LDT1 | 0.21 | 0.24 |
| tblVehicleEF | LDT1 | 0.30 | 0.25 |
| tblVehicleEF | LDT1 | 0.16 | 0.18 |
| tblVehicleEF | LDT1 | 0.07 | 0.07 |
| tblVehicleEF | LDT1 | 0.17 | 0.77 |
| tblVehicleEF | LDT1 | 0.21 | 0.43 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 1.79 | 1.79 |
| tblVehicleEF | LDT1 | 3.19 | 2.53 |
| tblVehicleEF | LDT1 | 345.81 | 331.61 |
| tblVehicleEF | LDT1 | 71.32 | 67.24 |
| tblVehicleEF | LDT1 | 0.17 | 0.16 |
| tblVehicleEF | LDT1 | 0.18 | 0.31 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.32 | 0.27 |
| tblVehicleEF | LDT1 | 0.11 | 0.12 |
| tblVehicleEF | LDT1 | 0.04 | 0.05 |
| tblVehicleEF | LDT1 | 0.21 | 0.98 |
| tblVehicleEF | LDT1 | 0.22 | 0.46 |
| tblVehicleEF | LDT1 | 3.4810e-003 | 3.2814e-003 |
| tblVehicleEF | LDT1 | 7.6900e-004 | 6.6538e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.32 | 0.27 |
| tblVehicleEF | LDT1 | 0.11 | 0.12 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.21 | 0.98 |
| tblVehicleEF | LDT1 | 0.24 | 0.50 |
| tblVehicleEF | LDT2 | 7.8740e-003 | 6.3478e-003 |
| tblVehicleEF | LDT2 | 7.2440e-003 | 0.08 |
| tblVehicleEF | LDT2 | 0.90 | 1.24 |
| tblVehicleEF | LDT2 | 1.49 | 2.87 |
| tblVehicleEF | LDT2 | 395.42 | 367.68 |
| tblVehicleEF | LDT2 | 80.68 | 73.77 |
| tblVehicleEF | LDT2 | 0.09 | 0.12 |
| tblVehicleEF | LDT2 | 0.12 | 0.35 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.14 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.45 |
| tblVehicleEF | LDT2 | 0.10 | 0.38 |
| tblVehicleEF | LDT2 | 3.9620e-003 | 3.6376e-003 |
| tblVehicleEF | LDT2 | 8.3200e-004 | 7.3003e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.14 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.06 | 0.45 |
| tblVehicleEF | LDT2 | 0.11 | 0.42 |
| tblVehicleEF | LDT2 | 8.3450e-003 | 6.7606e-003 |
| tblVehicleEF | LDT2 | 6.4440e-003 | 0.07 |
| tblVehicleEF | LDT2 | 0.99 | 1.36 |
| tblVehicleEF | LDT2 | 1.27 | 2.44 |
| tblVehicleEF | LDT2 | 413.17 | 380.97 |
| tblVehicleEF | LDT2 | 80.68 | 72.95 |
| tblVehicleEF | LDT2 | 0.08 | 0.10 |
| tblVehicleEF | LDT2 | 0.11 | 0.32 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.07 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.15 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.42 |
| tblVehicleEF | LDT2 | 0.09 | 0.34 |
| tblVehicleEF | LDT2 | 4.1400e-003 | 3.7691e-003 |
| tblVehicleEF | LDT2 | 8.2800e-004 | 7.2192e-004 |
| tblVehicleEF | LDT2 | 0.07 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.15 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.06 | 0.42 |
| tblVehicleEF | LDT2 | 0.10 | 0.37 |
| tblVehicleEF | LDT2 | 7.7190e-003 | 6.2197e-003 |
| tblVehicleEF | LDT2 | 7.4150e-003 | 0.08 |
| tblVehicleEF | LDT2 | 0.87 | 1.20 |
| tblVehicleEF | LDT2 | 1.54 | 2.96 |
| tblVehicleEF | LDT2 | 388.90 | 362.81 |
| tblVehicleEF | LDT2 | 80.68 | 73.95 |
| tblVehicleEF | LDT2 | 0.09 | 0.11 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 0.12 | 0.35 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.04 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.07 | 0.52 |
| tblVehicleEF | LDT2 | 0.10 | 0.39 |
| tblVehicleEF | LDT2 | 3.8960e-003 | 3.5895e-003 |
| tblVehicleEF | LDT2 | 8.3300e-004 | 7.3182e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.04 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.07 | 0.52 |
| tblVehicleEF | LDT2 | 0.11 | 0.43 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0724e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.3245e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.94 | 0.86 |
| tblVehicleEF | LHD1 | 3.04 | 1.27 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |
| tblVehicleEF | LHD1 | 612.93 | 694.09 |
| tblVehicleEF | LHD1 | 34.52 | 13.36 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 1.05 | 0.84 |
| tblVehicleEF | LHD1 | 1.07 | 0.38 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 3.3130e-003 | 2.9887e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.9910e-003 | 1.7702e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.32 | 0.64 |
| tblVehicleEF | LHD1 | 0.29 | 0.10 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0260e-003 | 6.7874e-003 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 4.0200e-004 | 1.3218e-004 |
| tblVehicleEF | LHD1 | 3.3130e-003 | 2.9887e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 1.9910e-003 | 1.7702e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.32 | 0.64 |
| tblVehicleEF | LHD1 | 0.32 | 0.11 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0856e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.4711e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 0.96 | 0.87 |
| tblVehicleEF | LHD1 | 2.90 | 1.21 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |
| tblVehicleEF | LHD1 | 612.93 | 694.11 |
| tblVehicleEF | LHD1 | 34.52 | 13.25 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 0.98 | 0.79 |
| tblVehicleEF | LHD1 | 1.03 | 0.36 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 4.9680e-003 | 4.5016e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.5256e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.31 | 0.62 |
| tblVehicleEF | LHD1 | 0.28 | 0.09 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0270e-003 | 6.7877e-003 |
| tblVehicleEF | LHD1 | 3.9900e-004 | 1.3115e-004 |
| tblVehicleEF | LHD1 | 4.9680e-003 | 4.5016e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.5256e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.31 | 0.62 |
| tblVehicleEF | LHD1 | 0.31 | 0.10 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0700e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.2867e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 0.94 | 0.86 |
| tblVehicleEF | LHD1 | 3.06 | 1.28 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 612.93 | 694.08 |
| tblVehicleEF | LHD1 | 34.52 | 13.37 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 1.03 | 0.83 |
| tblVehicleEF | LHD1 | 1.08 | 0.38 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 3.5020e-003 | 3.1837e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.9650e-003 | 1.7527e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.34 | 0.70 |
| tblVehicleEF | LHD1 | 0.30 | 0.10 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0260e-003 | 6.7873e-003 |
| tblVehicleEF | LHD1 | 4.0200e-004 | 1.3235e-004 |
| tblVehicleEF | LHD1 | 3.5020e-003 | 3.1837e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 1.9650e-003 | 1.7527e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.34 | 0.70 |
| tblVehicleEF | LHD1 | 0.32 | 0.11 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3356e-003 |
| tblVehicleEF | LHD2 | 5.0230e-003 | 5.0611e-003 |
| tblVehicleEF | LHD2 | 9.9030e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.39 | 0.58 |
| tblVehicleEF | LHD2 | 1.51 | 0.88 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.37 |
| tblVehicleEF | LHD2 | 28.89 | 10.49 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.76 | 1.11 |
| tblVehicleEF | LHD2 | 0.61 | 0.27 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 1.2670e-003 | 1.8884e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 8.0900e-004 | 1.1221e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.10 | 0.43 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7497e-003 |
| tblVehicleEF | LHD2 | 3.1600e-004 | 1.0382e-004 |
| tblVehicleEF | LHD2 | 1.2670e-003 | 1.8884e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 8.0900e-004 | 1.1221e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.10 | 0.43 |
| tblVehicleEF | LHD2 | 0.15 | 0.07 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3451e-003 |
| tblVehicleEF | LHD2 | 5.0980e-003 | 5.1274e-003 |
| tblVehicleEF | LHD2 | 9.5540e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.40 | 0.58 |
| tblVehicleEF | LHD2 | 1.44 | 0.84 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.38 |
| tblVehicleEF | LHD2 | 28.89 | 10.42 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.72 | 1.05 |
| tblVehicleEF | LHD2 | 0.58 | 0.26 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |
| tblVehicleEF | LHD2 | 1.8880e-003 | 2.8213e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.5879e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.09 | 0.42 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7498e-003 |
| tblVehicleEF | LHD2 | 3.1500e-004 | 1.0310e-004 |
| tblVehicleEF | LHD2 | 1.8880e-003 | 2.8213e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.5879e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.09 | 0.42 |
| tblVehicleEF | LHD2 | 0.14 | 0.07 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3338e-003 |
| tblVehicleEF | LHD2 | 5.0030e-003 | 5.0440e-003 |
| tblVehicleEF | LHD2 | 9.9730e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.39 | 0.57 |
| tblVehicleEF | LHD2 | 1.52 | 0.89 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.37 |
| tblVehicleEF | LHD2 | 28.89 | 10.50 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.75 | 1.09 |
| tblVehicleEF | LHD2 | 0.61 | 0.27 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |
| tblVehicleEF | LHD2 | 1.3050e-003 | 1.9885e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 7.8800e-004 | 1.0961e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.10 | 0.47 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7497e-003 |
| tblVehicleEF | LHD2 | 3.1700e-004 | 1.0394e-004 |
| tblVehicleEF | LHD2 | 1.3050e-003 | 1.9885e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 7.8800e-004 | 1.0961e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.10 | 0.47 |
| tblVehicleEF | LHD2 | 0.15 | 0.07 |
| tblVehicleEF | MCY | 0.53 | 0.38 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 19.20 | 19.84 |
| tblVehicleEF | MCY | 9.64 | 8.48 |
| tblVehicleEF | MCY | 188.47 | 223.17 |
| tblVehicleEF | MCY | 44.88 | 60.40 |
| tblVehicleEF | MCY | 1.13 | 1.14 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.07 | 1.10 |
| tblVehicleEF | MCY | 0.65 | 0.70 |
| tblVehicleEF | MCY | 0.65 | 0.69 |
| tblVehicleEF | MCY | 2.61 | 2.65 |
| tblVehicleEF | MCY | 0.62 | 2.17 |
| tblVehicleEF | MCY | 2.06 | 1.84 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2085e-003 |
| tblVehicleEF | MCY | 6.6700e-004 | 5.9774e-004 |
| tblVehicleEF | MCY | 1.07 | 1.10 |
| tblVehicleEF | MCY | 0.65 | 0.70 |
| tblVehicleEF | MCY | 0.65 | 0.69 |
| tblVehicleEF | MCY | 3.25 | 3.27 |
| tblVehicleEF | MCY | 0.62 | 2.17 |
| tblVehicleEF | MCY | 2.24 | 2.00 |
| tblVehicleEF | MCY | 0.52 | 0.38 |
| tblVehicleEF | MCY | 0.13 | 0.21 |
| tblVehicleEF | MCY | 18.48 | 19.07 |
| tblVehicleEF | MCY | 8.82 | 7.74 |
| tblVehicleEF | MCY | 188.47 | 221.70 |
| tblVehicleEF | MCY | 44.88 | 58.50 |
| tblVehicleEF | MCY | 0.99 | 0.99 |
| tblVehicleEF | MCY | 0.29 | 0.25 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.73 | 1.79 |
| tblVehicleEF | MCY | 0.71 | 0.77 |
| tblVehicleEF | MCY | 1.08 | 1.13 |
| tblVehicleEF | MCY | 2.55 | 2.58 |
| tblVehicleEF | MCY | 0.58 | 2.04 |
| tblVehicleEF | MCY | 1.84 | 1.63 |
| tblVehicleEF | MCY | 2.2640e-003 | 2.1939e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 5.7891e-004 |
| tblVehicleEF | MCY | 1.73 | 1.79 |
| tblVehicleEF | MCY | 0.71 | 0.77 |
| tblVehicleEF | MCY | 1.08 | 1.13 |
| tblVehicleEF | MCY | 3.17 | 3.18 |
| tblVehicleEF | MCY | 0.58 | 2.04 |
| tblVehicleEF | MCY | 2.00 | 1.77 |
| tblVehicleEF | MCY | 0.54 | 0.38 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 19.30 | 19.94 |
| tblVehicleEF | MCY | 9.78 | 8.61 |
| tblVehicleEF | MCY | 188.47 | 223.39 |
| tblVehicleEF | MCY | 44.88 | 60.73 |
| tblVehicleEF | MCY | 1.11 | 1.11 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 0.31 | 0.27 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.16 | 1.20 |
| tblVehicleEF | MCY | 0.84 | 0.90 |
| tblVehicleEF | MCY | 0.62 | 0.66 |
| tblVehicleEF | MCY | 2.62 | 2.66 |
| tblVehicleEF | MCY | 0.71 | 2.49 |
| tblVehicleEF | MCY | 2.10 | 1.88 |
| tblVehicleEF | MCY | 2.2800e-003 | 2.2106e-003 |
| tblVehicleEF | MCY | 6.7100e-004 | 6.0100e-004 |
| tblVehicleEF | MCY | 1.16 | 1.20 |
| tblVehicleEF | MCY | 0.84 | 0.90 |
| tblVehicleEF | MCY | 0.62 | 0.66 |
| tblVehicleEF | MCY | 3.26 | 3.28 |
| tblVehicleEF | MCY | 0.71 | 2.49 |
| tblVehicleEF | MCY | 2.29 | 2.05 |
| tblVehicleEF | MDV | 0.02 | 9.2696e-003 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 1.56 | 1.64 |
| tblVehicleEF | MDV | 2.79 | 3.50 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 528.65 | 449.45 |
| tblVehicleEF | MDV | 106.35 | 89.79 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.25 | 0.43 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.16 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.04 | 0.05 |
| tblVehicleEF | MDV | 0.09 | 0.48 |
| tblVehicleEF | MDV | 0.22 | 0.50 |
| tblVehicleEF | MDV | 5.2990e-003 | 4.4442e-003 |
| tblVehicleEF | MDV | 1.1130e-003 | 8.8857e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.16 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.06 | 0.06 |
| tblVehicleEF | MDV | 0.09 | 0.48 |
| tblVehicleEF | MDV | 0.24 | 0.54 |
| tblVehicleEF | MDV | 0.02 | 9.7459e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.01 | 0.09 |
| tblVehicleEF | MDV | 1.69 | 1.77 |
| tblVehicleEF | MDV | 2.39 | 2.98 |
| tblVehicleEF | MDV | 551.85 | 463.58 |
| tblVehicleEF | MDV | 106.35 | 88.78 |
| tblVehicleEF | MDV | 0.15 | 0.14 |
| tblVehicleEF | MDV | 0.23 | 0.39 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.11 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.10 | 0.14 |
| tblVehicleEF | MDV | 0.05 | 0.05 |
| tblVehicleEF | MDV | 0.08 | 0.44 |
| tblVehicleEF | MDV | 0.19 | 0.44 |
| tblVehicleEF | MDV | 5.5330e-003 | 4.5840e-003 |
| tblVehicleEF | MDV | 1.1050e-003 | 8.7855e-004 |
| tblVehicleEF | MDV | 0.11 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.10 | 0.14 |
| tblVehicleEF | MDV | 0.06 | 0.06 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.08 | 0.44 |
| tblVehicleEF | MDV | 0.21 | 0.48 |
| tblVehicleEF | MDV | 0.01 | 9.1128e-003 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 1.52 | 1.59 |
| tblVehicleEF | MDV | 2.88 | 3.61 |
| tblVehicleEF | MDV | 520.14 | 444.29 |
| tblVehicleEF | MDV | 106.35 | 90.01 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.26 | 0.43 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.17 | 0.17 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 0.11 | 0.55 |
| tblVehicleEF | MDV | 0.22 | 0.51 |
| tblVehicleEF | MDV | 5.2130e-003 | 4.3931e-003 |
| tblVehicleEF | MDV | 1.1140e-003 | 8.9074e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.17 | 0.17 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.06 | 0.06 |
| tblVehicleEF | MDV | 0.11 | 0.55 |
| tblVehicleEF | MDV | 0.24 | 0.56 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.77 | 1.93 |
| tblVehicleEF | MH | 6.41 | 2.41 |
| tblVehicleEF | MH | 1,135.33 | 1,557.81 |
| tblVehicleEF | MH | 61.01 | 20.79 |
| tblVehicleEF | MH | 1.17 | 1.25 |
| tblVehicleEF | MH | 0.85 | 0.25 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |
| tblVehicleEF | MH | 1.07 | 1.06 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.45 | 0.43 |
| tblVehicleEF | MH | 0.10 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.82 |
| tblVehicleEF | MH | 0.36 | 0.11 |

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|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.2200e-004 | 2.0577e-004 |
| tblVehicleEF | MH | 1.07 | 1.06 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.45 | 0.43 |
| tblVehicleEF | MH | 0.14 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.82 |
| tblVehicleEF | MH | 0.40 | 0.12 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.02 |
| tblVehicleEF | MH | 2.85 | 1.97 |
| tblVehicleEF | MH | 6.02 | 2.27 |
| tblVehicleEF | MH | 1,135.33 | 1,557.88 |
| tblVehicleEF | MH | 61.01 | 20.56 |
| tblVehicleEF | MH | 1.07 | 1.15 |
| tblVehicleEF | MH | 0.82 | 0.24 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |
| tblVehicleEF | MH | 1.58 | 1.57 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.65 | 0.62 |

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|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.11 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.78 |
| tblVehicleEF | MH | 0.35 | 0.11 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.1500e-004 | 2.0342e-004 |
| tblVehicleEF | MH | 1.58 | 1.57 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.65 | 0.62 |
| tblVehicleEF | MH | 0.15 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.78 |
| tblVehicleEF | MH | 0.38 | 0.12 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.74 | 1.92 |
| tblVehicleEF | MH | 6.46 | 2.43 |
| tblVehicleEF | MH | 1,135.33 | 1,557.79 |
| tblVehicleEF | MH | 61.01 | 20.83 |
| tblVehicleEF | MH | 1.15 | 1.22 |
| tblVehicleEF | MH | 0.86 | 0.25 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MH | 1.21 | 1.21 |
| tblVehicleEF | MH | 0.09 | 0.09 |
| tblVehicleEF | MH | 0.46 | 0.44 |
| tblVehicleEF | MH | 0.10 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.92 |
| tblVehicleEF | MH | 0.37 | 0.11 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.2200e-004 | 2.0615e-004 |
| tblVehicleEF | MH | 1.21 | 1.21 |
| tblVehicleEF | MH | 0.09 | 0.09 |
| tblVehicleEF | MH | 0.46 | 0.44 |
| tblVehicleEF | MH | 0.14 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.92 |
| tblVehicleEF | MH | 0.40 | 0.12 |
| tblVehicleEF | MHD | 0.02 | 4.4568e-003 |
| tblVehicleEF | MHD | 5.7010e-003 | 9.4687e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.39 | 0.40 |
| tblVehicleEF | MHD | 0.42 | 0.87 |
| tblVehicleEF | MHD | 6.85 | 1.61 |
| tblVehicleEF | MHD | 131.02 | 70.09 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.05 |
| tblVehicleEF | MHD | 65.08 | 12.73 |
| tblVehicleEF | MHD | 0.52 | 0.62 |
| tblVehicleEF | MHD | 1.23 | 2.74 |
| tblVehicleEF | MHD | 9.82 | 1.00 |
| tblVehicleEF | MHD | 2.8600e-004 | 2.2441e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 2.7300e-004 | 2.1470e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.2390e-003 | 8.0244e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 7.9100e-004 | 4.9398e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.02 | 0.17 |
| tblVehicleEF | MHD | 0.42 | 0.07 |
| tblVehicleEF | MHD | 1.2630e-003 | 6.6609e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.7100e-004 | 1.2593e-004 |
| tblVehicleEF | MHD | 1.2390e-003 | 8.0244e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 7.9100e-004 | 4.9398e-004 |
| tblVehicleEF | MHD | 0.06 | 0.17 |
| tblVehicleEF | MHD | 0.02 | 0.17 |
| tblVehicleEF | MHD | 0.46 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.2175e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 5.7940e-003 | 9.5490e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.28 | 0.31 |
| tblVehicleEF | MHD | 0.43 | 0.88 |
| tblVehicleEF | MHD | 6.50 | 1.53 |
| tblVehicleEF | MHD | 138.77 | 71.71 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.06 |
| tblVehicleEF | MHD | 65.08 | 12.59 |
| tblVehicleEF | MHD | 0.53 | 0.63 |
| tblVehicleEF | MHD | 1.16 | 2.58 |
| tblVehicleEF | MHD | 9.78 | 0.99 |
| tblVehicleEF | MHD | 2.4100e-004 | 1.8940e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 2.3000e-004 | 1.8121e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.8580e-003 | 1.2079e-003 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 1.1240e-003 | 7.1030e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.02 | 0.16 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.40 | 0.07 |
| tblVehicleEF | MHD | 1.3360e-003 | 6.8157e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.6500e-004 | 1.2455e-004 |
| tblVehicleEF | MHD | 1.8580e-003 | 1.2079e-003 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 1.1240e-003 | 7.1030e-004 |
| tblVehicleEF | MHD | 0.06 | 0.18 |
| tblVehicleEF | MHD | 0.02 | 0.16 |
| tblVehicleEF | MHD | 0.44 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.7993e-003 |
| tblVehicleEF | MHD | 5.6760e-003 | 9.4448e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.53 | 0.51 |
| tblVehicleEF | MHD | 0.42 | 0.86 |
| tblVehicleEF | MHD | 6.91 | 1.63 |
| tblVehicleEF | MHD | 120.30 | 67.85 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.04 |
| tblVehicleEF | MHD | 65.08 | 12.75 |
| tblVehicleEF | MHD | 0.49 | 0.61 |
| tblVehicleEF | MHD | 1.21 | 2.69 |
| tblVehicleEF | MHD | 9.83 | 1.00 |
| tblVehicleEF | MHD | 3.4800e-004 | 2.7274e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 3.3300e-004 | 2.6095e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.2900e-003 | 8.4856e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.03 |
| tblVehicleEF | MHD | 7.7500e-004 | 4.8721e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.42 | 0.07 |
| tblVehicleEF | MHD | 1.1630e-003 | 6.4466e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.7200e-004 | 1.2619e-004 |
| tblVehicleEF | MHD | 1.2900e-003 | 8.4856e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.04 |
| tblVehicleEF | MHD | 7.7500e-004 | 4.8721e-004 |
| tblVehicleEF | MHD | 0.06 | 0.17 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.46 | 0.08 |
| tblVehicleEF | OBUS | 0.01 | 9.0528e-003 |
| tblVehicleEF | OBUS | 8.8720e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.29 | 0.61 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.60 | 1.25 |
| tblVehicleEF | OBUS | 5.75 | 2.54 |
| tblVehicleEF | OBUS | 111.80 | 98.82 |
| tblVehicleEF | OBUS | 1,266.65 | 1,458.58 |
| tblVehicleEF | OBUS | 68.32 | 19.86 |
| tblVehicleEF | OBUS | 0.58 | 0.71 |
| tblVehicleEF | OBUS | 1.73 | 2.50 |
| tblVehicleEF | OBUS | 2.63 | 0.62 |
| tblVehicleEF | OBUS | 2.0400e-004 | 3.3787e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 1.9500e-004 | 3.2325e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 1.4710e-003 | 1.8693e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 7.7800e-004 | 9.3362e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.14 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 1.0790e-003 | 9.3986e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 7.8400e-004 | 1.9655e-004 |
| tblVehicleEF | OBUS | 1.4710e-003 | 1.8693e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 7.7800e-004 | 9.3362e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.39 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 9.0475e-003 |
| tblVehicleEF | OBUS | 9.0250e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.27 | 0.57 |
| tblVehicleEF | OBUS | 0.61 | 1.27 |
| tblVehicleEF | OBUS | 5.43 | 2.40 |
| tblVehicleEF | OBUS | 117.45 | 100.02 |
| tblVehicleEF | OBUS | 1,266.65 | 1,458.61 |
| tblVehicleEF | OBUS | 68.32 | 19.62 |
| tblVehicleEF | OBUS | 0.60 | 0.72 |
| tblVehicleEF | OBUS | 1.63 | 2.35 |
| tblVehicleEF | OBUS | 2.59 | 0.61 |
| tblVehicleEF | OBUS | 1.7200e-004 | 2.8530e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 1.6400e-004 | 2.7296e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 2.1550e-003 | 2.7285e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 1.1010e-003 | 1.3226e-003 |
| tblVehicleEF | OBUS | 0.07 | 0.15 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.35 | 0.12 |
| tblVehicleEF | OBUS | 1.1330e-003 | 9.5128e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.7900e-004 | 1.9419e-004 |
| tblVehicleEF | OBUS | 2.1550e-003 | 2.7285e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.09 |
| tblVehicleEF | OBUS | 1.1010e-003 | 1.3226e-003 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.38 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 9.0785e-003 |
| tblVehicleEF | OBUS | 8.8310e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.31 | 0.66 |
| tblVehicleEF | OBUS | 0.60 | 1.24 |
| tblVehicleEF | OBUS | 5.81 | 2.56 |
| tblVehicleEF | OBUS | 104.00 | 97.15 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 1,266.65 | 1,458.57 |
| tblVehicleEF | OBUS | 68.32 | 19.91 |
| tblVehicleEF | OBUS | 0.56 | 0.71 |
| tblVehicleEF | OBUS | 1.70 | 2.46 |
| tblVehicleEF | OBUS | 2.64 | 0.62 |
| tblVehicleEF | OBUS | 2.4800e-004 | 4.1047e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 2.3700e-004 | 3.9271e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 1.5180e-003 | 1.9793e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 7.5800e-004 | 9.2118e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.14 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 1.0040e-003 | 9.2410e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.8500e-004 | 1.9702e-004 |
| tblVehicleEF | OBUS | 1.5180e-003 | 1.9793e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 7.5800e-004 | 9.2118e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.40 | 0.14 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 7.9517e-003 |
| tblVehicleEF | SBUS | 0.07 | 5.5911e-003 |
| tblVehicleEF | SBUS | 8.04 | 2.47 |
| tblVehicleEF | SBUS | 0.79 | 0.66 |
| tblVehicleEF | SBUS | 7.53 | 0.78 |
| tblVehicleEF | SBUS | 1,136.99 | 350.96 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.40 |
| tblVehicleEF | SBUS | 53.57 | 4.74 |
| tblVehicleEF | SBUS | 9.91 | 3.43 |
| tblVehicleEF | SBUS | 4.55 | 5.48 |
| tblVehicleEF | SBUS | 12.42 | 0.77 |
| tblVehicleEF | SBUS | 0.01 | 5.0981e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 0.01 | 4.8776e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 3.3870e-003 | 8.4800e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.2494e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |
| tblVehicleEF | SBUS | 1.7160e-003 | 4.2965e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.40 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.3445e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.6600e-004 | 4.6882e-005 |
| tblVehicleEF | SBUS | 3.3870e-003 | 8.4800e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.2494e-003 |
| tblVehicleEF | SBUS | 1.40 | 0.40 |
| tblVehicleEF | SBUS | 1.7160e-003 | 4.2965e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.43 | 0.04 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 8.0370e-003 |
| tblVehicleEF | SBUS | 0.06 | 4.9797e-003 |
| tblVehicleEF | SBUS | 7.92 | 2.43 |
| tblVehicleEF | SBUS | 0.80 | 0.67 |
| tblVehicleEF | SBUS | 6.11 | 0.64 |
| tblVehicleEF | SBUS | 1,188.84 | 360.21 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.41 |
| tblVehicleEF | SBUS | 53.57 | 4.49 |
| tblVehicleEF | SBUS | 10.22 | 3.51 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 4.29 | 5.17 |
| tblVehicleEF | SBUS | 12.39 | 0.77 |
| tblVehicleEF | SBUS | 9.0250e-003 | 4.3047e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 8.6350e-003 | 4.1185e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |
| tblVehicleEF | SBUS | 4.9940e-003 | 1.2331e-003 |
| tblVehicleEF | SBUS | 0.03 | 7.3700e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |
| tblVehicleEF | SBUS | 2.4540e-003 | 6.0281e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.35 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.4320e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.4200e-004 | 4.4468e-005 |
| tblVehicleEF | SBUS | 4.9940e-003 | 1.2331e-003 |
| tblVehicleEF | SBUS | 0.03 | 7.3700e-003 |
| tblVehicleEF | SBUS | 1.39 | 0.40 |
| tblVehicleEF | SBUS | 2.4540e-003 | 6.0281e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.38 | 0.03 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 7.9268e-003 |
| tblVehicleEF | SBUS | 0.07 | 5.7268e-003 |
| tblVehicleEF | SBUS | 8.21 | 2.53 |
| tblVehicleEF | SBUS | 0.78 | 0.66 |
| tblVehicleEF | SBUS | 7.78 | 0.81 |
| tblVehicleEF | SBUS | 1,065.38 | 338.18 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.39 |
| tblVehicleEF | SBUS | 53.57 | 4.78 |
| tblVehicleEF | SBUS | 9.47 | 3.32 |
| tblVehicleEF | SBUS | 4.47 | 5.39 |
| tblVehicleEF | SBUS | 12.43 | 0.77 |
| tblVehicleEF | SBUS | 0.01 | 6.1938e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 0.01 | 5.9258e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |
| tblVehicleEF | SBUS | 3.5050e-003 | 8.8218e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.8209e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 1.6510e-003 | 4.1639e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.02 | 0.06 |
| tblVehicleEF | SBUS | 0.40 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.2238e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.7000e-004 | 4.7323e-005 |
| tblVehicleEF | SBUS | 3.5050e-003 | 8.8218e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.8209e-003 |
| tblVehicleEF | SBUS | 1.40 | 0.41 |
| tblVehicleEF | SBUS | 1.6510e-003 | 4.1639e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.02 | 0.06 |
| tblVehicleEF | SBUS | 0.44 | 0.04 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.79 | 42.44 |
| tblVehicleEF | UBUS | 8.90 | 0.71 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.66 |
| tblVehicleEF | UBUS | 10.68 | 1.20 |
| tblVehicleEF | UBUS | 15.66 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 4.1600e-003 | 5.6311e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.6043e-003 |
| tblVehicleEF | UBUS | 2.3580e-003 | 4.4793e-004 |
| tblVehicleEF | UBUS | 0.90 | 0.15 |
| tblVehicleEF | UBUS | 0.02 | 0.05 |
| tblVehicleEF | UBUS | 0.67 | 0.05 |
| tblVehicleEF | UBUS | 9.9290e-003 | 1.5960e-003 |
| tblVehicleEF | UBUS | 1.0860e-003 | 8.5721e-005 |
| tblVehicleEF | UBUS | 4.1600e-003 | 5.6311e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.6043e-003 |
| tblVehicleEF | UBUS | 2.3580e-003 | 4.4793e-004 |
| tblVehicleEF | UBUS | 3.79 | 6.37 |
| tblVehicleEF | UBUS | 0.02 | 0.05 |
| tblVehicleEF | UBUS | 0.73 | 0.05 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.84 | 42.44 |
| tblVehicleEF | UBUS | 7.71 | 0.62 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.52 |
| tblVehicleEF | UBUS | 10.07 | 1.20 |
| tblVehicleEF | UBUS | 15.61 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 5.9260e-003 | 8.2288e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.8577e-003 |
| tblVehicleEF | UBUS | 3.2450e-003 | 6.2256e-004 |
| tblVehicleEF | UBUS | 0.91 | 0.15 |
| tblVehicleEF | UBUS | 0.02 | 0.04 |
| tblVehicleEF | UBUS | 0.61 | 0.04 |
| tblVehicleEF | UBUS | 9.9300e-003 | 1.5961e-003 |
| tblVehicleEF | UBUS | 1.0650e-003 | 8.4268e-005 |
| tblVehicleEF | UBUS | 5.9260e-003 | 8.2288e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.8577e-003 |
| tblVehicleEF | UBUS | 3.2450e-003 | 6.2256e-004 |
| tblVehicleEF | UBUS | 3.80 | 6.37 |
| tblVehicleEF | UBUS | 0.02 | 0.04 |
| tblVehicleEF | UBUS | 0.67 | 0.05 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.77 | 42.44 |
| tblVehicleEF | UBUS | 9.11 | 0.72 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.69 |
| tblVehicleEF | UBUS | 10.47 | 1.20 |

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| | | | |
|-----------------|--------|-------------|-------------|
| tblVehicleEF | UBUS | 15.67 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 4.7460e-003 | 5.5071e-004 |
| tblVehicleEF | UBUS | 0.09 | 8.1194e-003 |
| tblVehicleEF | UBUS | 2.4840e-003 | 4.2610e-004 |
| tblVehicleEF | UBUS | 0.90 | 0.15 |
| tblVehicleEF | UBUS | 0.03 | 0.06 |
| tblVehicleEF | UBUS | 0.68 | 0.05 |
| tblVehicleEF | UBUS | 9.9290e-003 | 1.5960e-003 |
| tblVehicleEF | UBUS | 1.0900e-003 | 8.6004e-005 |
| tblVehicleEF | UBUS | 4.7460e-003 | 5.5071e-004 |
| tblVehicleEF | UBUS | 0.09 | 8.1194e-003 |
| tblVehicleEF | UBUS | 2.4840e-003 | 4.2610e-004 |
| tblVehicleEF | UBUS | 3.78 | 6.37 |
| tblVehicleEF | UBUS | 0.03 | 0.06 |
| tblVehicleEF | UBUS | 0.75 | 0.05 |
| tblVehicleTrips | CC_TL | 8.40 | 7.30 |
| tblVehicleTrips | CC_TL | 8.40 | 7.30 |
| tblVehicleTrips | CNW_TL | 6.90 | 7.30 |
| tblVehicleTrips | CNW_TL | 6.90 | 7.30 |

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| | | | |
|-----------------|---------------------|----------------|------|
| tblVehicleTrips | CW_TL | 16.60 | 9.50 |
| tblVehicleTrips | CW_TL | 16.60 | 9.50 |
| tblVehicleTrips | ST_TR | 22.75 | 1.96 |
| tblVehicleTrips | ST_TR | 2.46 | 1.96 |
| tblVehicleTrips | SU_TR | 16.74 | 2.19 |
| tblVehicleTrips | SU_TR | 1.05 | 2.19 |
| tblVehicleTrips | WD_TR | 1.89 | 0.78 |
| tblVehicleTrips | WD_TR | 11.03 | 0.78 |
| tblWater | OutdoorWaterUseRate | 599,315,118.88 | 0.00 |

2.0 Emissions Summary

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2.1 Overall Construction**Unmitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|--|
| Year | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| 2020 | 1.6800e-003 | 0.0166 | 0.0111 | 2.0000e-005 | 6.0000e-005 | 8.3000e-004 | 8.9000e-004 | 2.0000e-005 | 7.7000e-004 | 7.9000e-004 | 0.0000 | 1.7566 | 1.7566 | 4.8000e-004 | 0.0000 | 1.7687 | |
| 2022 | 1.6100e-003 | 0.0166 | 0.0101 | 2.0000e-005 | 9.1100e-003 | 8.1000e-004 | 9.9100e-003 | 4.9800e-003 | 7.4000e-004 | 5.7300e-003 | 0.0000 | 1.7355 | 1.7355 | 5.4000e-004 | 0.0000 | 1.7491 | |
| 2023 | 1.6900e-003 | 0.0173 | 0.0143 | 3.0000e-005 | 1.2359 | 7.1000e-004 | 1.2366 | 0.1348 | 6.6000e-004 | 0.1355 | 0.0000 | 2.7948 | 2.7948 | 8.8000e-004 | 0.0000 | 2.8169 | |
| 2027 | 0.0156 | 0.1384 | 0.1311 | 7.6000e-004 | 0.0490 | 6.7000e-004 | 0.0497 | 0.0133 | 6.3000e-004 | 0.0139 | 0.0000 | 72.0080 | 72.0080 | 3.1000e-003 | 0.0000 | 72.0855 | |
| 2062 | 5.1000e-004 | 1.8300e-003 | 7.9100e-003 | 1.0000e-005 | 5.0000e-005 | 6.0000e-005 | 1.1000e-004 | 1.0000e-005 | 6.0000e-005 | 7.0000e-005 | 0.0000 | 1.2050 | 1.2050 | 4.0000e-005 | 0.0000 | 1.2060 | |
| 2065 | 0.0464 | 3.6000e-004 | 9.0000e-004 | 0.0000 | 6.4200e-003 | 0.0000 | 6.4300e-003 | 1.5800e-003 | 0.0000 | 1.5800e-003 | 0.0000 | 0.1277 | 0.1277 | 0.0000 | 0.0000 | 0.1278 | |
| Maximum | 0.0464 | 0.1384 | 0.1311 | 7.6000e-004 | 1.2359 | 8.3000e-004 | 1.2366 | 0.1348 | 7.7000e-004 | 0.1355 | 0.0000 | 72.0080 | 72.0080 | 3.1000e-003 | 0.0000 | 72.0855 | |

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2.1 Overall Construction**Mitigated Construction**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|---------|
| Year | tons/yr | | | | | | | | | | MT/yr | | | | | |
| 2020 | 1.6800e-003 | 0.0166 | 0.0111 | 2.0000e-005 | 6.0000e-005 | 8.3000e-004 | 8.9000e-004 | 2.0000e-005 | 7.7000e-004 | 7.9000e-004 | 0.0000 | 1.7566 | 1.7566 | 4.8000e-004 | 0.0000 | 1.7687 |
| 2022 | 1.6100e-003 | 0.0166 | 0.0101 | 2.0000e-005 | 9.1100e-003 | 8.1000e-004 | 9.9100e-003 | 4.9800e-003 | 7.4000e-004 | 5.7300e-003 | 0.0000 | 1.7355 | 1.7355 | 5.4000e-004 | 0.0000 | 1.7491 |
| 2023 | 1.6900e-003 | 0.0173 | 0.0143 | 3.0000e-005 | 1.2359 | 7.1000e-004 | 1.2366 | 0.1348 | 6.6000e-004 | 0.1355 | 0.0000 | 2.7948 | 2.7948 | 8.8000e-004 | 0.0000 | 2.8169 |
| 2027 | 0.0156 | 0.1384 | 0.1311 | 7.6000e-004 | 0.0490 | 6.7000e-004 | 0.0497 | 0.0133 | 6.3000e-004 | 0.0139 | 0.0000 | 72.0080 | 72.0080 | 3.1000e-003 | 0.0000 | 72.0855 |
| 2062 | 5.1000e-004 | 1.8300e-003 | 7.9100e-003 | 1.0000e-005 | 5.0000e-005 | 6.0000e-005 | 1.1000e-004 | 1.0000e-005 | 6.0000e-005 | 7.0000e-005 | 0.0000 | 1.2050 | 1.2050 | 4.0000e-005 | 0.0000 | 1.2060 |
| 2065 | 0.0464 | 3.6000e-004 | 9.0000e-004 | 0.0000 | 6.4200e-003 | 0.0000 | 6.4300e-003 | 1.5800e-003 | 0.0000 | 1.5800e-003 | 0.0000 | 0.1277 | 0.1277 | 0.0000 | 0.0000 | 0.1278 |
| Maximum | 0.0464 | 0.1384 | 0.1311 | 7.6000e-004 | 1.2359 | 8.3000e-004 | 1.2366 | 0.1348 | 7.7000e-004 | 0.1355 | 0.0000 | 72.0080 | 72.0080 | 3.1000e-003 | 0.0000 | 72.0855 |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|------|------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Quarter | Start Date | End Date | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|------------|--|--|
| 1 | 1-1-2020 | 3-31-2020 | 0.0131 | 0.0131 |
| 10 | 4-1-2022 | 6-30-2022 | 0.0130 | 0.0130 |
| 15 | 7-1-2023 | 9-30-2023 | 0.0135 | 0.0135 |
| 29 | 1-1-2027 | 3-31-2027 | 0.1095 | 0.1095 |
| 172 | 10-1-2062 | 12-31-2062 | 0.0017 | 0.0017 |

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| | | | | | | |
|-----|----------|-----------|--|--------|--|--------|
| 182 | 4-1-2065 | 6-30-2065 | | 0.0334 | | 0.0334 |
| | | Highest | | 0.1095 | | 0.1095 |

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 | 0.2267 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 |
| Energy | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 9.3888 | 9.3888 | 3.6000e-004 | 9.0000e-005 | 9.4250 |
| Mobile | 0.3732 | 0.3700 | 2.7430 | 5.0200e-003 | 0.4660 | 5.6300e-003 | 0.4716 | 0.1243 | 5.2700e-003 | 0.1296 | 0.0000 | 463.9228 | 463.9228 | 0.0384 | 0.0000 | 464.8829 |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 9.1590 | 0.0000 | 9.1590 | 0.5413 | 0.0000 | 22.6909 |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1128 | 2.2460 | 2.3588 | 0.0117 | 2.9000e-004 | 2.7379 |
| Total | 0.6000 | 0.3711 | 2.7485 | 5.0300e-003 | 0.4660 | 5.7300e-003 | 0.4717 | 0.1243 | 5.3700e-003 | 0.1297 | 9.2717 | 475.5666 | 484.8383 | 0.5918 | 3.8000e-004 | 499.7464 |

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2.2 Overall Operational**Mitigated Operational**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|-----------------|-----------------|---------------|--------------------|-----------------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Area | 0.2267 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 | |
| Energy | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 9.3888 | 9.3888 | 3.6000e-004 | 9.0000e-005 | 9.4250 | |
| Mobile | 0.3732 | 0.3700 | 2.7430 | 5.0200e-003 | 0.4660 | 5.6300e-003 | 0.4716 | 0.1243 | 5.2700e-003 | 0.1296 | 0.0000 | 463.9228 | 463.9228 | 0.0384 | 0.0000 | 464.8829 | |
| Waste | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 6.8692 | 0.0000 | 6.8692 | 0.4060 | 0.0000 | 17.0182 | |
| Water | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0902 | 1.7968 | 1.8870 | 9.3400e-003 | 2.3000e-004 | 2.1903 | |
| Total | 0.6000 | 0.3711 | 2.7485 | 5.0300e-003 | 0.4660 | 5.7300e-003 | 0.4717 | 0.1243 | 5.3700e-003 | 0.1297 | 6.9594 | 475.1174 | 482.0768 | 0.4541 | 3.2000e-004 | 493.5261 | |

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------|------|------|------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|-------|------|
| Percent Reduction | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.94 | 0.09 | 0.57 | 23.26 | 15.79 | 1.24 |

3.0 Construction Detail**Construction Phase**

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| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 1/1/2020 | 5 | 1 | |
| 2 | Site Preparation | Site Preparation | 4/20/2022 | 4/20/2022 | 5 | 1 | |
| 3 | Grading | Grading | 9/6/2023 | 9/6/2023 | 5 | 1 | |
| 4 | Building Construction | Building Construction | 3/31/2027 | 3/31/2027 | 5 | 1 | |
| 5 | Paving | Paving | 11/22/2062 | 11/22/2062 | 5 | 1 | |
| 6 | Architectural Coating | Architectural Coating | 6/3/2065 | 6/3/2065 | 5 | 1 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,000; Non-Residential Outdoor: 2,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

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| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 9,203.00 | 3,591.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,841.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction**3.2 Demolition - 2020****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|-------------|--------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.6600e-003 | 0.0166 | 0.0109 | 2.0000e-005 | | 8.3000e-004 | 8.3000e-004 | | 7.7000e-004 | 7.7000e-004 | 0.0000 | 1.6999 | 1.6999 | 4.8000e-004 | 0.0000 | 1.7119 |
| Total | 1.6600e-003 | 0.0166 | 0.0109 | 2.0000e-005 | | 8.3000e-004 | 8.3000e-004 | | 7.7000e-004 | 7.7000e-004 | 0.0000 | 1.6999 | 1.6999 | 4.8000e-004 | 0.0000 | 1.7119 |

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3.2 Demolition - 2020**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|-------------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0567 | 0.0567 | 0.0000 | 0.0000 | 0.0000 | 0.0567 | |
| Total | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0567 | 0.0567 | 0.0000 | 0.0000 | 0.0000 | 0.0567 | |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|-------------|--------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 1.6600e-003 | 0.0166 | 0.0109 | 2.0000e-005 | | 8.3000e-004 | 8.3000e-004 | | 7.7000e-004 | 7.7000e-004 | 0.0000 | 1.6999 | 1.6999 | 4.8000e-004 | 0.0000 | 1.7119 | |
| Total | 1.6600e-003 | 0.0166 | 0.0109 | 2.0000e-005 | | 8.3000e-004 | 8.3000e-004 | | 7.7000e-004 | 7.7000e-004 | 0.0000 | 1.6999 | 1.6999 | 4.8000e-004 | 0.0000 | 1.7119 | |

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3.2 Demolition - 2020**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|-------------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0567 | 0.0567 | 0.0000 | 0.0000 | 0.0000 | 0.0567 |
| Total | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 6.0000e-005 | 0.0000 | 6.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0567 | 0.0567 | 0.0000 | 0.0000 | 0.0000 | 0.0567 |

3.3 Site Preparation - 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 | | | | | 9.0300e-003 | 0.0000 | 9.0300e-003 | 4.9700e-003 | 0.0000 | 4.9700e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.5900e-003 | 0.0165 | 9.8500e-003 | 2.0000e-005 | | 8.1000e-004 | 8.1000e-004 | | 7.4000e-004 | 7.4000e-004 | 0.0000 | 1.6720 | 1.6720 | 5.4000e-004 | 0.0000 | 1.6855 |
| Total | 1.5900e-003 | 0.0165 | 9.8500e-003 | 2.0000e-005 | 9.0300e-003 | 8.1000e-004 | 9.8400e-003 | 4.9700e-003 | 7.4000e-004 | 5.7100e-003 | 0.0000 | 1.6720 | 1.6720 | 5.4000e-004 | 0.0000 | 1.6855 |

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3.3 Site Preparation - 2022**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|-------------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0636 | 0.0636 | 0.0000 | 0.0000 | 0.0000 | 0.0636 | |
| Total | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0636 | 0.0636 | 0.0000 | 0.0000 | 0.0000 | 0.0636 | |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 9.0300e-003 | 0.0000 | 9.0300e-003 | 4.9700e-003 | 0.0000 | 4.9700e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Off-Road | 1.5900e-003 | 0.0165 | 9.8500e-003 | 2.0000e-005 | | 8.1000e-004 | 8.1000e-004 | | 7.4000e-004 | 7.4000e-004 | 0.0000 | 1.6720 | 1.6720 | 5.4000e-004 | 0.0000 | 1.6855 | |
| Total | 1.5900e-003 | 0.0165 | 9.8500e-003 | 2.0000e-005 | 9.0300e-003 | 8.1000e-004 | 9.8400e-003 | 4.9700e-003 | 7.4000e-004 | 5.7100e-003 | 0.0000 | 1.6720 | 1.6720 | 5.4000e-004 | 0.0000 | 1.6855 | |

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3.3 Site Preparation - 2022**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|-------------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0636 | 0.0636 | 0.0000 | 0.0000 | 0.0636 | |
| Total | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 7.0000e-005 | 0.0000 | 7.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0636 | 0.0636 | 0.0000 | 0.0000 | 0.0636 | |

3.4 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 | | | | | 1.2358 | 0.0000 | 1.2358 | 0.1348 | 0.0000 | 0.1348 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.6600e-003 | 0.0173 | 0.0140 | 3.0000e-005 | | 7.1000e-004 | 7.1000e-004 | | 6.6000e-004 | 6.6000e-004 | 0.0000 | 2.7268 | 2.7268 | 8.8000e-004 | 0.0000 | 2.7488 |
| Total | 1.6600e-003 | 0.0173 | 0.0140 | 3.0000e-005 | 1.2358 | 7.1000e-004 | 1.2366 | 0.1348 | 6.6000e-004 | 0.1354 | 0.0000 | 2.7268 | 2.7268 | 8.8000e-004 | 0.0000 | 2.7488 |

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3.4 Grading - 2023**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|-------------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 8.0000e-005 | 0.0000 | 8.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0680 | 0.0680 | 0.0000 | 0.0000 | 0.0681 |
| Total | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 8.0000e-005 | 0.0000 | 8.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0000 | 0.0680 | 0.0680 | 0.0000 | 0.0000 | 0.0681 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|-------------|--------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Fugitive Dust | | | | | 1.2358 | 0.0000 | 1.2358 | 0.1348 | 0.0000 | 0.1348 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 1.6600e-003 | 0.0173 | 0.0140 | 3.0000e-005 | | 7.1000e-004 | 7.1000e-004 | | 6.6000e-004 | 6.6000e-004 | 0.0000 | 2.7268 | 2.7268 | 8.8000e-004 | 0.0000 | 2.7488 |
| Total | 1.6600e-003 | 0.0173 | 0.0140 | 3.0000e-005 | 1.2358 | 7.1000e-004 | 1.2366 | 0.1348 | 6.6000e-004 | 0.1354 | 0.0000 | 2.7268 | 2.7268 | 8.8000e-004 | 0.0000 | 2.7488 |

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3.4 Grading - 2023**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|-------------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 8.0000e-005 | 0.0000 | 8.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0680 | 0.0680 | 0.0000 | 0.0000 | 0.0681 | | |
| Total | 3.0000e-005 | 2.0000e-005 | 2.4000e-004 | 0.0000 | 8.0000e-005 | 0.0000 | 8.0000e-005 | 2.0000e-005 | 0.0000 | 2.0000e-005 | 0.0680 | 0.0680 | 0.0000 | 0.0000 | 0.0681 | | |

3.5 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 | 6.8000e-004 | 6.2300e-003 | 8.0400e-003 | 1.0000e-005 | | 2.6000e-004 | 2.6000e-004 | | 2.5000e-004 | 2.5000e-004 | 0.0000 | 1.1596 | 1.1596 | 2.7000e-004 | 0.0000 | 1.1664 | |
| Total | 6.8000e-004 | 6.2300e-003 | 8.0400e-003 | 1.0000e-005 | | 2.6000e-004 | 2.6000e-004 | | 2.5000e-004 | 2.5000e-004 | 0.0000 | 1.1596 | 1.1596 | 2.7000e-004 | 0.0000 | 1.1664 | |

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3.5 Building Construction - 2027**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|---------------|----------------|----------------|--------------------|---------------|----------------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | 3.6600e-003 | 0.1254 | 0.0382 | 4.5000e-004 | 0.0120 | 1.5000e-004 | 0.0121 | 3.4500e-003 | 1.4000e-004 | 3.5900e-003 | 0.0000 | 43.5983 | 43.5983 | 2.2500e-003 | 0.0000 | 43.6546 | |
| Worker | 0.0112 | 6.7300e-003 | 0.0849 | 3.0000e-004 | 0.0371 | 2.6000e-004 | 0.0373 | 9.8400e-003 | 2.4000e-004 | 0.0101 | 0.0000 | 27.2501 | 27.2501 | 5.7000e-004 | 0.0000 | 27.2644 | |
| Total | 0.0149 | 0.1322 | 0.1231 | 7.5000e-004 | 0.0490 | 4.1000e-004 | 0.0494 | 0.0133 | 3.8000e-004 | 0.0137 | 0.0000 | 70.8484 | 70.8484 | 2.8200e-003 | 0.0000 | 70.9190 | |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|---------------|---------------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 6.8000e-004 | 6.2300e-003 | 8.0400e-003 | 1.0000e-005 | | 2.6000e-004 | 2.6000e-004 | | 2.5000e-004 | 2.5000e-004 | 0.0000 | 1.1596 | 1.1596 | 2.7000e-004 | 0.0000 | 1.1664 | |
| Total | 6.8000e-004 | 6.2300e-003 | 8.0400e-003 | 1.0000e-005 | | 2.6000e-004 | 2.6000e-004 | | 2.5000e-004 | 2.5000e-004 | 0.0000 | 1.1596 | 1.1596 | 2.7000e-004 | 0.0000 | 1.1664 | |

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3.5 Building Construction - 2027**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|-------------|-------------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|---------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Hauling | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | 3.6600e-003 | 0.1254 | 0.0382 | 4.5000e-004 | 0.0120 | 1.5000e-004 | 0.0121 | 3.4500e-003 | 1.4000e-004 | 3.5900e-003 | 0.0000 | 43.5983 | 43.5983 | 2.2500e-003 | 0.0000 | 43.6546 | |
| Worker | 0.0112 | 6.7300e-003 | 0.0849 | 3.0000e-004 | 0.0371 | 2.6000e-004 | 0.0373 | 9.8400e-003 | 2.4000e-004 | 0.0101 | 0.0000 | 27.2501 | 27.2501 | 5.7000e-004 | 0.0000 | 27.2644 | |
| Total | 0.0149 | 0.1322 | 0.1231 | 7.5000e-004 | 0.0490 | 4.1000e-004 | 0.0494 | 0.0133 | 3.8000e-004 | 0.0137 | 0.0000 | 70.8484 | 70.8484 | 2.8200e-003 | 0.0000 | 70.9190 | |

3.6 Paving - 2062**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 5.1000e-004 | 1.8300e-003 | 7.9100e-003 | 1.0000e-005 | | 6.0000e-005 | 6.0000e-005 | | 6.0000e-005 | 6.0000e-005 | 0.0000 | 1.2050 | 1.2050 | 4.0000e-005 | 0.0000 | 1.2060 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 5.1000e-004 | 1.8300e-003 | 7.9100e-003 | 1.0000e-005 | | 6.0000e-005 | 6.0000e-005 | | 6.0000e-005 | 6.0000e-005 | 0.0000 | 1.2050 | 1.2050 | 4.0000e-005 | 0.0000 | 1.2060 |

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3.6 Paving - 2062**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 5.0000e-005 | 0.0000 | 5.0000e-005 | 1.0000e-005 | 0.0000 | 1.0000e-005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 5.0000e-005 | 0.0000 | 5.0000e-005 | 1.0000e-005 | 0.0000 | 1.0000e-005 | 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 | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Off-Road | 5.1000e-004 | 1.8300e-003 | 7.9100e-003 | 1.0000e-005 | | 6.0000e-005 | 6.0000e-005 | | 6.0000e-005 | 6.0000e-005 | 0.0000 | 1.2050 | 1.2050 | 4.0000e-005 | 0.0000 | 1.2060 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | 5.1000e-004 | 1.8300e-003 | 7.9100e-003 | 1.0000e-005 | | 6.0000e-005 | 6.0000e-005 | | 6.0000e-005 | 6.0000e-005 | 0.0000 | 1.2050 | 1.2050 | 4.0000e-005 | 0.0000 | 1.2060 |

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3.6 Paving - 2062**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|---------|-----|----|-----|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|--|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | | | | | 5.0000e-005 | 0.0000 | 5.0000e-005 | 1.0000e-005 | 0.0000 | 1.0000e-005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Total | | | | | 5.0000e-005 | 0.0000 | 5.0000e-005 | 1.0000e-005 | 0.0000 | 1.0000e-005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |

3.7 Architectural Coating - 2065**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0464 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Off-Road | 6.0000e-005 | 3.6000e-004 | 9.0000e-004 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1277 | 0.1277 | 0.0000 | 0.0000 | 0.1278 | |
| Total | 0.0464 | 3.6000e-004 | 9.0000e-004 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1277 | 0.1277 | 0.0000 | 0.0000 | 0.1278 | |

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3.7 Architectural Coating - 2065**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------|-----|----|-----|--------------------|---------------|--------------------|--------------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | | | | | 6.4200e-003 | 0.0000 | 6.4200e-003 | 1.5800e-003 | 0.0000 | 1.5800e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Total | | | | | 6.4200e-003 | 0.0000 | 6.4200e-003 | 1.5800e-003 | 0.0000 | 1.5800e-003 | 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 | tons/yr | | | | | | | | | | MT/yr | | | | | |
| Archit. Coating | 0.0464 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 6.0000e-005 | 3.6000e-004 | 9.0000e-004 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1277 | 0.1277 | 0.0000 | 0.0000 | 0.1278 |
| Total | 0.0464 | 3.6000e-004 | 9.0000e-004 | 0.0000 | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.1277 | 0.1277 | 0.0000 | 0.0000 | 0.1278 |

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3.7 Architectural Coating - 2065**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|---------|-----|----|-----|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|--------|--|
| Category | tons/yr | | | | | | | | | | MT/yr | | | | | | |
| Hauling | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | | | | | 6.4200e-003 | 0.0000 | 6.4200e-003 | 1.5800e-003 | 0.0000 | 1.5800e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Total | | | | | 6.4200e-003 | 0.0000 | 6.4200e-003 | 1.5800e-003 | 0.0000 | 1.5800e-003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |

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

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------|---------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|--------|--------|----------|--|
| Category | tons/yr | | | | | | | | | | | | MT/yr | | | | |
| Mitigated | 0.3732 | 0.3700 | 2.7430 | 5.0200e-003 | 0.4660 | 5.6300e-003 | 0.4716 | 0.1243 | 5.2700e-003 | 0.1296 | 0.0000 | 463.9228 | 463.9228 | 0.0384 | 0.0000 | 464.8829 | |
| Unmitigated | 0.3732 | 0.3700 | 2.7430 | 5.0200e-003 | 0.4660 | 5.6300e-003 | 0.4716 | 0.1243 | 5.2700e-003 | 0.1296 | 0.0000 | 463.9228 | 463.9228 | 0.0384 | 0.0000 | 464.8829 | |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | | Mitigated | |
|-------------------------|-------------------------|----------|----------|-------------|------------|------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT | Annual VMT | Annual VMT |
| City Park | 392.34 | 985.88 | 1101.57 | 1,234,906 | 1,234,906 | 1,234,906 | 1,234,906 |
| General Office Building | 1.56 | 3.92 | 4.38 | 5,496 | 5,496 | 5,496 | 5,496 |
| Total | 393.90 | 989.80 | 1,105.95 | 1,240,402 | 1,240,402 | 1,240,402 | 1,240,402 |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| City Park | 9.50 | 7.30 | 7.30 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| General Office Building | 9.50 | 7.30 | 7.30 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.551001 | 0.059862 | 0.185577 | 0.128146 | 0.022541 | 0.005543 | 0.010825 | 0.007967 | 0.000967 | 0.000632 | 0.022803 | 0.000681 | 0.003455 |
| General Office Building | 0.551001 | 0.059862 | 0.185577 | 0.128146 | 0.022541 | 0.005543 | 0.010825 | 0.007967 | 0.000967 | 0.000632 | 0.022803 | 0.000681 | 0.003455 |

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|-------------|-----------|-----------|-------------|-------------|-------------|--------|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Electricity Mitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 8.2778 | 8.2778 | 3.4000e-004 | 7.0000e-005 | 8.3074 | |
| Electricity Unmitigated | | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 8.2778 | 8.2778 | 3.4000e-004 | 7.0000e-005 | 8.3074 | |
| NaturalGas Mitigated | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 1.1110 | 1.1110 | 2.0000e-005 | 2.0000e-005 | 1.1176 |
| NaturalGas Unmitigated | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 1.1110 | 1.1110 | 2.0000e-005 | 2.0000e-005 | 1.1176 |

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

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------------------|----------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|--|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| General Office Building | 20820 | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 1.1110 | 1.1110 | 2.0000e-005 | 2.0000e-005 | 1.1176 | |
| Total | | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 1.1110 | 1.1110 | 2.0000e-005 | 2.0000e-005 | 1.1176 | |

Mitigated

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------------------|----------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|---------------|--|
| Land Use | kBTU/yr | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| General Office Building | 20820 | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 1.1110 | 1.1110 | 2.0000e-005 | 2.0000e-005 | 1.1176 | |
| Total | | 1.1000e-004 | 1.0200e-003 | 8.6000e-004 | 1.0000e-005 | | 8.0000e-005 | 8.0000e-005 | | 8.0000e-005 | 8.0000e-005 | 0.0000 | 1.1110 | 1.1110 | 2.0000e-005 | 2.0000e-005 | 1.1176 | |

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

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|--------------------|--------------------|---------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| General Office Building | 25980 | 8.2778 | 3.4000e-004 | 7.0000e-005 | 8.3074 |
| Total | | 8.2778 | 3.4000e-004 | 7.0000e-005 | 8.3074 |

Mitigated

| | Electricity Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|-----------------|---------------|--------------------|--------------------|---------------|
| Land Use | kWh/yr | MT/yr | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| General Office Building | 25980 | 8.2778 | 3.4000e-004 | 7.0000e-005 | 8.3074 |
| Total | | 8.2778 | 3.4000e-004 | 7.0000e-005 | 8.3074 |

6.0 Area Detail**6.1 Mitigation Measures Area**

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------|---------|-------------|-------------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-------------|-------------|-------------|--------|-------------|--|
| Category | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Mitigated | 0.2267 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 | |
| Unmitigated | 0.2267 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 | |

6.2 Area by SubCategory**Unmitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-----------------------|---------------|--------------------|--------------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|--|
| SubCategory | tons/yr | | | | | | | | | | | MT/yr | | | | | |
| Architectural Coating | 4.6400e-003 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Consumer Products | 0.2216 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Landscaping | 4.4000e-004 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 | |
| Total | 0.2267 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 | |

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6.2 Area by SubCategory**Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-----------------------|---------------|--------------------|--------------------|---------------|---------------|--------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|--------------------|--------------------|---------------|--------------------|
| SubCategory | tons/yr | | | | | | | | | | MT/yr | | | | | | |
| Architectural Coating | 4.6400e-003 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Consumer Products | 0.2216 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Landscaping | 4.4000e-004 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 |
| Total | 0.2267 | 4.0000e-005 | 4.6600e-003 | 0.0000 | | | 2.0000e-005 | 2.0000e-005 | | 2.0000e-005 | 2.0000e-005 | 0.0000 | 9.0200e-003 | 9.0200e-003 | 2.0000e-005 | 0.0000 | 9.6200e-003 |

7.0 Water Detail**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

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| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|-------------|-------------|--------|
| Category | MT/yr | | | |
| Mitigated | 1.8870 | 9.3400e-003 | 2.3000e-004 | 2.1903 |
| Unmitigated | 2.3588 | 0.0117 | 2.9000e-004 | 2.7379 |

7.2 Water by Land Use**Unmitigated**

| | Indoor/Out door Use | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|---------------------|---------------|---------------|--------------------|---------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| General Office Building | 0.355467 / 0.217867 | 2.3588 | 0.0117 | 2.9000e-004 | 2.7379 |
| Total | | 2.3588 | 0.0117 | 2.9000e-004 | 2.7379 |

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7.2 Water by Land Use**Mitigated**

| | Indoor/Out door Use | Total CO2 | CH4 | N2O | CO2e |
|----------------------------|------------------------|---------------|-------------------------|-------------------------|---------------|
| Land Use | Mgal | MT/yr | | | |
| City Park | 0 / 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| General Office Building | 0.284374 / 0.174294 | 1.8870 | 9.3400e- 003 | 2.3000e- 004 | 2.1903 |
| Total | | 1.8870 | 9.3400e- 003 | 2.3000e- 004 | 2.1903 |

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

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Category/Year

| | Total CO2 | CH4 | N2O | CO2e |
|-------------|-----------|--------|--------|---------|
| | MT/yr | | | |
| Mitigated | 6.8692 | 0.4060 | 0.0000 | 17.0182 |
| Unmitigated | 9.1590 | 0.5413 | 0.0000 | 22.6909 |

8.2 Waste by Land UseUnmitigated

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|---------------|---------------|---------------|----------------|
| Land Use | tons | MT/yr | | | |
| City Park | 43.26 | 8.7814 | 0.5190 | 0.0000 | 21.7555 |
| General Office Building | 1.86 | 0.3776 | 0.0223 | 0.0000 | 0.9354 |
| Total | | 9.1590 | 0.5413 | 0.0000 | 22.6909 |

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8.2 Waste by Land Use**Mitigated**

| | Waste Disposed | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|----------------|---------------|---------------|---------------|----------------|
| Land Use | tons | MT/yr | | | |
| City Park | 32.445 | 6.5860 | 0.3892 | 0.0000 | 16.3166 |
| General Office Building | 1.395 | 0.2832 | 0.0167 | 0.0000 | 0.7016 |
| Total | | 6.8692 | 0.4060 | 0.0000 | 17.0182 |

9.0 Operational Offroad

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

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

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

Boilers

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

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation

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Los Cerritos Wetlands Restoration - Operations only
Los Angeles-South Coast County, Summer

1.0 Project Characteristics**1.1 Land Usage**

| Land Uses | Size | Metric | Lot Acreage | Floor Surface Area | Population |
|-------------------------|--------|----------|-------------|--------------------|------------|
| General Office Building | 2.00 | 1000sqft | 0.05 | 2,000.00 | 0 |
| City Park | 503.00 | Acre | 503.00 | 21,910,680.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|----------------------------|----------------------------|----------------------------|-------|----------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 33 |
| Climate Zone | 9 | | | Operational Year | 2021 |
| Utility Company | Southern California Edison | | | | |
| CO2 Intensity (lb/MWhr) | 702.44 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use -

Construction Phase - no construction - operation only run

Off-road Equipment -

Vehicle Trips - LU 411 Public Park trip rates used from ITE Manuel 10th Edition

Water And Wastewater - Assume no water is pumped into wetland.

Land Use Change -

Water Mitigation - CalGreen 20% water reduction

Waste Mitigation - AB341

| Table Name | Column Name | Default Value | New Value |
|-------------------------|---------------------------------|---------------|-----------|
| tblArchitecturalCoating | EF_Nonresidential_Exterior | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Nonresidential_Interior | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Parking | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Residential_Exterior | 50.00 | 250.00 |
| tblArchitecturalCoating | EF_Residential_Interior | 50.00 | 250.00 |
| tblAreaCoating | Area_EF_Nonresidential_Exterior | 100 | 250 |
| tblAreaCoating | Area_EF_Nonresidential_Interior | 100 | 250 |
| tblAreaCoating | Area_EF_Parking | 100 | 250 |
| tblAreaCoating | Area_EF_Residential_Exterior | 50 | 250 |
| tblAreaCoating | Area_EF_Residential_Interior | 50 | 250 |
| tblConstructionPhase | NumDays | 660.00 | 1.00 |
| tblConstructionPhase | NumDays | 9,300.00 | 1.00 |
| tblConstructionPhase | NumDays | 600.00 | 1.00 |
| tblConstructionPhase | NumDays | 930.00 | 1.00 |
| tblConstructionPhase | NumDays | 660.00 | 1.00 |
| tblConstructionPhase | NumDays | 360.00 | 1.00 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|---------------------|--------|-------------|-------------|
| tblConsumerProducts | ROG_EF | 1.98E-05 | 2.14E-05 |
| tblFleetMix | HHD | 0.03 | 7.9665e-003 |
| tblFleetMix | HHD | 0.03 | 7.9665e-003 |
| tblFleetMix | LDA | 0.55 | 0.55 |
| tblFleetMix | LDA | 0.55 | 0.55 |
| tblFleetMix | LDT1 | 0.05 | 0.06 |
| tblFleetMix | LDT1 | 0.05 | 0.06 |
| tblFleetMix | LDT2 | 0.20 | 0.19 |
| tblFleetMix | LDT2 | 0.20 | 0.19 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD2 | 6.1430e-003 | 5.5430e-003 |
| tblFleetMix | LHD2 | 6.1430e-003 | 5.5430e-003 |
| tblFleetMix | MCY | 5.0780e-003 | 0.02 |
| tblFleetMix | MCY | 5.0780e-003 | 0.02 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MH | 8.9100e-004 | 3.4552e-003 |
| tblFleetMix | MH | 8.9100e-004 | 3.4552e-003 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | OBUS | 2.4790e-003 | 9.6716e-004 |
| tblFleetMix | OBUS | 2.4790e-003 | 9.6716e-004 |
| tblFleetMix | SBUS | 6.8200e-004 | 6.8104e-004 |
| tblFleetMix | SBUS | 6.8200e-004 | 6.8104e-004 |
| tblFleetMix | UBUS | 2.2700e-003 | 6.3170e-004 |
| tblFleetMix | UBUS | 2.2700e-003 | 6.3170e-004 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|-----------------------|------------------|----------|-------------|
| tblGrading | AcresOfGrading | 2.50 | 2,325.00 |
| tblLandscapeEquipment | NumberSummerDays | 250 | 180 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblVehicleEF | HHD | 0.65 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.09 | 5.3212e-007 |
| tblVehicleEF | HHD | 2.61 | 5.73 |
| tblVehicleEF | HHD | 1.16 | 0.77 |
| tblVehicleEF | HHD | 3.36 | 0.01 |
| tblVehicleEF | HHD | 4,729.35 | 1,160.01 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 21.63 | 6.50 |
| tblVehicleEF | HHD | 4.20 | 4.58 |
| tblVehicleEF | HHD | 19.57 | 1.76 |
| tblVehicleEF | HHD | 0.02 | 0.01 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.1100e-004 | 1.0257e-005 |
| tblVehicleEF | HHD | 4.8720e-003 | 4.3163e-004 |
| tblVehicleEF | HHD | 0.65 | 0.47 |
| tblVehicleEF | HHD | 8.3000e-005 | 7.1733e-006 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.3200e-004 | 2.2097e-003 |
| tblVehicleEF | HHD | 0.09 | 2.8089e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6100e-004 | 1.0936e-006 |
| tblVehicleEF | HHD | 1.1100e-004 | 1.0257e-005 |
| tblVehicleEF | HHD | 4.8720e-003 | 4.3163e-004 |
| tblVehicleEF | HHD | 0.76 | 0.54 |
| tblVehicleEF | HHD | 8.3000e-005 | 7.1733e-006 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.3200e-004 | 2.2097e-003 |
| tblVehicleEF | HHD | 0.10 | 3.0754e-006 |
| tblVehicleEF | HHD | 0.61 | 0.03 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 5.0957e-007 |
| tblVehicleEF | HHD | 1.90 | 5.57 |
| tblVehicleEF | HHD | 1.17 | 0.77 |
| tblVehicleEF | HHD | 3.19 | 0.01 |
| tblVehicleEF | HHD | 5,008.69 | 1,160.72 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 22.32 | 6.36 |
| tblVehicleEF | HHD | 3.97 | 4.34 |
| tblVehicleEF | HHD | 19.56 | 1.76 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.7000e-004 | 1.6157e-005 |
| tblVehicleEF | HHD | 4.9980e-003 | 4.3835e-004 |
| tblVehicleEF | HHD | 0.61 | 0.49 |
| tblVehicleEF | HHD | 1.2100e-004 | 1.1037e-005 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.2100e-004 | 2.1847e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.08 | 2.6976e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.5800e-004 | 1.0850e-006 |
| tblVehicleEF | HHD | 1.7000e-004 | 1.6157e-005 |
| tblVehicleEF | HHD | 4.9980e-003 | 4.3835e-004 |
| tblVehicleEF | HHD | 0.72 | 0.56 |
| tblVehicleEF | HHD | 1.2100e-004 | 1.1037e-005 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.2100e-004 | 2.1847e-003 |
| tblVehicleEF | HHD | 0.09 | 2.9536e-006 |
| tblVehicleEF | HHD | 0.70 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.09 | 5.3720e-007 |
| tblVehicleEF | HHD | 3.58 | 5.95 |
| tblVehicleEF | HHD | 1.16 | 0.77 |
| tblVehicleEF | HHD | 3.39 | 0.01 |
| tblVehicleEF | HHD | 4,343.58 | 1,159.03 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 20.67 | 6.69 |
| tblVehicleEF | HHD | 4.13 | 4.51 |
| tblVehicleEF | HHD | 19.57 | 1.76 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.1000e-004 | 1.0837e-005 |
| tblVehicleEF | HHD | 5.2380e-003 | 5.0906e-004 |
| tblVehicleEF | HHD | 0.70 | 0.45 |
| tblVehicleEF | HHD | 8.1000e-005 | 7.2029e-006 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.6800e-004 | 2.3389e-003 |
| tblVehicleEF | HHD | 0.09 | 2.8334e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6100e-004 | 1.0953e-006 |
| tblVehicleEF | HHD | 1.1000e-004 | 1.0837e-005 |
| tblVehicleEF | HHD | 5.2380e-003 | 5.0906e-004 |
| tblVehicleEF | HHD | 0.82 | 0.51 |
| tblVehicleEF | HHD | 8.1000e-005 | 7.2029e-006 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.6800e-004 | 2.3389e-003 |
| tblVehicleEF | HHD | 0.10 | 3.1023e-006 |
| tblVehicleEF | LDA | 5.9160e-003 | 4.0269e-003 |
| tblVehicleEF | LDA | 6.1880e-003 | 0.06 |
| tblVehicleEF | LDA | 0.71 | 0.86 |
| tblVehicleEF | LDA | 1.27 | 2.24 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 285.63 | 286.85 |
| tblVehicleEF | LDA | 59.19 | 56.49 |
| tblVehicleEF | LDA | 0.06 | 0.05 |
| tblVehicleEF | LDA | 0.08 | 0.21 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.01 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.23 |
| tblVehicleEF | LDA | 0.08 | 0.27 |
| tblVehicleEF | LDA | 2.8620e-003 | 2.8378e-003 |
| tblVehicleEF | LDA | 6.1400e-004 | 5.5902e-004 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.23 |
| tblVehicleEF | LDA | 0.09 | 0.30 |
| tblVehicleEF | LDA | 6.2800e-003 | 4.3047e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 5.4950e-003 | 0.05 |
| tblVehicleEF | LDA | 0.78 | 0.95 |
| tblVehicleEF | LDA | 1.09 | 1.90 |
| tblVehicleEF | LDA | 298.94 | 299.91 |
| tblVehicleEF | LDA | 59.19 | 55.86 |
| tblVehicleEF | LDA | 0.05 | 0.05 |
| tblVehicleEF | LDA | 0.07 | 0.19 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.22 |
| tblVehicleEF | LDA | 0.07 | 0.24 |
| tblVehicleEF | LDA | 2.9960e-003 | 2.9671e-003 |
| tblVehicleEF | LDA | 6.1000e-004 | 5.5280e-004 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.02 | 0.03 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 0.04 | 0.22 |
| tblVehicleEF | LDA | 0.08 | 0.27 |
| tblVehicleEF | LDA | 5.7950e-003 | 3.9414e-003 |
| tblVehicleEF | LDA | 6.3340e-003 | 0.06 |
| tblVehicleEF | LDA | 0.68 | 0.83 |
| tblVehicleEF | LDA | 1.31 | 2.31 |
| tblVehicleEF | LDA | 280.76 | 282.08 |
| tblVehicleEF | LDA | 59.19 | 56.63 |
| tblVehicleEF | LDA | 0.06 | 0.05 |
| tblVehicleEF | LDA | 0.08 | 0.21 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.12 | 0.13 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.01 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.09 | 0.28 |
| tblVehicleEF | LDA | 2.8130e-003 | 2.7906e-003 |
| tblVehicleEF | LDA | 6.1400e-004 | 5.6038e-004 |
| tblVehicleEF | LDA | 0.04 | 0.06 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDA | 0.12 | 0.13 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.09 | 0.31 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 1.84 | 1.85 |
| tblVehicleEF | LDT1 | 3.09 | 2.45 |
| tblVehicleEF | LDT1 | 351.43 | 336.46 |
| tblVehicleEF | LDT1 | 71.32 | 67.07 |
| tblVehicleEF | LDT1 | 0.17 | 0.16 |
| tblVehicleEF | LDT1 | 0.18 | 0.31 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.28 | 0.24 |
| tblVehicleEF | LDT1 | 0.11 | 0.13 |
| tblVehicleEF | LDT1 | 0.04 | 0.05 |
| tblVehicleEF | LDT1 | 0.18 | 0.83 |
| tblVehicleEF | LDT1 | 0.21 | 0.45 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 3.5380e-003 | 3.3294e-003 |
| tblVehicleEF | LDT1 | 7.6700e-004 | 6.6374e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.28 | 0.24 |
| tblVehicleEF | LDT1 | 0.11 | 0.13 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.18 | 0.83 |
| tblVehicleEF | LDT1 | 0.24 | 0.49 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.01 | 0.08 |
| tblVehicleEF | LDT1 | 1.99 | 2.01 |
| tblVehicleEF | LDT1 | 2.62 | 2.08 |
| tblVehicleEF | LDT1 | 366.73 | 349.70 |
| tblVehicleEF | LDT1 | 71.32 | 66.31 |
| tblVehicleEF | LDT1 | 0.15 | 0.14 |
| tblVehicleEF | LDT1 | 0.16 | 0.28 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |
| tblVehicleEF | LDT1 | 0.21 | 0.24 |
| tblVehicleEF | LDT1 | 0.30 | 0.25 |
| tblVehicleEF | LDT1 | 0.16 | 0.18 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.17 | 0.77 |
| tblVehicleEF | LDT1 | 0.19 | 0.39 |
| tblVehicleEF | LDT1 | 3.6940e-003 | 3.4605e-003 |
| tblVehicleEF | LDT1 | 7.5900e-004 | 6.5619e-004 |
| tblVehicleEF | LDT1 | 0.21 | 0.24 |
| tblVehicleEF | LDT1 | 0.30 | 0.25 |
| tblVehicleEF | LDT1 | 0.16 | 0.18 |
| tblVehicleEF | LDT1 | 0.07 | 0.07 |
| tblVehicleEF | LDT1 | 0.17 | 0.77 |
| tblVehicleEF | LDT1 | 0.21 | 0.43 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 1.79 | 1.79 |
| tblVehicleEF | LDT1 | 3.19 | 2.53 |
| tblVehicleEF | LDT1 | 345.81 | 331.61 |
| tblVehicleEF | LDT1 | 71.32 | 67.24 |
| tblVehicleEF | LDT1 | 0.17 | 0.16 |
| tblVehicleEF | LDT1 | 0.18 | 0.31 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.32 | 0.27 |
| tblVehicleEF | LDT1 | 0.11 | 0.12 |
| tblVehicleEF | LDT1 | 0.04 | 0.05 |
| tblVehicleEF | LDT1 | 0.21 | 0.98 |
| tblVehicleEF | LDT1 | 0.22 | 0.46 |
| tblVehicleEF | LDT1 | 3.4810e-003 | 3.2814e-003 |
| tblVehicleEF | LDT1 | 7.6900e-004 | 6.6538e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.32 | 0.27 |
| tblVehicleEF | LDT1 | 0.11 | 0.12 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.21 | 0.98 |
| tblVehicleEF | LDT1 | 0.24 | 0.50 |
| tblVehicleEF | LDT2 | 7.8740e-003 | 6.3478e-003 |
| tblVehicleEF | LDT2 | 7.2440e-003 | 0.08 |
| tblVehicleEF | LDT2 | 0.90 | 1.24 |
| tblVehicleEF | LDT2 | 1.49 | 2.87 |
| tblVehicleEF | LDT2 | 395.42 | 367.68 |
| tblVehicleEF | LDT2 | 80.68 | 73.77 |
| tblVehicleEF | LDT2 | 0.09 | 0.12 |
| tblVehicleEF | LDT2 | 0.12 | 0.35 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.14 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.45 |
| tblVehicleEF | LDT2 | 0.10 | 0.38 |
| tblVehicleEF | LDT2 | 3.9620e-003 | 3.6376e-003 |
| tblVehicleEF | LDT2 | 8.3200e-004 | 7.3003e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.14 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.06 | 0.45 |
| tblVehicleEF | LDT2 | 0.11 | 0.42 |
| tblVehicleEF | LDT2 | 8.3450e-003 | 6.7606e-003 |
| tblVehicleEF | LDT2 | 6.4440e-003 | 0.07 |
| tblVehicleEF | LDT2 | 0.99 | 1.36 |
| tblVehicleEF | LDT2 | 1.27 | 2.44 |
| tblVehicleEF | LDT2 | 413.17 | 380.97 |
| tblVehicleEF | LDT2 | 80.68 | 72.95 |
| tblVehicleEF | LDT2 | 0.08 | 0.10 |
| tblVehicleEF | LDT2 | 0.11 | 0.32 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.07 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.15 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.42 |
| tblVehicleEF | LDT2 | 0.09 | 0.34 |
| tblVehicleEF | LDT2 | 4.1400e-003 | 3.7691e-003 |
| tblVehicleEF | LDT2 | 8.2800e-004 | 7.2192e-004 |
| tblVehicleEF | LDT2 | 0.07 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.15 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.06 | 0.42 |
| tblVehicleEF | LDT2 | 0.10 | 0.37 |
| tblVehicleEF | LDT2 | 7.7190e-003 | 6.2197e-003 |
| tblVehicleEF | LDT2 | 7.4150e-003 | 0.08 |
| tblVehicleEF | LDT2 | 0.87 | 1.20 |
| tblVehicleEF | LDT2 | 1.54 | 2.96 |
| tblVehicleEF | LDT2 | 388.90 | 362.81 |
| tblVehicleEF | LDT2 | 80.68 | 73.95 |
| tblVehicleEF | LDT2 | 0.09 | 0.11 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 0.12 | 0.35 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.04 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.07 | 0.52 |
| tblVehicleEF | LDT2 | 0.10 | 0.39 |
| tblVehicleEF | LDT2 | 3.8960e-003 | 3.5895e-003 |
| tblVehicleEF | LDT2 | 8.3300e-004 | 7.3182e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.04 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.07 | 0.52 |
| tblVehicleEF | LDT2 | 0.11 | 0.43 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0724e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.3245e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.94 | 0.86 |
| tblVehicleEF | LHD1 | 3.04 | 1.27 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |
| tblVehicleEF | LHD1 | 612.93 | 694.09 |
| tblVehicleEF | LHD1 | 34.52 | 13.36 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 1.05 | 0.84 |
| tblVehicleEF | LHD1 | 1.07 | 0.38 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 3.3130e-003 | 2.9887e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.9910e-003 | 1.7702e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.32 | 0.64 |
| tblVehicleEF | LHD1 | 0.29 | 0.10 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0260e-003 | 6.7874e-003 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 4.0200e-004 | 1.3218e-004 |
| tblVehicleEF | LHD1 | 3.3130e-003 | 2.9887e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 1.9910e-003 | 1.7702e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.32 | 0.64 |
| tblVehicleEF | LHD1 | 0.32 | 0.11 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0856e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.4711e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 0.96 | 0.87 |
| tblVehicleEF | LHD1 | 2.90 | 1.21 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |
| tblVehicleEF | LHD1 | 612.93 | 694.11 |
| tblVehicleEF | LHD1 | 34.52 | 13.25 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 0.98 | 0.79 |
| tblVehicleEF | LHD1 | 1.03 | 0.36 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 4.9680e-003 | 4.5016e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.5256e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.31 | 0.62 |
| tblVehicleEF | LHD1 | 0.28 | 0.09 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0270e-003 | 6.7877e-003 |
| tblVehicleEF | LHD1 | 3.9900e-004 | 1.3115e-004 |
| tblVehicleEF | LHD1 | 4.9680e-003 | 4.5016e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.5256e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.31 | 0.62 |
| tblVehicleEF | LHD1 | 0.31 | 0.10 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0700e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.2867e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 0.94 | 0.86 |
| tblVehicleEF | LHD1 | 3.06 | 1.28 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 612.93 | 694.08 |
| tblVehicleEF | LHD1 | 34.52 | 13.37 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 1.03 | 0.83 |
| tblVehicleEF | LHD1 | 1.08 | 0.38 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 3.5020e-003 | 3.1837e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.9650e-003 | 1.7527e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.34 | 0.70 |
| tblVehicleEF | LHD1 | 0.30 | 0.10 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0260e-003 | 6.7873e-003 |
| tblVehicleEF | LHD1 | 4.0200e-004 | 1.3235e-004 |
| tblVehicleEF | LHD1 | 3.5020e-003 | 3.1837e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 1.9650e-003 | 1.7527e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.34 | 0.70 |
| tblVehicleEF | LHD1 | 0.32 | 0.11 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3356e-003 |
| tblVehicleEF | LHD2 | 5.0230e-003 | 5.0611e-003 |
| tblVehicleEF | LHD2 | 9.9030e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.39 | 0.58 |
| tblVehicleEF | LHD2 | 1.51 | 0.88 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.37 |
| tblVehicleEF | LHD2 | 28.89 | 10.49 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.76 | 1.11 |
| tblVehicleEF | LHD2 | 0.61 | 0.27 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 1.2670e-003 | 1.8884e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 8.0900e-004 | 1.1221e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.10 | 0.43 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7497e-003 |
| tblVehicleEF | LHD2 | 3.1600e-004 | 1.0382e-004 |
| tblVehicleEF | LHD2 | 1.2670e-003 | 1.8884e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 8.0900e-004 | 1.1221e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.10 | 0.43 |
| tblVehicleEF | LHD2 | 0.15 | 0.07 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3451e-003 |
| tblVehicleEF | LHD2 | 5.0980e-003 | 5.1274e-003 |
| tblVehicleEF | LHD2 | 9.5540e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.40 | 0.58 |
| tblVehicleEF | LHD2 | 1.44 | 0.84 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.38 |
| tblVehicleEF | LHD2 | 28.89 | 10.42 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.72 | 1.05 |
| tblVehicleEF | LHD2 | 0.58 | 0.26 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |
| tblVehicleEF | LHD2 | 1.8880e-003 | 2.8213e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.5879e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.09 | 0.42 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7498e-003 |
| tblVehicleEF | LHD2 | 3.1500e-004 | 1.0310e-004 |
| tblVehicleEF | LHD2 | 1.8880e-003 | 2.8213e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.5879e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.09 | 0.42 |
| tblVehicleEF | LHD2 | 0.14 | 0.07 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3338e-003 |
| tblVehicleEF | LHD2 | 5.0030e-003 | 5.0440e-003 |
| tblVehicleEF | LHD2 | 9.9730e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.39 | 0.57 |
| tblVehicleEF | LHD2 | 1.52 | 0.89 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.37 |
| tblVehicleEF | LHD2 | 28.89 | 10.50 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.75 | 1.09 |
| tblVehicleEF | LHD2 | 0.61 | 0.27 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |
| tblVehicleEF | LHD2 | 1.3050e-003 | 1.9885e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 7.8800e-004 | 1.0961e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.10 | 0.47 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7497e-003 |
| tblVehicleEF | LHD2 | 3.1700e-004 | 1.0394e-004 |
| tblVehicleEF | LHD2 | 1.3050e-003 | 1.9885e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 7.8800e-004 | 1.0961e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.10 | 0.47 |
| tblVehicleEF | LHD2 | 0.15 | 0.07 |
| tblVehicleEF | MCY | 0.53 | 0.38 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 19.20 | 19.84 |
| tblVehicleEF | MCY | 9.64 | 8.48 |
| tblVehicleEF | MCY | 188.47 | 223.17 |
| tblVehicleEF | MCY | 44.88 | 60.40 |
| tblVehicleEF | MCY | 1.13 | 1.14 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.07 | 1.10 |
| tblVehicleEF | MCY | 0.65 | 0.70 |
| tblVehicleEF | MCY | 0.65 | 0.69 |
| tblVehicleEF | MCY | 2.61 | 2.65 |
| tblVehicleEF | MCY | 0.62 | 2.17 |
| tblVehicleEF | MCY | 2.06 | 1.84 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2085e-003 |
| tblVehicleEF | MCY | 6.6700e-004 | 5.9774e-004 |
| tblVehicleEF | MCY | 1.07 | 1.10 |
| tblVehicleEF | MCY | 0.65 | 0.70 |
| tblVehicleEF | MCY | 0.65 | 0.69 |
| tblVehicleEF | MCY | 3.25 | 3.27 |
| tblVehicleEF | MCY | 0.62 | 2.17 |
| tblVehicleEF | MCY | 2.24 | 2.00 |
| tblVehicleEF | MCY | 0.52 | 0.38 |
| tblVehicleEF | MCY | 0.13 | 0.21 |
| tblVehicleEF | MCY | 18.48 | 19.07 |
| tblVehicleEF | MCY | 8.82 | 7.74 |
| tblVehicleEF | MCY | 188.47 | 221.70 |
| tblVehicleEF | MCY | 44.88 | 58.50 |
| tblVehicleEF | MCY | 0.99 | 0.99 |
| tblVehicleEF | MCY | 0.29 | 0.25 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |

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| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.73 | 1.79 |
| tblVehicleEF | MCY | 0.71 | 0.77 |
| tblVehicleEF | MCY | 1.08 | 1.13 |
| tblVehicleEF | MCY | 2.55 | 2.58 |
| tblVehicleEF | MCY | 0.58 | 2.04 |
| tblVehicleEF | MCY | 1.84 | 1.63 |
| tblVehicleEF | MCY | 2.2640e-003 | 2.1939e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 5.7891e-004 |
| tblVehicleEF | MCY | 1.73 | 1.79 |
| tblVehicleEF | MCY | 0.71 | 0.77 |
| tblVehicleEF | MCY | 1.08 | 1.13 |
| tblVehicleEF | MCY | 3.17 | 3.18 |
| tblVehicleEF | MCY | 0.58 | 2.04 |
| tblVehicleEF | MCY | 2.00 | 1.77 |
| tblVehicleEF | MCY | 0.54 | 0.38 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 19.30 | 19.94 |
| tblVehicleEF | MCY | 9.78 | 8.61 |
| tblVehicleEF | MCY | 188.47 | 223.39 |
| tblVehicleEF | MCY | 44.88 | 60.73 |
| tblVehicleEF | MCY | 1.11 | 1.11 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 0.31 | 0.27 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.16 | 1.20 |
| tblVehicleEF | MCY | 0.84 | 0.90 |
| tblVehicleEF | MCY | 0.62 | 0.66 |
| tblVehicleEF | MCY | 2.62 | 2.66 |
| tblVehicleEF | MCY | 0.71 | 2.49 |
| tblVehicleEF | MCY | 2.10 | 1.88 |
| tblVehicleEF | MCY | 2.2800e-003 | 2.2106e-003 |
| tblVehicleEF | MCY | 6.7100e-004 | 6.0100e-004 |
| tblVehicleEF | MCY | 1.16 | 1.20 |
| tblVehicleEF | MCY | 0.84 | 0.90 |
| tblVehicleEF | MCY | 0.62 | 0.66 |
| tblVehicleEF | MCY | 3.26 | 3.28 |
| tblVehicleEF | MCY | 0.71 | 2.49 |
| tblVehicleEF | MCY | 2.29 | 2.05 |
| tblVehicleEF | MDV | 0.02 | 9.2696e-003 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 1.56 | 1.64 |
| tblVehicleEF | MDV | 2.79 | 3.50 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 528.65 | 449.45 |
| tblVehicleEF | MDV | 106.35 | 89.79 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.25 | 0.43 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.16 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.04 | 0.05 |
| tblVehicleEF | MDV | 0.09 | 0.48 |
| tblVehicleEF | MDV | 0.22 | 0.50 |
| tblVehicleEF | MDV | 5.2990e-003 | 4.4442e-003 |
| tblVehicleEF | MDV | 1.1130e-003 | 8.8857e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.16 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.06 | 0.06 |
| tblVehicleEF | MDV | 0.09 | 0.48 |
| tblVehicleEF | MDV | 0.24 | 0.54 |
| tblVehicleEF | MDV | 0.02 | 9.7459e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.01 | 0.09 |
| tblVehicleEF | MDV | 1.69 | 1.77 |
| tblVehicleEF | MDV | 2.39 | 2.98 |
| tblVehicleEF | MDV | 551.85 | 463.58 |
| tblVehicleEF | MDV | 106.35 | 88.78 |
| tblVehicleEF | MDV | 0.15 | 0.14 |
| tblVehicleEF | MDV | 0.23 | 0.39 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.11 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.10 | 0.14 |
| tblVehicleEF | MDV | 0.05 | 0.05 |
| tblVehicleEF | MDV | 0.08 | 0.44 |
| tblVehicleEF | MDV | 0.19 | 0.44 |
| tblVehicleEF | MDV | 5.5330e-003 | 4.5840e-003 |
| tblVehicleEF | MDV | 1.1050e-003 | 8.7855e-004 |
| tblVehicleEF | MDV | 0.11 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.10 | 0.14 |
| tblVehicleEF | MDV | 0.06 | 0.06 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.08 | 0.44 |
| tblVehicleEF | MDV | 0.21 | 0.48 |
| tblVehicleEF | MDV | 0.01 | 9.1128e-003 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 1.52 | 1.59 |
| tblVehicleEF | MDV | 2.88 | 3.61 |
| tblVehicleEF | MDV | 520.14 | 444.29 |
| tblVehicleEF | MDV | 106.35 | 90.01 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.26 | 0.43 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.17 | 0.17 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 0.11 | 0.55 |
| tblVehicleEF | MDV | 0.22 | 0.51 |
| tblVehicleEF | MDV | 5.2130e-003 | 4.3931e-003 |
| tblVehicleEF | MDV | 1.1140e-003 | 8.9074e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |

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| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.17 | 0.17 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.06 | 0.06 |
| tblVehicleEF | MDV | 0.11 | 0.55 |
| tblVehicleEF | MDV | 0.24 | 0.56 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.77 | 1.93 |
| tblVehicleEF | MH | 6.41 | 2.41 |
| tblVehicleEF | MH | 1,135.33 | 1,557.81 |
| tblVehicleEF | MH | 61.01 | 20.79 |
| tblVehicleEF | MH | 1.17 | 1.25 |
| tblVehicleEF | MH | 0.85 | 0.25 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |
| tblVehicleEF | MH | 1.07 | 1.06 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.45 | 0.43 |
| tblVehicleEF | MH | 0.10 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.82 |
| tblVehicleEF | MH | 0.36 | 0.11 |

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|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.2200e-004 | 2.0577e-004 |
| tblVehicleEF | MH | 1.07 | 1.06 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.45 | 0.43 |
| tblVehicleEF | MH | 0.14 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.82 |
| tblVehicleEF | MH | 0.40 | 0.12 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.02 |
| tblVehicleEF | MH | 2.85 | 1.97 |
| tblVehicleEF | MH | 6.02 | 2.27 |
| tblVehicleEF | MH | 1,135.33 | 1,557.88 |
| tblVehicleEF | MH | 61.01 | 20.56 |
| tblVehicleEF | MH | 1.07 | 1.15 |
| tblVehicleEF | MH | 0.82 | 0.24 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |
| tblVehicleEF | MH | 1.58 | 1.57 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.65 | 0.62 |

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|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.11 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.78 |
| tblVehicleEF | MH | 0.35 | 0.11 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.1500e-004 | 2.0342e-004 |
| tblVehicleEF | MH | 1.58 | 1.57 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.65 | 0.62 |
| tblVehicleEF | MH | 0.15 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.78 |
| tblVehicleEF | MH | 0.38 | 0.12 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.74 | 1.92 |
| tblVehicleEF | MH | 6.46 | 2.43 |
| tblVehicleEF | MH | 1,135.33 | 1,557.79 |
| tblVehicleEF | MH | 61.01 | 20.83 |
| tblVehicleEF | MH | 1.15 | 1.22 |
| tblVehicleEF | MH | 0.86 | 0.25 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MH | 1.21 | 1.21 |
| tblVehicleEF | MH | 0.09 | 0.09 |
| tblVehicleEF | MH | 0.46 | 0.44 |
| tblVehicleEF | MH | 0.10 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.92 |
| tblVehicleEF | MH | 0.37 | 0.11 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.2200e-004 | 2.0615e-004 |
| tblVehicleEF | MH | 1.21 | 1.21 |
| tblVehicleEF | MH | 0.09 | 0.09 |
| tblVehicleEF | MH | 0.46 | 0.44 |
| tblVehicleEF | MH | 0.14 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.92 |
| tblVehicleEF | MH | 0.40 | 0.12 |
| tblVehicleEF | MHD | 0.02 | 4.4568e-003 |
| tblVehicleEF | MHD | 5.7010e-003 | 9.4687e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.39 | 0.40 |
| tblVehicleEF | MHD | 0.42 | 0.87 |
| tblVehicleEF | MHD | 6.85 | 1.61 |
| tblVehicleEF | MHD | 131.02 | 70.09 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.05 |
| tblVehicleEF | MHD | 65.08 | 12.73 |
| tblVehicleEF | MHD | 0.52 | 0.62 |
| tblVehicleEF | MHD | 1.23 | 2.74 |
| tblVehicleEF | MHD | 9.82 | 1.00 |
| tblVehicleEF | MHD | 2.8600e-004 | 2.2441e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 2.7300e-004 | 2.1470e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.2390e-003 | 8.0244e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 7.9100e-004 | 4.9398e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.02 | 0.17 |
| tblVehicleEF | MHD | 0.42 | 0.07 |
| tblVehicleEF | MHD | 1.2630e-003 | 6.6609e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.7100e-004 | 1.2593e-004 |
| tblVehicleEF | MHD | 1.2390e-003 | 8.0244e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 7.9100e-004 | 4.9398e-004 |
| tblVehicleEF | MHD | 0.06 | 0.17 |
| tblVehicleEF | MHD | 0.02 | 0.17 |
| tblVehicleEF | MHD | 0.46 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.2175e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 5.7940e-003 | 9.5490e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.28 | 0.31 |
| tblVehicleEF | MHD | 0.43 | 0.88 |
| tblVehicleEF | MHD | 6.50 | 1.53 |
| tblVehicleEF | MHD | 138.77 | 71.71 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.06 |
| tblVehicleEF | MHD | 65.08 | 12.59 |
| tblVehicleEF | MHD | 0.53 | 0.63 |
| tblVehicleEF | MHD | 1.16 | 2.58 |
| tblVehicleEF | MHD | 9.78 | 0.99 |
| tblVehicleEF | MHD | 2.4100e-004 | 1.8940e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 2.3000e-004 | 1.8121e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.8580e-003 | 1.2079e-003 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 1.1240e-003 | 7.1030e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.02 | 0.16 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.40 | 0.07 |
| tblVehicleEF | MHD | 1.3360e-003 | 6.8157e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.6500e-004 | 1.2455e-004 |
| tblVehicleEF | MHD | 1.8580e-003 | 1.2079e-003 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 1.1240e-003 | 7.1030e-004 |
| tblVehicleEF | MHD | 0.06 | 0.18 |
| tblVehicleEF | MHD | 0.02 | 0.16 |
| tblVehicleEF | MHD | 0.44 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.7993e-003 |
| tblVehicleEF | MHD | 5.6760e-003 | 9.4448e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.53 | 0.51 |
| tblVehicleEF | MHD | 0.42 | 0.86 |
| tblVehicleEF | MHD | 6.91 | 1.63 |
| tblVehicleEF | MHD | 120.30 | 67.85 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.04 |
| tblVehicleEF | MHD | 65.08 | 12.75 |
| tblVehicleEF | MHD | 0.49 | 0.61 |
| tblVehicleEF | MHD | 1.21 | 2.69 |
| tblVehicleEF | MHD | 9.83 | 1.00 |
| tblVehicleEF | MHD | 3.4800e-004 | 2.7274e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 3.3300e-004 | 2.6095e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.2900e-003 | 8.4856e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.03 |
| tblVehicleEF | MHD | 7.7500e-004 | 4.8721e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.42 | 0.07 |
| tblVehicleEF | MHD | 1.1630e-003 | 6.4466e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.7200e-004 | 1.2619e-004 |
| tblVehicleEF | MHD | 1.2900e-003 | 8.4856e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.04 |
| tblVehicleEF | MHD | 7.7500e-004 | 4.8721e-004 |
| tblVehicleEF | MHD | 0.06 | 0.17 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.46 | 0.08 |
| tblVehicleEF | OBUS | 0.01 | 9.0528e-003 |
| tblVehicleEF | OBUS | 8.8720e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.29 | 0.61 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.60 | 1.25 |
| tblVehicleEF | OBUS | 5.75 | 2.54 |
| tblVehicleEF | OBUS | 111.80 | 98.82 |
| tblVehicleEF | OBUS | 1,266.65 | 1,458.58 |
| tblVehicleEF | OBUS | 68.32 | 19.86 |
| tblVehicleEF | OBUS | 0.58 | 0.71 |
| tblVehicleEF | OBUS | 1.73 | 2.50 |
| tblVehicleEF | OBUS | 2.63 | 0.62 |
| tblVehicleEF | OBUS | 2.0400e-004 | 3.3787e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 1.9500e-004 | 3.2325e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 1.4710e-003 | 1.8693e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 7.7800e-004 | 9.3362e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.14 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 1.0790e-003 | 9.3986e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 7.8400e-004 | 1.9655e-004 |
| tblVehicleEF | OBUS | 1.4710e-003 | 1.8693e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 7.7800e-004 | 9.3362e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.39 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 9.0475e-003 |
| tblVehicleEF | OBUS | 9.0250e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.27 | 0.57 |
| tblVehicleEF | OBUS | 0.61 | 1.27 |
| tblVehicleEF | OBUS | 5.43 | 2.40 |
| tblVehicleEF | OBUS | 117.45 | 100.02 |
| tblVehicleEF | OBUS | 1,266.65 | 1,458.61 |
| tblVehicleEF | OBUS | 68.32 | 19.62 |
| tblVehicleEF | OBUS | 0.60 | 0.72 |
| tblVehicleEF | OBUS | 1.63 | 2.35 |
| tblVehicleEF | OBUS | 2.59 | 0.61 |
| tblVehicleEF | OBUS | 1.7200e-004 | 2.8530e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 1.6400e-004 | 2.7296e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 2.1550e-003 | 2.7285e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 1.1010e-003 | 1.3226e-003 |
| tblVehicleEF | OBUS | 0.07 | 0.15 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.35 | 0.12 |
| tblVehicleEF | OBUS | 1.1330e-003 | 9.5128e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.7900e-004 | 1.9419e-004 |
| tblVehicleEF | OBUS | 2.1550e-003 | 2.7285e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.09 |
| tblVehicleEF | OBUS | 1.1010e-003 | 1.3226e-003 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.38 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 9.0785e-003 |
| tblVehicleEF | OBUS | 8.8310e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.31 | 0.66 |
| tblVehicleEF | OBUS | 0.60 | 1.24 |
| tblVehicleEF | OBUS | 5.81 | 2.56 |
| tblVehicleEF | OBUS | 104.00 | 97.15 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 1,266.65 | 1,458.57 |
| tblVehicleEF | OBUS | 68.32 | 19.91 |
| tblVehicleEF | OBUS | 0.56 | 0.71 |
| tblVehicleEF | OBUS | 1.70 | 2.46 |
| tblVehicleEF | OBUS | 2.64 | 0.62 |
| tblVehicleEF | OBUS | 2.4800e-004 | 4.1047e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 2.3700e-004 | 3.9271e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 1.5180e-003 | 1.9793e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 7.5800e-004 | 9.2118e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.14 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 1.0040e-003 | 9.2410e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.8500e-004 | 1.9702e-004 |
| tblVehicleEF | OBUS | 1.5180e-003 | 1.9793e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 7.5800e-004 | 9.2118e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.40 | 0.14 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 7.9517e-003 |
| tblVehicleEF | SBUS | 0.07 | 5.5911e-003 |
| tblVehicleEF | SBUS | 8.04 | 2.47 |
| tblVehicleEF | SBUS | 0.79 | 0.66 |
| tblVehicleEF | SBUS | 7.53 | 0.78 |
| tblVehicleEF | SBUS | 1,136.99 | 350.96 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.40 |
| tblVehicleEF | SBUS | 53.57 | 4.74 |
| tblVehicleEF | SBUS | 9.91 | 3.43 |
| tblVehicleEF | SBUS | 4.55 | 5.48 |
| tblVehicleEF | SBUS | 12.42 | 0.77 |
| tblVehicleEF | SBUS | 0.01 | 5.0981e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 0.01 | 4.8776e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 3.3870e-003 | 8.4800e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.2494e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |
| tblVehicleEF | SBUS | 1.7160e-003 | 4.2965e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.40 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.3445e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.6600e-004 | 4.6882e-005 |
| tblVehicleEF | SBUS | 3.3870e-003 | 8.4800e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.2494e-003 |
| tblVehicleEF | SBUS | 1.40 | 0.40 |
| tblVehicleEF | SBUS | 1.7160e-003 | 4.2965e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.43 | 0.04 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 8.0370e-003 |
| tblVehicleEF | SBUS | 0.06 | 4.9797e-003 |
| tblVehicleEF | SBUS | 7.92 | 2.43 |
| tblVehicleEF | SBUS | 0.80 | 0.67 |
| tblVehicleEF | SBUS | 6.11 | 0.64 |
| tblVehicleEF | SBUS | 1,188.84 | 360.21 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.41 |
| tblVehicleEF | SBUS | 53.57 | 4.49 |
| tblVehicleEF | SBUS | 10.22 | 3.51 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 4.29 | 5.17 |
| tblVehicleEF | SBUS | 12.39 | 0.77 |
| tblVehicleEF | SBUS | 9.0250e-003 | 4.3047e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 8.6350e-003 | 4.1185e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |
| tblVehicleEF | SBUS | 4.9940e-003 | 1.2331e-003 |
| tblVehicleEF | SBUS | 0.03 | 7.3700e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |
| tblVehicleEF | SBUS | 2.4540e-003 | 6.0281e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.35 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.4320e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.4200e-004 | 4.4468e-005 |
| tblVehicleEF | SBUS | 4.9940e-003 | 1.2331e-003 |
| tblVehicleEF | SBUS | 0.03 | 7.3700e-003 |
| tblVehicleEF | SBUS | 1.39 | 0.40 |
| tblVehicleEF | SBUS | 2.4540e-003 | 6.0281e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.38 | 0.03 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 7.9268e-003 |
| tblVehicleEF | SBUS | 0.07 | 5.7268e-003 |
| tblVehicleEF | SBUS | 8.21 | 2.53 |
| tblVehicleEF | SBUS | 0.78 | 0.66 |
| tblVehicleEF | SBUS | 7.78 | 0.81 |
| tblVehicleEF | SBUS | 1,065.38 | 338.18 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.39 |
| tblVehicleEF | SBUS | 53.57 | 4.78 |
| tblVehicleEF | SBUS | 9.47 | 3.32 |
| tblVehicleEF | SBUS | 4.47 | 5.39 |
| tblVehicleEF | SBUS | 12.43 | 0.77 |
| tblVehicleEF | SBUS | 0.01 | 6.1938e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 0.01 | 5.9258e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |
| tblVehicleEF | SBUS | 3.5050e-003 | 8.8218e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.8209e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 1.6510e-003 | 4.1639e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.02 | 0.06 |
| tblVehicleEF | SBUS | 0.40 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.2238e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.7000e-004 | 4.7323e-005 |
| tblVehicleEF | SBUS | 3.5050e-003 | 8.8218e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.8209e-003 |
| tblVehicleEF | SBUS | 1.40 | 0.41 |
| tblVehicleEF | SBUS | 1.6510e-003 | 4.1639e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.02 | 0.06 |
| tblVehicleEF | SBUS | 0.44 | 0.04 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.79 | 42.44 |
| tblVehicleEF | UBUS | 8.90 | 0.71 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.66 |
| tblVehicleEF | UBUS | 10.68 | 1.20 |
| tblVehicleEF | UBUS | 15.66 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 4.1600e-003 | 5.6311e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.6043e-003 |
| tblVehicleEF | UBUS | 2.3580e-003 | 4.4793e-004 |
| tblVehicleEF | UBUS | 0.90 | 0.15 |
| tblVehicleEF | UBUS | 0.02 | 0.05 |
| tblVehicleEF | UBUS | 0.67 | 0.05 |
| tblVehicleEF | UBUS | 9.9290e-003 | 1.5960e-003 |
| tblVehicleEF | UBUS | 1.0860e-003 | 8.5721e-005 |
| tblVehicleEF | UBUS | 4.1600e-003 | 5.6311e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.6043e-003 |
| tblVehicleEF | UBUS | 2.3580e-003 | 4.4793e-004 |
| tblVehicleEF | UBUS | 3.79 | 6.37 |
| tblVehicleEF | UBUS | 0.02 | 0.05 |
| tblVehicleEF | UBUS | 0.73 | 0.05 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.84 | 42.44 |
| tblVehicleEF | UBUS | 7.71 | 0.62 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.52 |
| tblVehicleEF | UBUS | 10.07 | 1.20 |
| tblVehicleEF | UBUS | 15.61 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 5.9260e-003 | 8.2288e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.8577e-003 |
| tblVehicleEF | UBUS | 3.2450e-003 | 6.2256e-004 |
| tblVehicleEF | UBUS | 0.91 | 0.15 |
| tblVehicleEF | UBUS | 0.02 | 0.04 |
| tblVehicleEF | UBUS | 0.61 | 0.04 |
| tblVehicleEF | UBUS | 9.9300e-003 | 1.5961e-003 |
| tblVehicleEF | UBUS | 1.0650e-003 | 8.4268e-005 |
| tblVehicleEF | UBUS | 5.9260e-003 | 8.2288e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.8577e-003 |
| tblVehicleEF | UBUS | 3.2450e-003 | 6.2256e-004 |
| tblVehicleEF | UBUS | 3.80 | 6.37 |
| tblVehicleEF | UBUS | 0.02 | 0.04 |
| tblVehicleEF | UBUS | 0.67 | 0.05 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.77 | 42.44 |
| tblVehicleEF | UBUS | 9.11 | 0.72 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.69 |
| tblVehicleEF | UBUS | 10.47 | 1.20 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|-----------------|--------|-------------|-------------|
| tblVehicleEF | UBUS | 15.67 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 4.7460e-003 | 5.5071e-004 |
| tblVehicleEF | UBUS | 0.09 | 8.1194e-003 |
| tblVehicleEF | UBUS | 2.4840e-003 | 4.2610e-004 |
| tblVehicleEF | UBUS | 0.90 | 0.15 |
| tblVehicleEF | UBUS | 0.03 | 0.06 |
| tblVehicleEF | UBUS | 0.68 | 0.05 |
| tblVehicleEF | UBUS | 9.9290e-003 | 1.5960e-003 |
| tblVehicleEF | UBUS | 1.0900e-003 | 8.6004e-005 |
| tblVehicleEF | UBUS | 4.7460e-003 | 5.5071e-004 |
| tblVehicleEF | UBUS | 0.09 | 8.1194e-003 |
| tblVehicleEF | UBUS | 2.4840e-003 | 4.2610e-004 |
| tblVehicleEF | UBUS | 3.78 | 6.37 |
| tblVehicleEF | UBUS | 0.03 | 0.06 |
| tblVehicleEF | UBUS | 0.75 | 0.05 |
| tblVehicleTrips | CC_TL | 8.40 | 7.30 |
| tblVehicleTrips | CC_TL | 8.40 | 7.30 |
| tblVehicleTrips | CNW_TL | 6.90 | 7.30 |
| tblVehicleTrips | CNW_TL | 6.90 | 7.30 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | | | |
|-----------------|---------------------|----------------|------|
| tblVehicleTrips | CW_TL | 16.60 | 9.50 |
| tblVehicleTrips | CW_TL | 16.60 | 9.50 |
| tblVehicleTrips | ST_TR | 22.75 | 1.96 |
| tblVehicleTrips | ST_TR | 2.46 | 1.96 |
| tblVehicleTrips | SU_TR | 16.74 | 2.19 |
| tblVehicleTrips | SU_TR | 1.05 | 2.19 |
| tblVehicleTrips | WD_TR | 1.89 | 0.78 |
| tblVehicleTrips | WD_TR | 11.03 | 0.78 |
| tblWater | OutdoorWaterUseRate | 599,315,118.88 | 0.00 |

2.0 Emissions Summary

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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 | | | | | |
| 2020 | 3.3673 | 33.2382 | 22.2516 | 0.0401 | 0.1232 | 1.6598 | 1.7830 | 0.0327 | 1.5428 | 1.5755 | 0.0000 | 3,878.2410 | 3,878.2410 | 1.0621 | 0.0000 | 3,904.7940 |
| 2022 | 3.2278 | 33.1198 | 20.2047 | 0.0395 | 18.2141 | 1.6138 | 19.8279 | 9.9699 | 1.4847 | 11.4546 | 0.0000 | 3,832.3995 | 3,832.3995 | 1.1962 | 0.0000 | 3,862.3055 |
| 2023 | 3.3818 | 34.5520 | 28.5696 | 0.0637 | 2,471.8498 | 1.4258 | 2,473.2755 | 269.5876 | 1.3117 | 270.8993 | 0.0000 | 6,168.1235 | 6,168.1235 | 1.9483 | 0.0000 | 6,216.8319 |
| 2027 | 30.9669 | 272.3474 | 269.9438 | 1.5607 | 99.9212 | 1.3340 | 101.2552 | 27.0548 | 1.2485 | 28.3033 | 0.0000 | 162,453.2255 | 162,453.2255 | 6.7826 | 0.0000 | 162,622.7898 |
| 2062 | 1.0112 | 3.6566 | 15.8177 | 0.0281 | 0.1071 | 0.1164 | 0.2235 | 0.0263 | 0.1164 | 0.1427 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | 0.0000 | 2,658.7489 |
| 2065 | 92.8149 | 0.7270 | 1.7923 | 2.9700e-003 | 13.1436 | 7.4300e-003 | 13.1511 | 3.2262 | 7.4300e-003 | 3.2336 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | 0.0000 | 281.6957 |
| Maximum | 92.8149 | 272.3474 | 269.9438 | 1.5607 | 2,471.8498 | 1.6598 | 2,473.2755 | 269.5876 | 1.5428 | 270.8993 | 0.0000 | 162,453.2255 | 162,453.2255 | 6.7826 | 0.0000 | 162,622.7898 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

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 | | | | | | |
| 2020 | 3.3673 | 33.2382 | 22.2516 | 0.0401 | 0.1232 | 1.6598 | 1.7830 | 0.0327 | 1.5428 | 1.5755 | 0.0000 | 3,878.2410 | 3,878.2410 | 1.0621 | 0.0000 | 3,904.7940 | |
| 2022 | 3.2278 | 33.1198 | 20.2047 | 0.0395 | 18.2141 | 1.6138 | 19.8279 | 9.9699 | 1.4847 | 11.4546 | 0.0000 | 3,832.3995 | 3,832.3995 | 1.1962 | 0.0000 | 3,862.3055 | |
| 2023 | 3.3818 | 34.5520 | 28.5696 | 0.0637 | 2,471.8498 | 1.4258 | 2,473.2755 | 269.5876 | 1.3117 | 270.8993 | 0.0000 | 6,168.1235 | 6,168.1235 | 1.9483 | 0.0000 | 6,216.8318 | |
| 2027 | 30.9669 | 272.3474 | 269.9438 | 1.5607 | 99.9212 | 1.3340 | 101.2552 | 27.0548 | 1.2485 | 28.3033 | 0.0000 | 162,453.2255 | 162,453.2255 | 6.7826 | 0.0000 | 162,622.7898 | |
| 2062 | 1.0112 | 3.6566 | 15.8177 | 0.0281 | 0.1071 | 0.1164 | 0.2235 | 0.0263 | 0.1164 | 0.1427 | 0.0000 | 2,656.5168 | 2,656.5168 | 0.0893 | 0.0000 | 2,658.7489 | |
| 2065 | 92.8149 | 0.7270 | 1.7923 | 2.9700e-003 | 13.1436 | 7.4300e-003 | 13.1511 | 3.2262 | 7.4300e-003 | 3.2336 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | 0.0000 | 281.6957 | |
| Maximum | 92.8149 | 272.3474 | 269.9438 | 1.5607 | 2,471.8498 | 1.6598 | 2,473.2755 | 269.5876 | 1.5428 | 270.8993 | 0.0000 | 162,453.2255 | 162,453.2255 | 6.7826 | 0.0000 | 162,622.7898 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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 | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Energy | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | | 6.7506 |
| Mobile | 3.9903 | 3.5505 | 28.9319 | 0.0543 | 4.9730 | 0.0590 | 5.0320 | 1.3246 | 0.0552 | 1.3798 | 5,530.587 1 | 5,530.587 1 | 0.4278 | | | 5,541.281 2 |
| Total | 5.2355 | 3.5566 | 28.9884 | 0.0543 | 4.9730 | 0.0596 | 5.0326 | 1.3246 | 0.0558 | 1.3805 | 5,537.408 4 | 5,537.408 4 | 0.4282 | 1.2000e-004 | | 5,548.149 6 |

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 | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Energy | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | | 6.7506 |
| Mobile | 3.9903 | 3.5505 | 28.9319 | 0.0543 | 4.9730 | 0.0590 | 5.0320 | 1.3246 | 0.0552 | 1.3798 | 5,530.587 1 | 5,530.587 1 | 0.4278 | | | 5,541.281 2 |
| Total | 5.2355 | 3.5566 | 28.9884 | 0.0543 | 4.9730 | 0.0596 | 5.0326 | 1.3246 | 0.0558 | 1.3805 | 5,537.408 4 | 5,537.408 4 | 0.4282 | 1.2000e-004 | | 5,548.149 6 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 1/1/2020 | 5 | 1 | |
| 2 | Site Preparation | Site Preparation | 4/20/2022 | 4/20/2022 | 5 | 1 | |
| 3 | Grading | Grading | 9/6/2023 | 9/6/2023 | 5 | 1 | |
| 4 | Building Construction | Building Construction | 3/31/2027 | 3/31/2027 | 5 | 1 | |
| 5 | Paving | Paving | 11/22/2062 | 11/22/2062 | 5 | 1 | |
| 6 | Architectural Coating | Architectural Coating | 6/3/2065 | 6/3/2065 | 5 | 1 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,000; Non-Residential Outdoor: 2,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 9,203.00 | 3,591.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,841.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction**3.2 Demolition - 2020****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------------|----------------|-----------|-----|----------------|------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 3,747.704 9 | 3,747.704 9 | 1.0580 | | 3,774.153 6 | |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 3,747.704 9 | 3,747.704 9 | 1.0580 | | 3,774.153 6 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.2 Demolition - 2020**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------|-----------------|--|
| Category | 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 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 0.0552 | 0.0372 | 0.4984 | 1.3100e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | 130.5361 | 130.5361 | 4.1700e-003 | | | 130.6404 | |
| Total | 0.0552 | 0.0372 | 0.4984 | 1.3100e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | | 130.5361 | 130.5361 | 4.1700e-003 | | 130.6404 | |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

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3.2 Demolition - 2020**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|----------|-------------|----------|--|
| Category | 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 | 0.0552 | 0.0372 | 0.4984 | 1.3100e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | | | 130.5361 | 130.5361 | 4.1700e-003 | 130.6404 | |
| Total | 0.0552 | 0.0372 | 0.4984 | 1.3100e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | | | 130.5361 | 130.5361 | 4.1700e-003 | 130.6404 | |

3.3 Site Preparation - 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 | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.1701 | 33.0835 | 19.6978 | 0.0380 | | 1.6126 | 1.6126 | | 1.4836 | 1.4836 | | | 3,686.0619 | 3,686.0619 | 1.1922 | 3,715.8655 |
| Total | 3.1701 | 33.0835 | 19.6978 | 0.0380 | 18.0663 | 1.6126 | 19.6788 | 9.9307 | 1.4836 | 11.4143 | | | 3,686.0619 | 3,686.0619 | 1.1922 | 3,715.8655 |

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3.3 Site Preparation - 2022**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------|-----------------|
| Category | 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 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0576 | 0.0363 | 0.5069 | 1.4700e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | 146.3377 | 146.3377 | 4.0900e-003 | | | 146.4400 |
| Total | 0.0576 | 0.0363 | 0.5069 | 1.4700e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | | 146.3377 | 146.3377 | 4.0900e-003 | | 146.4400 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.1701 | 33.0835 | 19.6978 | 0.0380 | | 1.6126 | 1.6126 | | 1.4836 | 1.4836 | 0.0000 | 3,686.0619 | 3,686.0619 | 1.1922 | | 3,715.8655 |
| Total | 3.1701 | 33.0835 | 19.6978 | 0.0380 | 18.0663 | 1.6126 | 19.6788 | 9.9307 | 1.4836 | 11.4143 | 0.0000 | 3,686.0619 | 3,686.0619 | 1.1922 | | 3,715.8655 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.3 Site Preparation - 2022**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-------------|-------------|--------|----------|
| Category | 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 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0576 | 0.0363 | 0.5069 | 1.4700e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | 146.3377 | 146.3377 | 4.0900e-003 | 146.4400 | | |
| Total | 0.0576 | 0.0363 | 0.5069 | 1.4700e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | | 146.3377 | 146.3377 | 4.0900e-003 | | 146.4400 |

3.4 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 | | | | | 2,471.685 5 | 0.0000 | 2,471.685 5 | 269.5440 | 0.0000 | 269.5440 | | | 0.0000 | | | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | 6,011.4777 | 6,011.4777 | 1.9442 | | | 6,060.083 6 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 2,471.685 5 | 1.4245 | 2,473.110 0 | 269.5440 | 1.3105 | 270.8546 | | 6,011.477 7 | 6,011.477 7 | 1.9442 | | 6,060.083 6 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.4 Grading - 2023**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0600 | 0.0364 | 0.5185 | 1.5700e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | 156.6458 | 156.6458 | 4.1000e-003 | | | 156.7483 |
| Total | 0.0600 | 0.0364 | 0.5185 | 1.5700e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | | 156.6458 | 156.6458 | 4.1000e-003 | | 156.7483 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 2,471.685 5 | 0.0000 | 2,471.685 5 | 269.5440 | 0.0000 | 269.5440 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 2,471.685 5 | 1.4245 | 2,473.110 0 | 269.5440 | 1.3105 | 270.8546 | 0.0000 | 6,011.477 7 | 6,011.477 7 | 1.9442 | | 6,060.083 6 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.4 Grading - 2023**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0600 | 0.0364 | 0.5185 | 1.5700e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | 156.6458 | 156.6458 | 4.1000e-003 | | | 156.7483 |
| Total | 0.0600 | 0.0364 | 0.5185 | 1.5700e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | 156.6458 | 156.6458 | 4.1000e-003 | | | 156.7483 |

3.5 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 | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | | 2,571.498 1 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2027**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 | |
| Vendor | 7.1593 | 248.0142 | 73.0263 | 0.9047 | 24.3207 | 0.2862 | 24.6070 | 7.0021 | 0.2735 | 7.2756 | 97,155.07 15 | 97,155.07 15 | 4.8548 | | 97,276.44 05 | | |
| Worker | 22.4403 | 11.8635 | 180.8328 | 0.6291 | 75.6005 | 0.5202 | 76.1207 | 20.0528 | 0.4787 | 20.5314 | 62,741.67 97 | 62,741.67 97 | 1.3269 | | 62,774.85 13 | | |
| Total | 29.5995 | 259.8777 | 253.8591 | 1.5338 | 99.9212 | 0.8064 | 100.7276 | 27.0548 | 0.7522 | 27.8070 | 159,896.7 512 | 159,896.7 512 | 6.1816 | | 160,051.2 918 | | |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 4 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 | |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2027**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 |
| Vendor | 7.1593 | 248.0142 | 73.0263 | 0.9047 | 24.3207 | 0.2862 | 24.6070 | 7.0021 | 0.2735 | 7.2756 | 97,155.07 15 | 97,155.07 15 | 4.8548 | | 97,276.44 05 | |
| Worker | 22.4403 | 11.8635 | 180.8328 | 0.6291 | 75.6005 | 0.5202 | 76.1207 | 20.0528 | 0.4787 | 20.5314 | 62,741.67 97 | 62,741.67 97 | 1.3269 | | 62,774.85 13 | |
| Total | 29.5995 | 259.8777 | 253.8591 | 1.5338 | 99.9212 | 0.8064 | 100.7276 | 27.0548 | 0.7522 | 27.8070 | 159,896.7 512 | 159,896.7 512 | 6.1816 | | 160,051.2 918 | |

3.6 Paving - 2062**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 | |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.6 Paving - 2062**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 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 | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.6 Paving - 2062**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 0.0000 | | | 0.0000 |

3.7 Architectural Coating - 2065**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 92.7000 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 92.8149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.7 Architectural Coating - 2065**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 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 | 92.7000 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 92.8149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

3.7 Architectural Coating - 2065**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 0.0000 | | | 0.0000 |

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

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 3.9903 | 3.5505 | 28.9319 | 0.0543 | 4.9730 | 0.0590 | 5.0320 | 1.3246 | 0.0552 | 1.3798 | 5,530.587 1 | 5,530.587 1 | 0.4278 | | | 5,541.281 2 | |
| Unmitigated | 3.9903 | 3.5505 | 28.9319 | 0.0543 | 4.9730 | 0.0590 | 5.0320 | 1.3246 | 0.0552 | 1.3798 | 5,530.587 1 | 5,530.587 1 | 0.4278 | | | 5,541.281 2 | |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | | Mitigated | |
|-------------------------|-------------------------|----------|----------|-------------|------------|------------|------------|
| | Weekday | Saturday | Sunday | Annual VMT | Annual VMT | Annual VMT | Annual VMT |
| City Park | 392.34 | 985.88 | 1101.57 | 1,234,906 | | 1,234,906 | |
| General Office Building | 1.56 | 3.92 | 4.38 | 5,496 | | 5,496 | |
| Total | 393.90 | 989.80 | 1,105.95 | 1,240,402 | | 1,240,402 | |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| City Park | 9.50 | 7.30 | 7.30 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| General Office Building | 9.50 | 7.30 | 7.30 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.551001 | 0.059862 | 0.185577 | 0.128146 | 0.022541 | 0.005543 | 0.010825 | 0.007967 | 0.000967 | 0.000632 | 0.022803 | 0.000681 | 0.003455 |
| General Office Building | 0.551001 | 0.059862 | 0.185577 | 0.128146 | 0.022541 | 0.005543 | 0.010825 | 0.007967 | 0.000967 | 0.000632 | 0.022803 | 0.000681 | 0.003455 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|---------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|-------------|--------|--|
| Category | lb/day | | | | | | | | | | | lb/day | | | | | |
| NaturalGas Mitigated | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |
| NaturalGas Unmitigated | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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 | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| General Office Building | 57.0411 | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 |
| Total | | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 |

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 | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| General Office Building | 0.0570411 | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 |
| Total | | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 |

6.0 Area Detail**6.1 Mitigation Measures Area**

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|-------------|--------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-------------|-----|-----|--------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Unmitigated | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |

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 | 0.0254 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 1.2143 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 4.8300e-003 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Total | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |

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6.2 Area by SubCategory**Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------------|---------------|--------------------|-----|---------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0254 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Consumer Products | 1.2143 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Landscaping | 4.8300e-003 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | | 0.1105 | 0.1105 | 2.9000e-004 | | 0.1179 |
| Total | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | | 0.1105 | 0.1105 | 2.9000e-004 | | 0.1179 |

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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Summer

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

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

Los Cerritos Wetlands Restoration - Operations only
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 | 2.00 | 1000sqft | 0.05 | 2,000.00 | 0 |
| City Park | 503.00 | Acre | 503.00 | 21,910,680.00 | 0 |

1.2 Other Project Characteristics

| | | | | | |
|----------------------------|----------------------------|----------------------------|-------|----------------------------|-------|
| Urbanization | Urban | Wind Speed (m/s) | 2.2 | Precipitation Freq (Days) | 33 |
| Climate Zone | 9 | | | Operational Year | 2021 |
| Utility Company | Southern California Edison | | | | |
| CO2 Intensity (lb/MWhr) | 702.44 | CH4 Intensity (lb/MWhr) | 0.029 | N2O Intensity (lb/MWhr) | 0.006 |

1.3 User Entered Comments & Non-Default Data

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use -

Construction Phase - no construction - operation only run

Off-road Equipment -

Vehicle Trips - LU 411 Public Park trip rates used from ITE Manuel 10th Edition

Water And Wastewater - Assume no water is pumped into wetland.

Land Use Change -

Water Mitigation - CalGreen 20% water reduction

Waste Mitigation - AB341

| Table Name | Column Name | Default Value | New Value |
|-------------------------|---------------------------------|---------------|-----------|
| tblArchitecturalCoating | EF_Nonresidential_Exterior | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Nonresidential_Interior | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Parking | 100.00 | 250.00 |
| tblArchitecturalCoating | EF_Residential_Exterior | 50.00 | 250.00 |
| tblArchitecturalCoating | EF_Residential_Interior | 50.00 | 250.00 |
| tblAreaCoating | Area_EF_Nonresidential_Exterior | 100 | 250 |
| tblAreaCoating | Area_EF_Nonresidential_Interior | 100 | 250 |
| tblAreaCoating | Area_EF_Parking | 100 | 250 |
| tblAreaCoating | Area_EF_Residential_Exterior | 50 | 250 |
| tblAreaCoating | Area_EF_Residential_Interior | 50 | 250 |
| tblConstructionPhase | NumDays | 660.00 | 1.00 |
| tblConstructionPhase | NumDays | 9,300.00 | 1.00 |
| tblConstructionPhase | NumDays | 600.00 | 1.00 |
| tblConstructionPhase | NumDays | 930.00 | 1.00 |
| tblConstructionPhase | NumDays | 660.00 | 1.00 |
| tblConstructionPhase | NumDays | 360.00 | 1.00 |

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| | | | |
|---------------------|--------|-------------|-------------|
| tblConsumerProducts | ROG_EF | 1.98E-05 | 2.14E-05 |
| tblFleetMix | HHD | 0.03 | 7.9665e-003 |
| tblFleetMix | HHD | 0.03 | 7.9665e-003 |
| tblFleetMix | LDA | 0.55 | 0.55 |
| tblFleetMix | LDA | 0.55 | 0.55 |
| tblFleetMix | LDT1 | 0.05 | 0.06 |
| tblFleetMix | LDT1 | 0.05 | 0.06 |
| tblFleetMix | LDT2 | 0.20 | 0.19 |
| tblFleetMix | LDT2 | 0.20 | 0.19 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD1 | 0.02 | 0.02 |
| tblFleetMix | LHD2 | 6.1430e-003 | 5.5430e-003 |
| tblFleetMix | LHD2 | 6.1430e-003 | 5.5430e-003 |
| tblFleetMix | MCY | 5.0780e-003 | 0.02 |
| tblFleetMix | MCY | 5.0780e-003 | 0.02 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MDV | 0.12 | 0.13 |
| tblFleetMix | MH | 8.9100e-004 | 3.4552e-003 |
| tblFleetMix | MH | 8.9100e-004 | 3.4552e-003 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | MHD | 0.02 | 0.01 |
| tblFleetMix | OBUS | 2.4790e-003 | 9.6716e-004 |
| tblFleetMix | OBUS | 2.4790e-003 | 9.6716e-004 |
| tblFleetMix | SBUS | 6.8200e-004 | 6.8104e-004 |
| tblFleetMix | SBUS | 6.8200e-004 | 6.8104e-004 |
| tblFleetMix | UBUS | 2.2700e-003 | 6.3170e-004 |
| tblFleetMix | UBUS | 2.2700e-003 | 6.3170e-004 |

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| | | | |
|-----------------------|------------------|----------|-------------|
| tblGrading | AcresOfGrading | 2.50 | 2,325.00 |
| tblLandscapeEquipment | NumberSummerDays | 250 | 180 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | VendorTripLength | 6.90 | 7.30 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblTripsAndVMT | WorkerTripLength | 14.70 | 10.80 |
| tblVehicleEF | HHD | 0.65 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.09 | 5.3212e-007 |
| tblVehicleEF | HHD | 2.61 | 5.73 |
| tblVehicleEF | HHD | 1.16 | 0.77 |
| tblVehicleEF | HHD | 3.36 | 0.01 |
| tblVehicleEF | HHD | 4,729.35 | 1,160.01 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 21.63 | 6.50 |
| tblVehicleEF | HHD | 4.20 | 4.58 |
| tblVehicleEF | HHD | 19.57 | 1.76 |
| tblVehicleEF | HHD | 0.02 | 0.01 |

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| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.1100e-004 | 1.0257e-005 |
| tblVehicleEF | HHD | 4.8720e-003 | 4.3163e-004 |
| tblVehicleEF | HHD | 0.65 | 0.47 |
| tblVehicleEF | HHD | 8.3000e-005 | 7.1733e-006 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.3200e-004 | 2.2097e-003 |
| tblVehicleEF | HHD | 0.09 | 2.8089e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6100e-004 | 1.0936e-006 |
| tblVehicleEF | HHD | 1.1100e-004 | 1.0257e-005 |
| tblVehicleEF | HHD | 4.8720e-003 | 4.3163e-004 |
| tblVehicleEF | HHD | 0.76 | 0.54 |
| tblVehicleEF | HHD | 8.3000e-005 | 7.1733e-006 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.3200e-004 | 2.2097e-003 |
| tblVehicleEF | HHD | 0.10 | 3.0754e-006 |
| tblVehicleEF | HHD | 0.61 | 0.03 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.08 | 5.0957e-007 |
| tblVehicleEF | HHD | 1.90 | 5.57 |
| tblVehicleEF | HHD | 1.17 | 0.77 |
| tblVehicleEF | HHD | 3.19 | 0.01 |
| tblVehicleEF | HHD | 5,008.69 | 1,160.72 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 22.32 | 6.36 |
| tblVehicleEF | HHD | 3.97 | 4.34 |
| tblVehicleEF | HHD | 19.56 | 1.76 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.01 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.7000e-004 | 1.6157e-005 |
| tblVehicleEF | HHD | 4.9980e-003 | 4.3835e-004 |
| tblVehicleEF | HHD | 0.61 | 0.49 |
| tblVehicleEF | HHD | 1.2100e-004 | 1.1037e-005 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.2100e-004 | 2.1847e-003 |

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| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.08 | 2.6976e-006 |
| tblVehicleEF | HHD | 0.05 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.5800e-004 | 1.0850e-006 |
| tblVehicleEF | HHD | 1.7000e-004 | 1.6157e-005 |
| tblVehicleEF | HHD | 4.9980e-003 | 4.3835e-004 |
| tblVehicleEF | HHD | 0.72 | 0.56 |
| tblVehicleEF | HHD | 1.2100e-004 | 1.1037e-005 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.2100e-004 | 2.1847e-003 |
| tblVehicleEF | HHD | 0.09 | 2.9536e-006 |
| tblVehicleEF | HHD | 0.70 | 0.03 |
| tblVehicleEF | HHD | 0.09 | 0.08 |
| tblVehicleEF | HHD | 0.09 | 5.3720e-007 |
| tblVehicleEF | HHD | 3.58 | 5.95 |
| tblVehicleEF | HHD | 1.16 | 0.77 |
| tblVehicleEF | HHD | 3.39 | 0.01 |
| tblVehicleEF | HHD | 4,343.58 | 1,159.03 |
| tblVehicleEF | HHD | 1,660.44 | 1,551.88 |
| tblVehicleEF | HHD | 10.55 | 0.11 |
| tblVehicleEF | HHD | 20.67 | 6.69 |
| tblVehicleEF | HHD | 4.13 | 4.51 |
| tblVehicleEF | HHD | 19.57 | 1.76 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.06 | 0.06 |
| tblVehicleEF | HHD | 0.04 | 0.04 |
| tblVehicleEF | HHD | 0.02 | 0.06 |

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| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 8.8000e-005 | 2.7341e-006 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 0.03 | 0.03 |
| tblVehicleEF | HHD | 8.8360e-003 | 8.8946e-003 |
| tblVehicleEF | HHD | 0.02 | 0.06 |
| tblVehicleEF | HHD | 8.1000e-005 | 2.5341e-006 |
| tblVehicleEF | HHD | 1.1000e-004 | 1.0837e-005 |
| tblVehicleEF | HHD | 5.2380e-003 | 5.0906e-004 |
| tblVehicleEF | HHD | 0.70 | 0.45 |
| tblVehicleEF | HHD | 8.1000e-005 | 7.2029e-006 |
| tblVehicleEF | HHD | 0.15 | 0.15 |
| tblVehicleEF | HHD | 4.6800e-004 | 2.3389e-003 |
| tblVehicleEF | HHD | 0.09 | 2.8334e-006 |
| tblVehicleEF | HHD | 0.04 | 0.01 |
| tblVehicleEF | HHD | 0.02 | 0.01 |
| tblVehicleEF | HHD | 1.6100e-004 | 1.0953e-006 |
| tblVehicleEF | HHD | 1.1000e-004 | 1.0837e-005 |
| tblVehicleEF | HHD | 5.2380e-003 | 5.0906e-004 |
| tblVehicleEF | HHD | 0.82 | 0.51 |
| tblVehicleEF | HHD | 8.1000e-005 | 7.2029e-006 |
| tblVehicleEF | HHD | 0.26 | 0.25 |
| tblVehicleEF | HHD | 4.6800e-004 | 2.3389e-003 |
| tblVehicleEF | HHD | 0.10 | 3.1023e-006 |
| tblVehicleEF | LDA | 5.9160e-003 | 4.0269e-003 |
| tblVehicleEF | LDA | 6.1880e-003 | 0.06 |
| tblVehicleEF | LDA | 0.71 | 0.86 |
| tblVehicleEF | LDA | 1.27 | 2.24 |

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| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 285.63 | 286.85 |
| tblVehicleEF | LDA | 59.19 | 56.49 |
| tblVehicleEF | LDA | 0.06 | 0.05 |
| tblVehicleEF | LDA | 0.08 | 0.21 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.01 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.23 |
| tblVehicleEF | LDA | 0.08 | 0.27 |
| tblVehicleEF | LDA | 2.8620e-003 | 2.8378e-003 |
| tblVehicleEF | LDA | 6.1400e-004 | 5.5902e-004 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.23 |
| tblVehicleEF | LDA | 0.09 | 0.30 |
| tblVehicleEF | LDA | 6.2800e-003 | 4.3047e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 5.4950e-003 | 0.05 |
| tblVehicleEF | LDA | 0.78 | 0.95 |
| tblVehicleEF | LDA | 1.09 | 1.90 |
| tblVehicleEF | LDA | 298.94 | 299.91 |
| tblVehicleEF | LDA | 59.19 | 55.86 |
| tblVehicleEF | LDA | 0.05 | 0.05 |
| tblVehicleEF | LDA | 0.07 | 0.19 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.04 | 0.22 |
| tblVehicleEF | LDA | 0.07 | 0.24 |
| tblVehicleEF | LDA | 2.9960e-003 | 2.9671e-003 |
| tblVehicleEF | LDA | 6.1000e-004 | 5.5280e-004 |
| tblVehicleEF | LDA | 0.07 | 0.10 |
| tblVehicleEF | LDA | 0.11 | 0.12 |
| tblVehicleEF | LDA | 0.06 | 0.08 |
| tblVehicleEF | LDA | 0.02 | 0.03 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 0.04 | 0.22 |
| tblVehicleEF | LDA | 0.08 | 0.27 |
| tblVehicleEF | LDA | 5.7950e-003 | 3.9414e-003 |
| tblVehicleEF | LDA | 6.3340e-003 | 0.06 |
| tblVehicleEF | LDA | 0.68 | 0.83 |
| tblVehicleEF | LDA | 1.31 | 2.31 |
| tblVehicleEF | LDA | 280.76 | 282.08 |
| tblVehicleEF | LDA | 59.19 | 56.63 |
| tblVehicleEF | LDA | 0.06 | 0.05 |
| tblVehicleEF | LDA | 0.08 | 0.21 |
| tblVehicleEF | LDA | 0.04 | 0.04 |
| tblVehicleEF | LDA | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDA | 2.2290e-003 | 2.0424e-003 |
| tblVehicleEF | LDA | 2.3010e-003 | 2.0724e-003 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDA | 2.0560e-003 | 1.8821e-003 |
| tblVehicleEF | LDA | 2.1160e-003 | 1.9056e-003 |
| tblVehicleEF | LDA | 0.04 | 0.06 |
| tblVehicleEF | LDA | 0.12 | 0.13 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.01 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.09 | 0.28 |
| tblVehicleEF | LDA | 2.8130e-003 | 2.7906e-003 |
| tblVehicleEF | LDA | 6.1400e-004 | 5.6038e-004 |
| tblVehicleEF | LDA | 0.04 | 0.06 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDA | 0.12 | 0.13 |
| tblVehicleEF | LDA | 0.04 | 0.05 |
| tblVehicleEF | LDA | 0.02 | 0.02 |
| tblVehicleEF | LDA | 0.05 | 0.26 |
| tblVehicleEF | LDA | 0.09 | 0.31 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 1.84 | 1.85 |
| tblVehicleEF | LDT1 | 3.09 | 2.45 |
| tblVehicleEF | LDT1 | 351.43 | 336.46 |
| tblVehicleEF | LDT1 | 71.32 | 67.07 |
| tblVehicleEF | LDT1 | 0.17 | 0.16 |
| tblVehicleEF | LDT1 | 0.18 | 0.31 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.28 | 0.24 |
| tblVehicleEF | LDT1 | 0.11 | 0.13 |
| tblVehicleEF | LDT1 | 0.04 | 0.05 |
| tblVehicleEF | LDT1 | 0.18 | 0.83 |
| tblVehicleEF | LDT1 | 0.21 | 0.45 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 3.5380e-003 | 3.3294e-003 |
| tblVehicleEF | LDT1 | 7.6700e-004 | 6.6374e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.28 | 0.24 |
| tblVehicleEF | LDT1 | 0.11 | 0.13 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.18 | 0.83 |
| tblVehicleEF | LDT1 | 0.24 | 0.49 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.01 | 0.08 |
| tblVehicleEF | LDT1 | 1.99 | 2.01 |
| tblVehicleEF | LDT1 | 2.62 | 2.08 |
| tblVehicleEF | LDT1 | 366.73 | 349.70 |
| tblVehicleEF | LDT1 | 71.32 | 66.31 |
| tblVehicleEF | LDT1 | 0.15 | 0.14 |
| tblVehicleEF | LDT1 | 0.16 | 0.28 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |
| tblVehicleEF | LDT1 | 0.21 | 0.24 |
| tblVehicleEF | LDT1 | 0.30 | 0.25 |
| tblVehicleEF | LDT1 | 0.16 | 0.18 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.05 | 0.05 |
| tblVehicleEF | LDT1 | 0.17 | 0.77 |
| tblVehicleEF | LDT1 | 0.19 | 0.39 |
| tblVehicleEF | LDT1 | 3.6940e-003 | 3.4605e-003 |
| tblVehicleEF | LDT1 | 7.5900e-004 | 6.5619e-004 |
| tblVehicleEF | LDT1 | 0.21 | 0.24 |
| tblVehicleEF | LDT1 | 0.30 | 0.25 |
| tblVehicleEF | LDT1 | 0.16 | 0.18 |
| tblVehicleEF | LDT1 | 0.07 | 0.07 |
| tblVehicleEF | LDT1 | 0.17 | 0.77 |
| tblVehicleEF | LDT1 | 0.21 | 0.43 |
| tblVehicleEF | LDT1 | 0.02 | 0.01 |
| tblVehicleEF | LDT1 | 0.02 | 0.09 |
| tblVehicleEF | LDT1 | 1.79 | 1.79 |
| tblVehicleEF | LDT1 | 3.19 | 2.53 |
| tblVehicleEF | LDT1 | 345.81 | 331.61 |
| tblVehicleEF | LDT1 | 71.32 | 67.24 |
| tblVehicleEF | LDT1 | 0.17 | 0.16 |
| tblVehicleEF | LDT1 | 0.18 | 0.31 |
| tblVehicleEF | LDT1 | 0.04 | 0.04 |
| tblVehicleEF | LDT1 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT1 | 3.7390e-003 | 3.2489e-003 |
| tblVehicleEF | LDT1 | 3.5990e-003 | 3.0888e-003 |
| tblVehicleEF | LDT1 | 0.02 | 0.02 |
| tblVehicleEF | LDT1 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT1 | 3.4440e-003 | 2.9904e-003 |
| tblVehicleEF | LDT1 | 3.3100e-003 | 2.8404e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.32 | 0.27 |
| tblVehicleEF | LDT1 | 0.11 | 0.12 |
| tblVehicleEF | LDT1 | 0.04 | 0.05 |
| tblVehicleEF | LDT1 | 0.21 | 0.98 |
| tblVehicleEF | LDT1 | 0.22 | 0.46 |
| tblVehicleEF | LDT1 | 3.4810e-003 | 3.2814e-003 |
| tblVehicleEF | LDT1 | 7.6900e-004 | 6.6538e-004 |
| tblVehicleEF | LDT1 | 0.14 | 0.16 |
| tblVehicleEF | LDT1 | 0.32 | 0.27 |
| tblVehicleEF | LDT1 | 0.11 | 0.12 |
| tblVehicleEF | LDT1 | 0.06 | 0.07 |
| tblVehicleEF | LDT1 | 0.21 | 0.98 |
| tblVehicleEF | LDT1 | 0.24 | 0.50 |
| tblVehicleEF | LDT2 | 7.8740e-003 | 6.3478e-003 |
| tblVehicleEF | LDT2 | 7.2440e-003 | 0.08 |
| tblVehicleEF | LDT2 | 0.90 | 1.24 |
| tblVehicleEF | LDT2 | 1.49 | 2.87 |
| tblVehicleEF | LDT2 | 395.42 | 367.68 |
| tblVehicleEF | LDT2 | 80.68 | 73.77 |
| tblVehicleEF | LDT2 | 0.09 | 0.12 |
| tblVehicleEF | LDT2 | 0.12 | 0.35 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.14 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.45 |
| tblVehicleEF | LDT2 | 0.10 | 0.38 |
| tblVehicleEF | LDT2 | 3.9620e-003 | 3.6376e-003 |
| tblVehicleEF | LDT2 | 8.3200e-004 | 7.3003e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.11 | 0.14 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.06 | 0.45 |
| tblVehicleEF | LDT2 | 0.11 | 0.42 |
| tblVehicleEF | LDT2 | 8.3450e-003 | 6.7606e-003 |
| tblVehicleEF | LDT2 | 6.4440e-003 | 0.07 |
| tblVehicleEF | LDT2 | 0.99 | 1.36 |
| tblVehicleEF | LDT2 | 1.27 | 2.44 |
| tblVehicleEF | LDT2 | 413.17 | 380.97 |
| tblVehicleEF | LDT2 | 80.68 | 72.95 |
| tblVehicleEF | LDT2 | 0.08 | 0.10 |
| tblVehicleEF | LDT2 | 0.11 | 0.32 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.07 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.15 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.06 | 0.42 |
| tblVehicleEF | LDT2 | 0.09 | 0.34 |
| tblVehicleEF | LDT2 | 4.1400e-003 | 3.7691e-003 |
| tblVehicleEF | LDT2 | 8.2800e-004 | 7.2192e-004 |
| tblVehicleEF | LDT2 | 0.07 | 0.13 |
| tblVehicleEF | LDT2 | 0.11 | 0.15 |
| tblVehicleEF | LDT2 | 0.07 | 0.11 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.06 | 0.42 |
| tblVehicleEF | LDT2 | 0.10 | 0.37 |
| tblVehicleEF | LDT2 | 7.7190e-003 | 6.2197e-003 |
| tblVehicleEF | LDT2 | 7.4150e-003 | 0.08 |
| tblVehicleEF | LDT2 | 0.87 | 1.20 |
| tblVehicleEF | LDT2 | 1.54 | 2.96 |
| tblVehicleEF | LDT2 | 388.90 | 362.81 |
| tblVehicleEF | LDT2 | 80.68 | 73.95 |
| tblVehicleEF | LDT2 | 0.09 | 0.11 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 0.12 | 0.35 |
| tblVehicleEF | LDT2 | 0.04 | 0.04 |
| tblVehicleEF | LDT2 | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | LDT2 | 2.1620e-003 | 2.1343e-003 |
| tblVehicleEF | LDT2 | 2.3490e-003 | 2.0993e-003 |
| tblVehicleEF | LDT2 | 0.02 | 0.02 |
| tblVehicleEF | LDT2 | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | LDT2 | 1.9880e-003 | 1.9642e-003 |
| tblVehicleEF | LDT2 | 2.1600e-003 | 1.9304e-003 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.04 | 0.08 |
| tblVehicleEF | LDT2 | 0.02 | 0.03 |
| tblVehicleEF | LDT2 | 0.07 | 0.52 |
| tblVehicleEF | LDT2 | 0.10 | 0.39 |
| tblVehicleEF | LDT2 | 3.8960e-003 | 3.5895e-003 |
| tblVehicleEF | LDT2 | 8.3300e-004 | 7.3182e-004 |
| tblVehicleEF | LDT2 | 0.05 | 0.08 |
| tblVehicleEF | LDT2 | 0.12 | 0.15 |
| tblVehicleEF | LDT2 | 0.04 | 0.08 |
| tblVehicleEF | LDT2 | 0.03 | 0.04 |
| tblVehicleEF | LDT2 | 0.07 | 0.52 |
| tblVehicleEF | LDT2 | 0.11 | 0.43 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0724e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.3245e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.94 | 0.86 |
| tblVehicleEF | LHD1 | 3.04 | 1.27 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |
| tblVehicleEF | LHD1 | 612.93 | 694.09 |
| tblVehicleEF | LHD1 | 34.52 | 13.36 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 1.05 | 0.84 |
| tblVehicleEF | LHD1 | 1.07 | 0.38 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 3.3130e-003 | 2.9887e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.9910e-003 | 1.7702e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.32 | 0.64 |
| tblVehicleEF | LHD1 | 0.29 | 0.10 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0260e-003 | 6.7874e-003 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 4.0200e-004 | 1.3218e-004 |
| tblVehicleEF | LHD1 | 3.3130e-003 | 2.9887e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.09 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 1.9910e-003 | 1.7702e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.32 | 0.64 |
| tblVehicleEF | LHD1 | 0.32 | 0.11 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0856e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.4711e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 0.96 | 0.87 |
| tblVehicleEF | LHD1 | 2.90 | 1.21 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |
| tblVehicleEF | LHD1 | 612.93 | 694.11 |
| tblVehicleEF | LHD1 | 34.52 | 13.25 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 0.98 | 0.79 |
| tblVehicleEF | LHD1 | 1.03 | 0.36 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 4.9680e-003 | 4.5016e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.5256e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.31 | 0.62 |
| tblVehicleEF | LHD1 | 0.28 | 0.09 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0270e-003 | 6.7877e-003 |
| tblVehicleEF | LHD1 | 3.9900e-004 | 1.3115e-004 |
| tblVehicleEF | LHD1 | 4.9680e-003 | 4.5016e-003 |
| tblVehicleEF | LHD1 | 0.11 | 0.10 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.8120e-003 | 2.5256e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.31 | 0.62 |
| tblVehicleEF | LHD1 | 0.31 | 0.10 |
| tblVehicleEF | LHD1 | 6.0120e-003 | 6.0700e-003 |
| tblVehicleEF | LHD1 | 0.01 | 7.2867e-003 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 0.16 | 0.20 |
| tblVehicleEF | LHD1 | 0.94 | 0.86 |
| tblVehicleEF | LHD1 | 3.06 | 1.28 |
| tblVehicleEF | LHD1 | 8.91 | 8.98 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 612.93 | 694.08 |
| tblVehicleEF | LHD1 | 34.52 | 13.37 |
| tblVehicleEF | LHD1 | 0.07 | 0.05 |
| tblVehicleEF | LHD1 | 1.03 | 0.83 |
| tblVehicleEF | LHD1 | 1.08 | 0.38 |
| tblVehicleEF | LHD1 | 8.1600e-004 | 6.8425e-004 |
| tblVehicleEF | LHD1 | 0.08 | 0.08 |
| tblVehicleEF | LHD1 | 9.9780e-003 | 9.5325e-003 |
| tblVehicleEF | LHD1 | 9.4020e-003 | 7.1252e-003 |
| tblVehicleEF | LHD1 | 1.0850e-003 | 3.3330e-004 |
| tblVehicleEF | LHD1 | 7.8100e-004 | 6.5465e-004 |
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 2.4950e-003 | 2.3831e-003 |
| tblVehicleEF | LHD1 | 8.9670e-003 | 6.7842e-003 |
| tblVehicleEF | LHD1 | 9.9800e-004 | 3.0689e-004 |
| tblVehicleEF | LHD1 | 3.5020e-003 | 3.1837e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |
| tblVehicleEF | LHD1 | 0.02 | 0.02 |
| tblVehicleEF | LHD1 | 1.9650e-003 | 1.7527e-003 |
| tblVehicleEF | LHD1 | 0.07 | 0.06 |
| tblVehicleEF | LHD1 | 0.34 | 0.70 |
| tblVehicleEF | LHD1 | 0.30 | 0.10 |
| tblVehicleEF | LHD1 | 9.0000e-005 | 8.7406e-005 |
| tblVehicleEF | LHD1 | 6.0260e-003 | 6.7873e-003 |
| tblVehicleEF | LHD1 | 4.0200e-004 | 1.3235e-004 |
| tblVehicleEF | LHD1 | 3.5020e-003 | 3.1837e-003 |
| tblVehicleEF | LHD1 | 0.12 | 0.11 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.03 | 0.03 |
| tblVehicleEF | LHD1 | 1.9650e-003 | 1.7527e-003 |
| tblVehicleEF | LHD1 | 0.09 | 0.08 |
| tblVehicleEF | LHD1 | 0.34 | 0.70 |
| tblVehicleEF | LHD1 | 0.32 | 0.11 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3356e-003 |
| tblVehicleEF | LHD2 | 5.0230e-003 | 5.0611e-003 |
| tblVehicleEF | LHD2 | 9.9030e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.39 | 0.58 |
| tblVehicleEF | LHD2 | 1.51 | 0.88 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.37 |
| tblVehicleEF | LHD2 | 28.89 | 10.49 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.76 | 1.11 |
| tblVehicleEF | LHD2 | 0.61 | 0.27 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 1.2670e-003 | 1.8884e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 8.0900e-004 | 1.1221e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.10 | 0.43 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7497e-003 |
| tblVehicleEF | LHD2 | 3.1600e-004 | 1.0382e-004 |
| tblVehicleEF | LHD2 | 1.2670e-003 | 1.8884e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.06 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 8.0900e-004 | 1.1221e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.10 | 0.43 |
| tblVehicleEF | LHD2 | 0.15 | 0.07 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3451e-003 |
| tblVehicleEF | LHD2 | 5.0980e-003 | 5.1274e-003 |
| tblVehicleEF | LHD2 | 9.5540e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.40 | 0.58 |
| tblVehicleEF | LHD2 | 1.44 | 0.84 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.38 |
| tblVehicleEF | LHD2 | 28.89 | 10.42 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.72 | 1.05 |
| tblVehicleEF | LHD2 | 0.58 | 0.26 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |
| tblVehicleEF | LHD2 | 1.8880e-003 | 2.8213e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.5879e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.09 | 0.42 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7498e-003 |
| tblVehicleEF | LHD2 | 3.1500e-004 | 1.0310e-004 |
| tblVehicleEF | LHD2 | 1.8880e-003 | 2.8213e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 1.1340e-003 | 1.5879e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.09 | 0.42 |
| tblVehicleEF | LHD2 | 0.14 | 0.07 |
| tblVehicleEF | LHD2 | 4.3410e-003 | 4.3338e-003 |
| tblVehicleEF | LHD2 | 5.0030e-003 | 5.0440e-003 |
| tblVehicleEF | LHD2 | 9.9730e-003 | 0.01 |
| tblVehicleEF | LHD2 | 0.13 | 0.16 |
| tblVehicleEF | LHD2 | 0.39 | 0.57 |
| tblVehicleEF | LHD2 | 1.52 | 0.89 |
| tblVehicleEF | LHD2 | 13.55 | 13.48 |
| tblVehicleEF | LHD2 | 625.73 | 696.37 |
| tblVehicleEF | LHD2 | 28.89 | 10.50 |
| tblVehicleEF | LHD2 | 0.10 | 0.09 |
| tblVehicleEF | LHD2 | 0.75 | 1.09 |
| tblVehicleEF | LHD2 | 0.61 | 0.27 |
| tblVehicleEF | LHD2 | 1.1760e-003 | 1.1845e-003 |
| tblVehicleEF | LHD2 | 0.09 | 0.09 |
| tblVehicleEF | LHD2 | 0.01 | 0.01 |
| tblVehicleEF | LHD2 | 9.3050e-003 | 0.01 |
| tblVehicleEF | LHD2 | 5.0600e-004 | 1.8968e-004 |
| tblVehicleEF | LHD2 | 1.1250e-003 | 1.1333e-003 |
| tblVehicleEF | LHD2 | 0.04 | 0.04 |
| tblVehicleEF | LHD2 | 2.6430e-003 | 2.6034e-003 |
| tblVehicleEF | LHD2 | 8.8870e-003 | 0.01 |
| tblVehicleEF | LHD2 | 4.6500e-004 | 1.7440e-004 |
| tblVehicleEF | LHD2 | 1.3050e-003 | 1.9885e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.02 |

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|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 7.8800e-004 | 1.0961e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.06 |
| tblVehicleEF | LHD2 | 0.10 | 0.47 |
| tblVehicleEF | LHD2 | 0.13 | 0.07 |
| tblVehicleEF | LHD2 | 1.3300e-004 | 1.2943e-004 |
| tblVehicleEF | LHD2 | 6.1010e-003 | 6.7497e-003 |
| tblVehicleEF | LHD2 | 3.1700e-004 | 1.0394e-004 |
| tblVehicleEF | LHD2 | 1.3050e-003 | 1.9885e-003 |
| tblVehicleEF | LHD2 | 0.05 | 0.07 |
| tblVehicleEF | LHD2 | 0.02 | 0.03 |
| tblVehicleEF | LHD2 | 7.8800e-004 | 1.0961e-003 |
| tblVehicleEF | LHD2 | 0.06 | 0.07 |
| tblVehicleEF | LHD2 | 0.10 | 0.47 |
| tblVehicleEF | LHD2 | 0.15 | 0.07 |
| tblVehicleEF | MCY | 0.53 | 0.38 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 19.20 | 19.84 |
| tblVehicleEF | MCY | 9.64 | 8.48 |
| tblVehicleEF | MCY | 188.47 | 223.17 |
| tblVehicleEF | MCY | 44.88 | 60.40 |
| tblVehicleEF | MCY | 1.13 | 1.14 |
| tblVehicleEF | MCY | 0.31 | 0.26 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.07 | 1.10 |
| tblVehicleEF | MCY | 0.65 | 0.70 |
| tblVehicleEF | MCY | 0.65 | 0.69 |
| tblVehicleEF | MCY | 2.61 | 2.65 |
| tblVehicleEF | MCY | 0.62 | 2.17 |
| tblVehicleEF | MCY | 2.06 | 1.84 |
| tblVehicleEF | MCY | 2.2780e-003 | 2.2085e-003 |
| tblVehicleEF | MCY | 6.6700e-004 | 5.9774e-004 |
| tblVehicleEF | MCY | 1.07 | 1.10 |
| tblVehicleEF | MCY | 0.65 | 0.70 |
| tblVehicleEF | MCY | 0.65 | 0.69 |
| tblVehicleEF | MCY | 3.25 | 3.27 |
| tblVehicleEF | MCY | 0.62 | 2.17 |
| tblVehicleEF | MCY | 2.24 | 2.00 |
| tblVehicleEF | MCY | 0.52 | 0.38 |
| tblVehicleEF | MCY | 0.13 | 0.21 |
| tblVehicleEF | MCY | 18.48 | 19.07 |
| tblVehicleEF | MCY | 8.82 | 7.74 |
| tblVehicleEF | MCY | 188.47 | 221.70 |
| tblVehicleEF | MCY | 44.88 | 58.50 |
| tblVehicleEF | MCY | 0.99 | 0.99 |
| tblVehicleEF | MCY | 0.29 | 0.25 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.73 | 1.79 |
| tblVehicleEF | MCY | 0.71 | 0.77 |
| tblVehicleEF | MCY | 1.08 | 1.13 |
| tblVehicleEF | MCY | 2.55 | 2.58 |
| tblVehicleEF | MCY | 0.58 | 2.04 |
| tblVehicleEF | MCY | 1.84 | 1.63 |
| tblVehicleEF | MCY | 2.2640e-003 | 2.1939e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 5.7891e-004 |
| tblVehicleEF | MCY | 1.73 | 1.79 |
| tblVehicleEF | MCY | 0.71 | 0.77 |
| tblVehicleEF | MCY | 1.08 | 1.13 |
| tblVehicleEF | MCY | 3.17 | 3.18 |
| tblVehicleEF | MCY | 0.58 | 2.04 |
| tblVehicleEF | MCY | 2.00 | 1.77 |
| tblVehicleEF | MCY | 0.54 | 0.38 |
| tblVehicleEF | MCY | 0.15 | 0.24 |
| tblVehicleEF | MCY | 19.30 | 19.94 |
| tblVehicleEF | MCY | 9.78 | 8.61 |
| tblVehicleEF | MCY | 188.47 | 223.39 |
| tblVehicleEF | MCY | 44.88 | 60.73 |
| tblVehicleEF | MCY | 1.11 | 1.11 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 0.31 | 0.27 |
| tblVehicleEF | MCY | 0.01 | 0.01 |
| tblVehicleEF | MCY | 4.0000e-003 | 4.0000e-003 |
| tblVehicleEF | MCY | 2.3830e-003 | 2.3025e-003 |
| tblVehicleEF | MCY | 3.9570e-003 | 3.4470e-003 |
| tblVehicleEF | MCY | 5.0400e-003 | 5.0400e-003 |
| tblVehicleEF | MCY | 1.0000e-003 | 1.0000e-003 |
| tblVehicleEF | MCY | 2.2280e-003 | 2.1548e-003 |
| tblVehicleEF | MCY | 3.7290e-003 | 3.2525e-003 |
| tblVehicleEF | MCY | 1.16 | 1.20 |
| tblVehicleEF | MCY | 0.84 | 0.90 |
| tblVehicleEF | MCY | 0.62 | 0.66 |
| tblVehicleEF | MCY | 2.62 | 2.66 |
| tblVehicleEF | MCY | 0.71 | 2.49 |
| tblVehicleEF | MCY | 2.10 | 1.88 |
| tblVehicleEF | MCY | 2.2800e-003 | 2.2106e-003 |
| tblVehicleEF | MCY | 6.7100e-004 | 6.0100e-004 |
| tblVehicleEF | MCY | 1.16 | 1.20 |
| tblVehicleEF | MCY | 0.84 | 0.90 |
| tblVehicleEF | MCY | 0.62 | 0.66 |
| tblVehicleEF | MCY | 3.26 | 3.28 |
| tblVehicleEF | MCY | 0.71 | 2.49 |
| tblVehicleEF | MCY | 2.29 | 2.05 |
| tblVehicleEF | MDV | 0.02 | 9.2696e-003 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 1.56 | 1.64 |
| tblVehicleEF | MDV | 2.79 | 3.50 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 528.65 | 449.45 |
| tblVehicleEF | MDV | 106.35 | 89.79 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.25 | 0.43 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.16 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.04 | 0.05 |
| tblVehicleEF | MDV | 0.09 | 0.48 |
| tblVehicleEF | MDV | 0.22 | 0.50 |
| tblVehicleEF | MDV | 5.2990e-003 | 4.4442e-003 |
| tblVehicleEF | MDV | 1.1130e-003 | 8.8857e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.16 | 0.16 |
| tblVehicleEF | MDV | 0.07 | 0.10 |
| tblVehicleEF | MDV | 0.06 | 0.06 |
| tblVehicleEF | MDV | 0.09 | 0.48 |
| tblVehicleEF | MDV | 0.24 | 0.54 |
| tblVehicleEF | MDV | 0.02 | 9.7459e-003 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.01 | 0.09 |
| tblVehicleEF | MDV | 1.69 | 1.77 |
| tblVehicleEF | MDV | 2.39 | 2.98 |
| tblVehicleEF | MDV | 551.85 | 463.58 |
| tblVehicleEF | MDV | 106.35 | 88.78 |
| tblVehicleEF | MDV | 0.15 | 0.14 |
| tblVehicleEF | MDV | 0.23 | 0.39 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.11 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.10 | 0.14 |
| tblVehicleEF | MDV | 0.05 | 0.05 |
| tblVehicleEF | MDV | 0.08 | 0.44 |
| tblVehicleEF | MDV | 0.19 | 0.44 |
| tblVehicleEF | MDV | 5.5330e-003 | 4.5840e-003 |
| tblVehicleEF | MDV | 1.1050e-003 | 8.7855e-004 |
| tblVehicleEF | MDV | 0.11 | 0.15 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.10 | 0.14 |
| tblVehicleEF | MDV | 0.06 | 0.06 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.08 | 0.44 |
| tblVehicleEF | MDV | 0.21 | 0.48 |
| tblVehicleEF | MDV | 0.01 | 9.1128e-003 |
| tblVehicleEF | MDV | 0.02 | 0.10 |
| tblVehicleEF | MDV | 1.52 | 1.59 |
| tblVehicleEF | MDV | 2.88 | 3.61 |
| tblVehicleEF | MDV | 520.14 | 444.29 |
| tblVehicleEF | MDV | 106.35 | 90.01 |
| tblVehicleEF | MDV | 0.17 | 0.16 |
| tblVehicleEF | MDV | 0.26 | 0.43 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 8.0000e-003 | 8.0000e-003 |
| tblVehicleEF | MDV | 2.4280e-003 | 2.3817e-003 |
| tblVehicleEF | MDV | 2.5830e-003 | 2.3461e-003 |
| tblVehicleEF | MDV | 0.02 | 0.02 |
| tblVehicleEF | MDV | 2.0000e-003 | 2.0000e-003 |
| tblVehicleEF | MDV | 2.2400e-003 | 2.1976e-003 |
| tblVehicleEF | MDV | 2.3780e-003 | 2.1598e-003 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.17 | 0.17 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.04 | 0.04 |
| tblVehicleEF | MDV | 0.11 | 0.55 |
| tblVehicleEF | MDV | 0.22 | 0.51 |
| tblVehicleEF | MDV | 5.2130e-003 | 4.3931e-003 |
| tblVehicleEF | MDV | 1.1140e-003 | 8.9074e-004 |
| tblVehicleEF | MDV | 0.07 | 0.09 |

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.17 | 0.17 |
| tblVehicleEF | MDV | 0.07 | 0.09 |
| tblVehicleEF | MDV | 0.06 | 0.06 |
| tblVehicleEF | MDV | 0.11 | 0.55 |
| tblVehicleEF | MDV | 0.24 | 0.56 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.77 | 1.93 |
| tblVehicleEF | MH | 6.41 | 2.41 |
| tblVehicleEF | MH | 1,135.33 | 1,557.81 |
| tblVehicleEF | MH | 61.01 | 20.79 |
| tblVehicleEF | MH | 1.17 | 1.25 |
| tblVehicleEF | MH | 0.85 | 0.25 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |
| tblVehicleEF | MH | 1.07 | 1.06 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.45 | 0.43 |
| tblVehicleEF | MH | 0.10 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.82 |
| tblVehicleEF | MH | 0.36 | 0.11 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.2200e-004 | 2.0577e-004 |
| tblVehicleEF | MH | 1.07 | 1.06 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.45 | 0.43 |
| tblVehicleEF | MH | 0.14 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.82 |
| tblVehicleEF | MH | 0.40 | 0.12 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.02 |
| tblVehicleEF | MH | 2.85 | 1.97 |
| tblVehicleEF | MH | 6.02 | 2.27 |
| tblVehicleEF | MH | 1,135.33 | 1,557.88 |
| tblVehicleEF | MH | 61.01 | 20.56 |
| tblVehicleEF | MH | 1.07 | 1.15 |
| tblVehicleEF | MH | 0.82 | 0.24 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |
| tblVehicleEF | MH | 1.58 | 1.57 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.65 | 0.62 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.11 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.78 |
| tblVehicleEF | MH | 0.35 | 0.11 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.1500e-004 | 2.0342e-004 |
| tblVehicleEF | MH | 1.58 | 1.57 |
| tblVehicleEF | MH | 0.08 | 0.07 |
| tblVehicleEF | MH | 0.65 | 0.62 |
| tblVehicleEF | MH | 0.15 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.78 |
| tblVehicleEF | MH | 0.38 | 0.12 |
| tblVehicleEF | MH | 0.04 | 0.01 |
| tblVehicleEF | MH | 0.03 | 0.03 |
| tblVehicleEF | MH | 2.74 | 1.92 |
| tblVehicleEF | MH | 6.46 | 2.43 |
| tblVehicleEF | MH | 1,135.33 | 1,557.79 |
| tblVehicleEF | MH | 61.01 | 20.83 |
| tblVehicleEF | MH | 1.15 | 1.22 |
| tblVehicleEF | MH | 0.86 | 0.25 |
| tblVehicleEF | MH | 0.13 | 0.13 |
| tblVehicleEF | MH | 0.01 | 0.01 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.2190e-003 | 3.5117e-004 |
| tblVehicleEF | MH | 0.06 | 0.06 |
| tblVehicleEF | MH | 3.1990e-003 | 3.2285e-003 |
| tblVehicleEF | MH | 0.02 | 0.02 |
| tblVehicleEF | MH | 1.1210e-003 | 3.2384e-004 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MH | 1.21 | 1.21 |
| tblVehicleEF | MH | 0.09 | 0.09 |
| tblVehicleEF | MH | 0.46 | 0.44 |
| tblVehicleEF | MH | 0.10 | 0.08 |
| tblVehicleEF | MH | 0.02 | 1.92 |
| tblVehicleEF | MH | 0.37 | 0.11 |
| tblVehicleEF | MH | 0.01 | 0.02 |
| tblVehicleEF | MH | 7.2200e-004 | 2.0615e-004 |
| tblVehicleEF | MH | 1.21 | 1.21 |
| tblVehicleEF | MH | 0.09 | 0.09 |
| tblVehicleEF | MH | 0.46 | 0.44 |
| tblVehicleEF | MH | 0.14 | 0.11 |
| tblVehicleEF | MH | 0.02 | 1.92 |
| tblVehicleEF | MH | 0.40 | 0.12 |
| tblVehicleEF | MHD | 0.02 | 4.4568e-003 |
| tblVehicleEF | MHD | 5.7010e-003 | 9.4687e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.39 | 0.40 |
| tblVehicleEF | MHD | 0.42 | 0.87 |
| tblVehicleEF | MHD | 6.85 | 1.61 |
| tblVehicleEF | MHD | 131.02 | 70.09 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.05 |
| tblVehicleEF | MHD | 65.08 | 12.73 |
| tblVehicleEF | MHD | 0.52 | 0.62 |
| tblVehicleEF | MHD | 1.23 | 2.74 |
| tblVehicleEF | MHD | 9.82 | 1.00 |
| tblVehicleEF | MHD | 2.8600e-004 | 2.2441e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 2.7300e-004 | 2.1470e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.2390e-003 | 8.0244e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 7.9100e-004 | 4.9398e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.02 | 0.17 |
| tblVehicleEF | MHD | 0.42 | 0.07 |
| tblVehicleEF | MHD | 1.2630e-003 | 6.6609e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.7100e-004 | 1.2593e-004 |
| tblVehicleEF | MHD | 1.2390e-003 | 8.0244e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 7.9100e-004 | 4.9398e-004 |
| tblVehicleEF | MHD | 0.06 | 0.17 |
| tblVehicleEF | MHD | 0.02 | 0.17 |
| tblVehicleEF | MHD | 0.46 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.2175e-003 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 5.7940e-003 | 9.5490e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.28 | 0.31 |
| tblVehicleEF | MHD | 0.43 | 0.88 |
| tblVehicleEF | MHD | 6.50 | 1.53 |
| tblVehicleEF | MHD | 138.77 | 71.71 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.06 |
| tblVehicleEF | MHD | 65.08 | 12.59 |
| tblVehicleEF | MHD | 0.53 | 0.63 |
| tblVehicleEF | MHD | 1.16 | 2.58 |
| tblVehicleEF | MHD | 9.78 | 0.99 |
| tblVehicleEF | MHD | 2.4100e-004 | 1.8940e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 2.3000e-004 | 1.8121e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.8580e-003 | 1.2079e-003 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.02 |
| tblVehicleEF | MHD | 1.1240e-003 | 7.1030e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.02 | 0.16 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.40 | 0.07 |
| tblVehicleEF | MHD | 1.3360e-003 | 6.8157e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.6500e-004 | 1.2455e-004 |
| tblVehicleEF | MHD | 1.8580e-003 | 1.2079e-003 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.03 |
| tblVehicleEF | MHD | 1.1240e-003 | 7.1030e-004 |
| tblVehicleEF | MHD | 0.06 | 0.18 |
| tblVehicleEF | MHD | 0.02 | 0.16 |
| tblVehicleEF | MHD | 0.44 | 0.08 |
| tblVehicleEF | MHD | 0.02 | 4.7993e-003 |
| tblVehicleEF | MHD | 5.6760e-003 | 9.4448e-003 |
| tblVehicleEF | MHD | 0.05 | 0.01 |
| tblVehicleEF | MHD | 0.53 | 0.51 |
| tblVehicleEF | MHD | 0.42 | 0.86 |
| tblVehicleEF | MHD | 6.91 | 1.63 |
| tblVehicleEF | MHD | 120.30 | 67.85 |
| tblVehicleEF | MHD | 1,155.79 | 1,129.04 |
| tblVehicleEF | MHD | 65.08 | 12.75 |
| tblVehicleEF | MHD | 0.49 | 0.61 |
| tblVehicleEF | MHD | 1.21 | 2.69 |
| tblVehicleEF | MHD | 9.83 | 1.00 |
| tblVehicleEF | MHD | 3.4800e-004 | 2.7274e-003 |
| tblVehicleEF | MHD | 0.13 | 0.13 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 5.6410e-003 | 0.07 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | MHD | 8.9100e-004 | 1.5359e-004 |
| tblVehicleEF | MHD | 3.3300e-004 | 2.6095e-003 |
| tblVehicleEF | MHD | 0.06 | 0.06 |
| tblVehicleEF | MHD | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | MHD | 5.3920e-003 | 0.07 |
| tblVehicleEF | MHD | 8.1900e-004 | 1.4122e-004 |
| tblVehicleEF | MHD | 1.2900e-003 | 8.4856e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.03 | 0.03 |
| tblVehicleEF | MHD | 7.7500e-004 | 4.8721e-004 |
| tblVehicleEF | MHD | 0.05 | 0.15 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.42 | 0.07 |
| tblVehicleEF | MHD | 1.1630e-003 | 6.4466e-004 |
| tblVehicleEF | MHD | 0.01 | 0.01 |
| tblVehicleEF | MHD | 7.7200e-004 | 1.2619e-004 |
| tblVehicleEF | MHD | 1.2900e-003 | 8.4856e-004 |
| tblVehicleEF | MHD | 0.05 | 0.03 |
| tblVehicleEF | MHD | 0.04 | 0.04 |
| tblVehicleEF | MHD | 7.7500e-004 | 4.8721e-004 |
| tblVehicleEF | MHD | 0.06 | 0.17 |
| tblVehicleEF | MHD | 0.03 | 0.18 |
| tblVehicleEF | MHD | 0.46 | 0.08 |
| tblVehicleEF | OBUS | 0.01 | 9.0528e-003 |
| tblVehicleEF | OBUS | 8.8720e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.29 | 0.61 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.60 | 1.25 |
| tblVehicleEF | OBUS | 5.75 | 2.54 |
| tblVehicleEF | OBUS | 111.80 | 98.82 |
| tblVehicleEF | OBUS | 1,266.65 | 1,458.58 |
| tblVehicleEF | OBUS | 68.32 | 19.86 |
| tblVehicleEF | OBUS | 0.58 | 0.71 |
| tblVehicleEF | OBUS | 1.73 | 2.50 |
| tblVehicleEF | OBUS | 2.63 | 0.62 |
| tblVehicleEF | OBUS | 2.0400e-004 | 3.3787e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 1.9500e-004 | 3.2325e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 1.4710e-003 | 1.8693e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 7.7800e-004 | 9.3362e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.14 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 1.0790e-003 | 9.3986e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 7.8400e-004 | 1.9655e-004 |
| tblVehicleEF | OBUS | 1.4710e-003 | 1.8693e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 7.7800e-004 | 9.3362e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.26 |
| tblVehicleEF | OBUS | 0.39 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 9.0475e-003 |
| tblVehicleEF | OBUS | 9.0250e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.27 | 0.57 |
| tblVehicleEF | OBUS | 0.61 | 1.27 |
| tblVehicleEF | OBUS | 5.43 | 2.40 |
| tblVehicleEF | OBUS | 117.45 | 100.02 |
| tblVehicleEF | OBUS | 1,266.65 | 1,458.61 |
| tblVehicleEF | OBUS | 68.32 | 19.62 |
| tblVehicleEF | OBUS | 0.60 | 0.72 |
| tblVehicleEF | OBUS | 1.63 | 2.35 |
| tblVehicleEF | OBUS | 2.59 | 0.61 |
| tblVehicleEF | OBUS | 1.7200e-004 | 2.8530e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 1.6400e-004 | 2.7296e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 2.1550e-003 | 2.7285e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 1.1010e-003 | 1.3226e-003 |
| tblVehicleEF | OBUS | 0.07 | 0.15 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.35 | 0.12 |
| tblVehicleEF | OBUS | 1.1330e-003 | 9.5128e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.7900e-004 | 1.9419e-004 |
| tblVehicleEF | OBUS | 2.1550e-003 | 2.7285e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.05 | 0.09 |
| tblVehicleEF | OBUS | 1.1010e-003 | 1.3226e-003 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.25 |
| tblVehicleEF | OBUS | 0.38 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 9.0785e-003 |
| tblVehicleEF | OBUS | 8.8310e-003 | 0.01 |
| tblVehicleEF | OBUS | 0.03 | 0.02 |
| tblVehicleEF | OBUS | 0.31 | 0.66 |
| tblVehicleEF | OBUS | 0.60 | 1.24 |
| tblVehicleEF | OBUS | 5.81 | 2.56 |
| tblVehicleEF | OBUS | 104.00 | 97.15 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 1,266.65 | 1,458.57 |
| tblVehicleEF | OBUS | 68.32 | 19.91 |
| tblVehicleEF | OBUS | 0.56 | 0.71 |
| tblVehicleEF | OBUS | 1.70 | 2.46 |
| tblVehicleEF | OBUS | 2.64 | 0.62 |
| tblVehicleEF | OBUS | 2.4800e-004 | 4.1047e-003 |
| tblVehicleEF | OBUS | 0.13 | 0.13 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 8.7020e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.8900e-004 | 1.9874e-004 |
| tblVehicleEF | OBUS | 2.3700e-004 | 3.9271e-003 |
| tblVehicleEF | OBUS | 0.06 | 0.06 |
| tblVehicleEF | OBUS | 3.0000e-003 | 3.0000e-003 |
| tblVehicleEF | OBUS | 8.3100e-003 | 0.05 |
| tblVehicleEF | OBUS | 7.2500e-004 | 1.8291e-004 |
| tblVehicleEF | OBUS | 1.5180e-003 | 1.9793e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |
| tblVehicleEF | OBUS | 0.04 | 0.07 |
| tblVehicleEF | OBUS | 7.5800e-004 | 9.2118e-004 |
| tblVehicleEF | OBUS | 0.07 | 0.14 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.36 | 0.12 |
| tblVehicleEF | OBUS | 1.0040e-003 | 9.2410e-004 |
| tblVehicleEF | OBUS | 0.01 | 0.01 |
| tblVehicleEF | OBUS | 7.8500e-004 | 1.9702e-004 |
| tblVehicleEF | OBUS | 1.5180e-003 | 1.9793e-003 |
| tblVehicleEF | OBUS | 0.02 | 0.02 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.06 | 0.09 |
| tblVehicleEF | OBUS | 7.5800e-004 | 9.2118e-004 |
| tblVehicleEF | OBUS | 0.08 | 0.18 |
| tblVehicleEF | OBUS | 0.04 | 0.28 |
| tblVehicleEF | OBUS | 0.40 | 0.14 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 7.9517e-003 |
| tblVehicleEF | SBUS | 0.07 | 5.5911e-003 |
| tblVehicleEF | SBUS | 8.04 | 2.47 |
| tblVehicleEF | SBUS | 0.79 | 0.66 |
| tblVehicleEF | SBUS | 7.53 | 0.78 |
| tblVehicleEF | SBUS | 1,136.99 | 350.96 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.40 |
| tblVehicleEF | SBUS | 53.57 | 4.74 |
| tblVehicleEF | SBUS | 9.91 | 3.43 |
| tblVehicleEF | SBUS | 4.55 | 5.48 |
| tblVehicleEF | SBUS | 12.42 | 0.77 |
| tblVehicleEF | SBUS | 0.01 | 5.0981e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 0.01 | 4.8776e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 3.3870e-003 | 8.4800e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.2494e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |
| tblVehicleEF | SBUS | 1.7160e-003 | 4.2965e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.40 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.3445e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.6600e-004 | 4.6882e-005 |
| tblVehicleEF | SBUS | 3.3870e-003 | 8.4800e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.2494e-003 |
| tblVehicleEF | SBUS | 1.40 | 0.40 |
| tblVehicleEF | SBUS | 1.7160e-003 | 4.2965e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.43 | 0.04 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 8.0370e-003 |
| tblVehicleEF | SBUS | 0.06 | 4.9797e-003 |
| tblVehicleEF | SBUS | 7.92 | 2.43 |
| tblVehicleEF | SBUS | 0.80 | 0.67 |
| tblVehicleEF | SBUS | 6.11 | 0.64 |
| tblVehicleEF | SBUS | 1,188.84 | 360.21 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.41 |
| tblVehicleEF | SBUS | 53.57 | 4.49 |
| tblVehicleEF | SBUS | 10.22 | 3.51 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 4.29 | 5.17 |
| tblVehicleEF | SBUS | 12.39 | 0.77 |
| tblVehicleEF | SBUS | 9.0250e-003 | 4.3047e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 8.6350e-003 | 4.1185e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |
| tblVehicleEF | SBUS | 4.9940e-003 | 1.2331e-003 |
| tblVehicleEF | SBUS | 0.03 | 7.3700e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |
| tblVehicleEF | SBUS | 2.4540e-003 | 6.0281e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.35 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.4320e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.4200e-004 | 4.4468e-005 |
| tblVehicleEF | SBUS | 4.9940e-003 | 1.2331e-003 |
| tblVehicleEF | SBUS | 0.03 | 7.3700e-003 |
| tblVehicleEF | SBUS | 1.39 | 0.40 |
| tblVehicleEF | SBUS | 2.4540e-003 | 6.0281e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 0.01 | 0.05 |
| tblVehicleEF | SBUS | 0.38 | 0.03 |
| tblVehicleEF | SBUS | 0.86 | 0.06 |
| tblVehicleEF | SBUS | 0.01 | 7.9268e-003 |
| tblVehicleEF | SBUS | 0.07 | 5.7268e-003 |
| tblVehicleEF | SBUS | 8.21 | 2.53 |
| tblVehicleEF | SBUS | 0.78 | 0.66 |
| tblVehicleEF | SBUS | 7.78 | 0.81 |
| tblVehicleEF | SBUS | 1,065.38 | 338.18 |
| tblVehicleEF | SBUS | 1,088.61 | 1,142.39 |
| tblVehicleEF | SBUS | 53.57 | 4.78 |
| tblVehicleEF | SBUS | 9.47 | 3.32 |
| tblVehicleEF | SBUS | 4.47 | 5.39 |
| tblVehicleEF | SBUS | 12.43 | 0.77 |
| tblVehicleEF | SBUS | 0.01 | 6.1938e-003 |
| tblVehicleEF | SBUS | 0.74 | 0.74 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 0.03 | 0.03 |
| tblVehicleEF | SBUS | 7.8000e-004 | 4.1339e-005 |
| tblVehicleEF | SBUS | 0.01 | 5.9258e-003 |
| tblVehicleEF | SBUS | 0.32 | 0.32 |
| tblVehicleEF | SBUS | 2.6770e-003 | 2.7073e-003 |
| tblVehicleEF | SBUS | 0.02 | 0.03 |
| tblVehicleEF | SBUS | 7.1700e-004 | 3.8010e-005 |
| tblVehicleEF | SBUS | 3.5050e-003 | 8.8218e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.8209e-003 |
| tblVehicleEF | SBUS | 0.97 | 0.28 |

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| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 1.6510e-003 | 4.1639e-004 |
| tblVehicleEF | SBUS | 0.11 | 0.11 |
| tblVehicleEF | SBUS | 0.02 | 0.06 |
| tblVehicleEF | SBUS | 0.40 | 0.03 |
| tblVehicleEF | SBUS | 0.01 | 3.2238e-003 |
| tblVehicleEF | SBUS | 0.01 | 0.01 |
| tblVehicleEF | SBUS | 6.7000e-004 | 4.7323e-005 |
| tblVehicleEF | SBUS | 3.5050e-003 | 8.8218e-004 |
| tblVehicleEF | SBUS | 0.03 | 7.8209e-003 |
| tblVehicleEF | SBUS | 1.40 | 0.41 |
| tblVehicleEF | SBUS | 1.6510e-003 | 4.1639e-004 |
| tblVehicleEF | SBUS | 0.13 | 0.13 |
| tblVehicleEF | SBUS | 0.02 | 0.06 |
| tblVehicleEF | SBUS | 0.44 | 0.04 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.79 | 42.44 |
| tblVehicleEF | UBUS | 8.90 | 0.71 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.66 |
| tblVehicleEF | UBUS | 10.68 | 1.20 |
| tblVehicleEF | UBUS | 15.66 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 4.1600e-003 | 5.6311e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.6043e-003 |
| tblVehicleEF | UBUS | 2.3580e-003 | 4.4793e-004 |
| tblVehicleEF | UBUS | 0.90 | 0.15 |
| tblVehicleEF | UBUS | 0.02 | 0.05 |
| tblVehicleEF | UBUS | 0.67 | 0.05 |
| tblVehicleEF | UBUS | 9.9290e-003 | 1.5960e-003 |
| tblVehicleEF | UBUS | 1.0860e-003 | 8.5721e-005 |
| tblVehicleEF | UBUS | 4.1600e-003 | 5.6311e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.6043e-003 |
| tblVehicleEF | UBUS | 2.3580e-003 | 4.4793e-004 |
| tblVehicleEF | UBUS | 3.79 | 6.37 |
| tblVehicleEF | UBUS | 0.02 | 0.05 |
| tblVehicleEF | UBUS | 0.73 | 0.05 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.84 | 42.44 |
| tblVehicleEF | UBUS | 7.71 | 0.62 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.52 |
| tblVehicleEF | UBUS | 10.07 | 1.20 |
| tblVehicleEF | UBUS | 15.61 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 5.9260e-003 | 8.2288e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.8577e-003 |
| tblVehicleEF | UBUS | 3.2450e-003 | 6.2256e-004 |
| tblVehicleEF | UBUS | 0.91 | 0.15 |
| tblVehicleEF | UBUS | 0.02 | 0.04 |
| tblVehicleEF | UBUS | 0.61 | 0.04 |
| tblVehicleEF | UBUS | 9.9300e-003 | 1.5961e-003 |
| tblVehicleEF | UBUS | 1.0650e-003 | 8.4268e-005 |
| tblVehicleEF | UBUS | 5.9260e-003 | 8.2288e-004 |
| tblVehicleEF | UBUS | 0.07 | 7.8577e-003 |
| tblVehicleEF | UBUS | 3.2450e-003 | 6.2256e-004 |
| tblVehicleEF | UBUS | 3.80 | 6.37 |
| tblVehicleEF | UBUS | 0.02 | 0.04 |
| tblVehicleEF | UBUS | 0.67 | 0.05 |
| tblVehicleEF | UBUS | 2.78 | 6.17 |
| tblVehicleEF | UBUS | 0.05 | 0.01 |
| tblVehicleEF | UBUS | 11.77 | 42.44 |
| tblVehicleEF | UBUS | 9.11 | 0.72 |
| tblVehicleEF | UBUS | 1,987.48 | 1,982.38 |
| tblVehicleEF | UBUS | 92.58 | 8.69 |
| tblVehicleEF | UBUS | 10.47 | 1.20 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|-----------------|--------|-------------|-------------|
| tblVehicleEF | UBUS | 15.67 | 0.08 |
| tblVehicleEF | UBUS | 0.62 | 0.07 |
| tblVehicleEF | UBUS | 0.01 | 0.03 |
| tblVehicleEF | UBUS | 0.14 | 3.7132e-003 |
| tblVehicleEF | UBUS | 1.0320e-003 | 3.5829e-005 |
| tblVehicleEF | UBUS | 0.27 | 0.03 |
| tblVehicleEF | UBUS | 3.0000e-003 | 7.9833e-003 |
| tblVehicleEF | UBUS | 0.13 | 3.5501e-003 |
| tblVehicleEF | UBUS | 9.4900e-004 | 3.2944e-005 |
| tblVehicleEF | UBUS | 4.7460e-003 | 5.5071e-004 |
| tblVehicleEF | UBUS | 0.09 | 8.1194e-003 |
| tblVehicleEF | UBUS | 2.4840e-003 | 4.2610e-004 |
| tblVehicleEF | UBUS | 0.90 | 0.15 |
| tblVehicleEF | UBUS | 0.03 | 0.06 |
| tblVehicleEF | UBUS | 0.68 | 0.05 |
| tblVehicleEF | UBUS | 9.9290e-003 | 1.5960e-003 |
| tblVehicleEF | UBUS | 1.0900e-003 | 8.6004e-005 |
| tblVehicleEF | UBUS | 4.7460e-003 | 5.5071e-004 |
| tblVehicleEF | UBUS | 0.09 | 8.1194e-003 |
| tblVehicleEF | UBUS | 2.4840e-003 | 4.2610e-004 |
| tblVehicleEF | UBUS | 3.78 | 6.37 |
| tblVehicleEF | UBUS | 0.03 | 0.06 |
| tblVehicleEF | UBUS | 0.75 | 0.05 |
| tblVehicleTrips | CC_TL | 8.40 | 7.30 |
| tblVehicleTrips | CC_TL | 8.40 | 7.30 |
| tblVehicleTrips | CNW_TL | 6.90 | 7.30 |
| tblVehicleTrips | CNW_TL | 6.90 | 7.30 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| | | | |
|-----------------|---------------------|----------------|------|
| tblVehicleTrips | CW_TL | 16.60 | 9.50 |
| tblVehicleTrips | CW_TL | 16.60 | 9.50 |
| tblVehicleTrips | ST_TR | 22.75 | 1.96 |
| tblVehicleTrips | ST_TR | 2.46 | 1.96 |
| tblVehicleTrips | SU_TR | 16.74 | 2.19 |
| tblVehicleTrips | SU_TR | 1.05 | 2.19 |
| tblVehicleTrips | WD_TR | 1.89 | 0.78 |
| tblVehicleTrips | WD_TR | 11.03 | 0.78 |
| tblWater | OutdoorWaterUseRate | 599,315,118.88 | 0.00 |

2.0 Emissions Summary

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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 | | | | | |
| 2020 | 3.3726 | 33.2422 | 22.2141 | 0.0400 | 0.1232 | 1.6598 | 1.7830 | 0.0327 | 1.5428 | 1.5755 | 0.0000 | 3,870.652 3 | 3,870.652 3 | 1.0619 | 0.0000 | 3,897.199 7 |
| 2022 | 3.2335 | 33.1236 | 20.1647 | 0.0394 | 18.2141 | 1.6138 | 19.8279 | 9.9699 | 1.4847 | 11.4546 | 0.0000 | 3,823.896 3 | 3,823.896 3 | 1.1960 | 0.0000 | 3,853.796 5 |
| 2023 | 3.3880 | 34.5559 | 28.5278 | 0.0636 | 2,471.849 8 | 1.4258 | 2,473.275 5 | 269.5876 | 1.3117 | 270.8993 | 0.0000 | 6,159.026 2 | 6,159.026 2 | 1.9481 | 0.0000 | 6,207.728 6 |
| 2027 | 33.9269 | 272.6953 | 260.8646 | 1.5015 | 99.9212 | 1.3435 | 101.2647 | 27.0548 | 1.2575 | 28.3124 | 0.0000 | 156,340.2 157 | 156,340.2 157 | 6.9537 | 0.0000 | 156,514.0 577 |
| 2062 | 1.0112 | 3.6566 | 15.8177 | 0.0281 | 0.1071 | 0.1164 | 0.2235 | 0.0263 | 0.1164 | 0.1427 | 0.0000 | 2,656.516 8 | 2,656.516 8 | 0.0893 | 0.0000 | 2,658.748 9 |
| 2065 | 92.8149 | 0.7270 | 1.7923 | 2.9700e-003 | 13.1436 | 7.4300e-003 | 13.1511 | 3.2262 | 7.4300e-003 | 3.2336 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | 0.0000 | 281.6957 |
| Maximum | 92.8149 | 272.6953 | 260.8646 | 1.5015 | 2,471.849 8 | 1.6598 | 2,473.275 5 | 269.5876 | 1.5428 | 270.8993 | 0.0000 | 156,340.2 157 | 156,340.2 157 | 6.9537 | 0.0000 | 156,514.0 577 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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 | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Energy | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | | 6.7506 |
| Mobile | 4.0980 | 3.8191 | 28.4744 | 0.0520 | 4.9730 | 0.0591 | 5.0321 | 1.3246 | 0.0553 | 1.3799 | 5,293.444 2 | 5,293.444 2 | 0.4462 | | | 5,304.600 1 |
| Total | 5.3432 | 3.8252 | 28.5309 | 0.0520 | 4.9730 | 0.0597 | 5.0327 | 1.3246 | 0.0559 | 1.3805 | 5,300.265 4 | 5,300.265 4 | 0.4467 | 1.2000e-004 | | 5,311.468 6 |

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 | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Energy | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | | 6.7506 |
| Mobile | 4.0980 | 3.8191 | 28.4744 | 0.0520 | 4.9730 | 0.0591 | 5.0321 | 1.3246 | 0.0553 | 1.3799 | 5,293.444 2 | 5,293.444 2 | 0.4462 | | | 5,304.600 1 |
| Total | 5.3432 | 3.8252 | 28.5309 | 0.0520 | 4.9730 | 0.0597 | 5.0327 | 1.3246 | 0.0559 | 1.3805 | 5,300.265 4 | 5,300.265 4 | 0.4467 | 1.2000e-004 | | 5,311.468 6 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

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

3.0 Construction Detail

Construction Phase

| Phase Number | Phase Name | Phase Type | Start Date | End Date | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------|-----------------------|------------|------------|---------------|----------|-------------------|
| 1 | Demolition | Demolition | 1/1/2020 | 1/1/2020 | 5 | 1 | |
| 2 | Site Preparation | Site Preparation | 4/20/2022 | 4/20/2022 | 5 | 1 | |
| 3 | Grading | Grading | 9/6/2023 | 9/6/2023 | 5 | 1 | |
| 4 | Building Construction | Building Construction | 3/31/2027 | 3/31/2027 | 5 | 1 | |
| 5 | Paving | Paving | 11/22/2062 | 11/22/2062 | 5 | 1 | |
| 6 | Architectural Coating | Architectural Coating | 6/3/2065 | 6/3/2065 | 5 | 1 | |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2325

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,000; Non-Residential Outdoor: 2,000; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition | Concrete/Industrial Saws | 1 | 8.00 | 81 | 0.73 |
| Demolition | Excavators | 3 | 8.00 | 158 | 0.38 |
| Demolition | Rubber Tired Dozers | 2 | 8.00 | 247 | 0.40 |
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0.37 |
| Grading | Excavators | 2 | 8.00 | 158 | 0.38 |
| Grading | Graders | 1 | 8.00 | 187 | 0.41 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0.40 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0.48 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0.37 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0.29 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0.20 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0.37 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0.45 |
| Paving | Pavers | 2 | 8.00 | 130 | 0.42 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0.36 |
| Paving | Rollers | 2 | 8.00 | 80 | 0.38 |
| Architectural Coating | Air Compressors | 1 | 6.00 | 78 | 0.48 |

Trips and VMT

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

| Phase Name | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition | 6 | 15.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Site Preparation | 7 | 18.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Grading | 8 | 20.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Building Construction | 9 | 9,203.00 | 3,591.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Paving | 6 | 15.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |
| Architectural Coating | 1 | 1,841.00 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | LD_Mix | HDT_Mix | HHDT |

3.1 Mitigation Measures Construction**3.2 Demolition - 2020****Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------------|----------------|-----------|-----|----------------|------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Off-Road | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 3,747.704 9 | 3,747.704 9 | 1.0580 | | 3,774.153 6 | |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 3,747.704 9 | 3,747.704 9 | 1.0580 | | 3,774.153 6 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.2 Demolition - 2020**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------|-----------------|--|
| Category | 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 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 0.0604 | 0.0412 | 0.4609 | 1.2300e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | 122.9474 | 122.9474 | 3.9500e-003 | 123.0461 | | | |
| Total | 0.0604 | 0.0412 | 0.4609 | 1.2300e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | | 122.9474 | 122.9474 | 3.9500e-003 | | 123.0461 | |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |
| Total | 3.3121 | 33.2010 | 21.7532 | 0.0388 | | 1.6587 | 1.6587 | | 1.5419 | 1.5419 | 0.0000 | 3,747.7049 | 3,747.7049 | 1.0580 | | 3,774.1536 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.2 Demolition - 2020**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-------------|-------------|--------|----------|--|
| Category | 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 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 0.0604 | 0.0412 | 0.4609 | 1.2300e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | 122.9474 | 122.9474 | 3.9500e-003 | 123.0461 | | | |
| Total | 0.0604 | 0.0412 | 0.4609 | 1.2300e-003 | 0.1232 | 1.0600e-003 | 0.1243 | 0.0327 | 9.7000e-004 | 0.0337 | | 122.9474 | 122.9474 | 3.9500e-003 | | 123.0461 | |

3.3 Site Preparation - 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 | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | 0.0000 | 0.0000 | | | | 0.0000 |
| Off-Road | 3.1701 | 33.0835 | 19.6978 | 0.0380 | | 1.6126 | 1.6126 | | 1.4836 | 1.4836 | 3,686.0619 | 3,686.0619 | 1.1922 | | | 3,715.8655 |
| Total | 3.1701 | 33.0835 | 19.6978 | 0.0380 | 18.0663 | 1.6126 | 19.6788 | 9.9307 | 1.4836 | 11.4143 | 3,686.0619 | 3,686.0619 | 1.1922 | | | 3,715.8655 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2022**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------------|-----------------|--------------------|--------|-----------------|
| Category | 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 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0634 | 0.0401 | 0.4670 | 1.3800e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | 137.8344 | 137.8344 | 3.8600e-003 | | | 137.9309 |
| Total | 0.0634 | 0.0401 | 0.4670 | 1.3800e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | | 137.8344 | 137.8344 | 3.8600e-003 | | 137.9309 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 18.0663 | 0.0000 | 18.0663 | 9.9307 | 0.0000 | 9.9307 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.1701 | 33.0835 | 19.6978 | 0.0380 | | 1.6126 | 1.6126 | | 1.4836 | 1.4836 | 0.0000 | 3,686.0619 | 3,686.0619 | 1.1922 | | 3,715.8655 |
| Total | 3.1701 | 33.0835 | 19.6978 | 0.0380 | 18.0663 | 1.6126 | 19.6788 | 9.9307 | 1.4836 | 11.4143 | 0.0000 | 3,686.0619 | 3,686.0619 | 1.1922 | | 3,715.8655 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2022**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|----------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-------------|-------------|--------|----------|--|
| Category | 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 | 0.0000 | 0.0000 | |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| Worker | 0.0634 | 0.0401 | 0.4670 | 1.3800e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | 137.8344 | 137.8344 | 3.8600e-003 | | | 137.9309 | |
| Total | 0.0634 | 0.0401 | 0.4670 | 1.3800e-003 | 0.1479 | 1.1900e-003 | 0.1491 | 0.0392 | 1.0900e-003 | 0.0403 | | 137.8344 | 137.8344 | 3.8600e-003 | | 137.9309 | |

3.4 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 | | | | | 2,471.685 5 | 0.0000 | 2,471.685 5 | 269.5440 | 0.0000 | 269.5440 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | 6,011.4777 | 6,011.4777 | 1.9442 | | | 6,060.083 6 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 2,471.685 5 | 1.4245 | 2,473.110 0 | 269.5440 | 1.3105 | 270.8546 | 6,011.477 7 | 6,011.477 7 | 1.9442 | | | 6,060.083 6 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.4 Grading - 2023**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0662 | 0.0403 | 0.4766 | 1.4800e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | 147.5485 | 147.5485 | 3.8600e-003 | 147.6450 | | |
| Total | 0.0662 | 0.0403 | 0.4766 | 1.4800e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | 147.5485 | 147.5485 | 3.8600e-003 | | | 147.6450 |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | | | | | 2,471.685 5 | 0.0000 | 2,471.685 5 | 269.5440 | 0.0000 | 269.5440 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Off-Road | 3.3217 | 34.5156 | 28.0512 | 0.0621 | | 1.4245 | 1.4245 | | 1.3105 | 1.3105 | 0.0000 | 6,011.4777 | 6,011.4777 | 1.9442 | | 6,060.0836 |
| Total | 3.3217 | 34.5156 | 28.0512 | 0.0621 | 2,471.685 5 | 1.4245 | 2,473.110 0 | 269.5440 | 1.3105 | 270.8546 | 0.0000 | 6,011.477 7 | 6,011.477 7 | 1.9442 | | 6,060.083 6 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.4 Grading - 2023**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 |
| Vendor | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Worker | 0.0662 | 0.0403 | 0.4766 | 1.4800e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | 147.5485 | 147.5485 | 3.8600e-003 | | | 147.6450 |
| Total | 0.0662 | 0.0403 | 0.4766 | 1.4800e-003 | 0.1643 | 1.2800e-003 | 0.1656 | 0.0436 | 1.1800e-003 | 0.0448 | | 147.5485 | 147.5485 | 3.8600e-003 | | 147.6450 |

3.5 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 | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | | 2,571.498 1 |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2027**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 | |
| Vendor | 7.5085 | 247.1141 | 79.3309 | 0.8820 | 24.3207 | 0.2957 | 24.6164 | 7.0021 | 0.2826 | 7.2847 | 94,685.25 76 | 94,685.25 76 | 5.1078 | | | 94,812.95 22 | |
| Worker | 25.0511 | 13.1115 | 165.4491 | 0.5925 | 75.6005 | 0.5202 | 76.1207 | 20.0528 | 0.4787 | 20.5314 | 59,098.48 38 | 59,098.48 38 | 1.2449 | | | 59,129.60 73 | |
| Total | 32.5595 | 260.2256 | 244.7800 | 1.4746 | 99.9212 | 0.8159 | 100.7371 | 27.0548 | 0.7613 | 27.8161 | 153,783.7 414 | 153,783.7 414 | 6.3527 | | | 153,942.5 596 | |

Mitigated Construction On-Site

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 4 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 | |
| Total | 1.3674 | 12.4697 | 16.0847 | 0.0270 | | 0.5276 | 0.5276 | | 0.4963 | 0.4963 | 0.0000 | 2,556.474 4 | 2,556.474 4 | 0.6010 | | 2,571.498 1 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2027**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 0.0000 | 0.0000 | |
| Vendor | 7.5085 | 247.1141 | 79.3309 | 0.8820 | 24.3207 | 0.2957 | 24.6164 | 7.0021 | 0.2826 | 7.2847 | 94,685.25 76 | 94,685.25 76 | 5.1078 | | 94,812.95 22 | | |
| Worker | 25.0511 | 13.1115 | 165.4491 | 0.5925 | 75.6005 | 0.5202 | 76.1207 | 20.0528 | 0.4787 | 20.5314 | 59,098.48 38 | 59,098.48 38 | 1.2449 | | 59,129.60 73 | | |
| Total | 32.5595 | 260.2256 | 244.7800 | 1.4746 | 99.9212 | 0.8159 | 100.7371 | 27.0548 | 0.7613 | 27.8161 | 153,783.7 414 | 153,783.7 414 | 6.3527 | | 153,942.5 596 | | |

3.6 Paving - 2062**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 | |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 | |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 | |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.6 Paving - 2062**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 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 | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |
| Paving | 0.0000 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Total | 1.0112 | 3.6566 | 15.8177 | 0.0281 | | 0.1164 | 0.1164 | | 0.1164 | 0.1164 | 0.0000 | 2,656.516 8 | 2,656.516 8 | 0.0893 | | 2,658.748 9 |

Los Cerritos Wetlands Restoration - Operations only - Los Angeles-South Coast County, Winter

3.6 Paving - 2062**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 0.1071 | 0.0000 | 0.1071 | 0.0263 | 0.0000 | 0.0263 | | | 0.0000 | | | 0.0000 |

3.7 Architectural Coating - 2065**Unmitigated Construction On-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 | 92.7000 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 92.8149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

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3.7 Architectural Coating - 2065**Unmitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 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 | 92.7000 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Off-Road | 0.1149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |
| Total | 92.8149 | 0.7270 | 1.7923 | 2.9700e-003 | | 7.4300e-003 | 7.4300e-003 | | 7.4300e-003 | 7.4300e-003 | 0.0000 | 281.4481 | 281.4481 | 9.9000e-003 | | 281.6957 |

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3.7 Architectural Coating - 2065**Mitigated Construction Off-Site**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 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 |
| Vendor | | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Worker | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 0.0000 | | | 0.0000 |
| Total | | | | | 13.1436 | 0.0000 | 13.1436 | 3.2262 | 0.0000 | 3.2262 | | | 0.0000 | | | 0.0000 |

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

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------|--------|--------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------------|----------------|-----------|-----|----------------|------|--|
| Category | lb/day | | | | | | | | | | | lb/day | | | | | |
| Mitigated | 4.0980 | 3.8191 | 28.4744 | 0.0520 | 4.9730 | 0.0591 | 5.0321 | 1.3246 | 0.0553 | 1.3799 | 5,293.444 2 | 5,293.444 2 | 0.4462 | | 5,304.600 1 | | |
| Unmitigated | 4.0980 | 3.8191 | 28.4744 | 0.0520 | 4.9730 | 0.0591 | 5.0321 | 1.3246 | 0.0553 | 1.3799 | 5,293.444 2 | 5,293.444 2 | 0.4462 | | 5,304.600 1 | | |

4.2 Trip Summary Information

| Land Use | Average Daily Trip Rate | | | Unmitigated | | Mitigated | |
|-------------------------|-------------------------|----------|----------|-------------|--|------------|--|
| | Weekday | Saturday | Sunday | Annual VMT | | Annual VMT | |
| City Park | 392.34 | 985.88 | 1101.57 | 1,234,906 | | 1,234,906 | |
| General Office Building | 1.56 | 3.92 | 4.38 | 5,496 | | 5,496 | |
| Total | 393.90 | 989.80 | 1,105.95 | 1,240,402 | | 1,240,402 | |

4.3 Trip Type Information

| Land Use | Miles | | | Trip % | | | Trip Purpose % | | |
|-------------------------|------------|------------|-------------|------------|------------|-------------|----------------|----------|---------|
| | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C-W | H-S or C-C | H-O or C-NW | Primary | Diverted | Pass-by |
| City Park | 9.50 | 7.30 | 7.30 | 33.00 | 48.00 | 19.00 | 66 | 28 | 6 |
| General Office Building | 9.50 | 7.30 | 7.30 | 33.00 | 48.00 | 19.00 | 77 | 19 | 4 |

4.4 Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| City Park | 0.551001 | 0.059862 | 0.185577 | 0.128146 | 0.022541 | 0.005543 | 0.010825 | 0.007967 | 0.000967 | 0.000632 | 0.022803 | 0.000681 | 0.003455 |
| General Office Building | 0.551001 | 0.059862 | 0.185577 | 0.128146 | 0.022541 | 0.005543 | 0.010825 | 0.007967 | 0.000967 | 0.000632 | 0.022803 | 0.000681 | 0.003455 |

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------------------|-------------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-------------|-------------|--------|------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| NaturalGas Mitigated | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |
| NaturalGas Unmitigated | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |

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

| | NaturalGas Use | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e | |
|-------------------------|----------------|--------------------|--------------------|--------------------|--------------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------------|---------------|--------------------|--------------------|---------------|--|
| Land Use | kBTU/yr | lb/day | | | | | | | | | | lb/day | | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| General Office Building | 57.0411 | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |
| Total | | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |

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 | | | | | | |
| City Park | 0 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| General Office Building | 0.0570411 | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |
| Total | | 6.2000e-004 | 5.5900e-003 | 4.7000e-003 | 3.0000e-005 | | 4.3000e-004 | 4.3000e-004 | | 4.3000e-004 | 4.3000e-004 | | 6.7107 | 6.7107 | 1.3000e-004 | 1.2000e-004 | 6.7506 | |

6.0 Area Detail**6.1 Mitigation Measures Area**

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| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|--------|-------------|--------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-------------|-----|-----|--------|
| Category | lb/day | | | | | | | | | | lb/day | | | | | |
| Mitigated | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Unmitigated | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |

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 | 0.0254 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Consumer Products | 1.2143 | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | | 0.0000 | | | 0.0000 |
| Landscaping | 4.8300e-003 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |
| Total | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | 0.1105 | 0.1105 | 2.9000e-004 | | | 0.1179 |

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6.2 Area by SubCategory**Mitigated**

| | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|---------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------------|---------------|--------------------|-----|---------------|
| SubCategory | lb/day | | | | | | | | | | lb/day | | | | | |
| Architectural Coating | 0.0254 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Consumer Products | 1.2143 | | | | | | 0.0000 | 0.0000 | | 0.0000 | 0.0000 | | 0.0000 | | | 0.0000 |
| Landscaping | 4.8300e-003 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | | 0.1105 | 0.1105 | 2.9000e-004 | | 0.1179 |
| Total | 1.2446 | 4.7000e-004 | 0.0518 | 0.0000 | | 1.9000e-004 | 1.9000e-004 | | 1.9000e-004 | 1.9000e-004 | | 0.1105 | 0.1105 | 2.9000e-004 | | 0.1179 |

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 |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

11.0 Vegetation
