

Appendix F – Greenhouse Gas Assessment

Greenhouse Gas Emissions Assessment
Summit Station
City of Beaumont, California

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February 2022

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APPENDIX

Appendix A: Greenhouse Gas Emissions Data

LIST OF ABBREVIATED TERMS

AB	Assembly Bill
CARB	California Air Resource Board
CCR	California Code of Regulations
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CALGreen Code	California Green Building Standards Code
CPUC	California Public Utilities Commission
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CFC	Chlorofluorocarbon
CCSP	Climate Change Scoping Plan
cy	cubic yard
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
FR	Federal Register
GHG	greenhouse gas
HCFC	Hydrochlorofluorocarbon
HFC	Hydrofluorocarbon
LCFS	Low Carbon Fuel Standard
CH ₄	Methane
MMTCO ₂ e	million metric tons of carbon dioxide equivalent
MTCO ₂ e	metric tons of carbon dioxide equivalent
NHTSA	National Highway Traffic Safety Administration
NF ₃	nitrogen trifluoride
N ₂ O	nitrous oxide
PFC	Perfluorocarbon
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SCAG	Southern California Association of Government
Sf	square foot
SF ₆	sulfur hexafluoride
TAC	toxic air contaminants

1 INTRODUCTION

This report documents the results of a Greenhouse Gas (GHG) Emissions Assessment completed for the Summit Station project (Project). The purpose of this GHG Emissions Assessment is to evaluate the potential construction and operational emissions associated with the Project and determine the level of impact the Project would have on the environment.

1.1 Project Location

The Project site is in the northwest portion of the City of Beaumont. The Project site is approximately 188 acres located south of Cherry Valley Boulevard, north of Brookside Avenue, and east of Interstate 10 (I-10). There are various vacant and undeveloped land parcels to the east and west of the Project site.

The City of Beaumont is a City in Riverside County, California, located at a half-mile elevation in the pass area south of Southern California's highest peak, San Geronio Mountain, and north of San Jacinto peak. Beaumont is bounded on the east by the City of Banning, on the south by the City of San Jacinto, on the west by the City of Calimesa, and on the north by the unincorporated community of Cherry Valley; see [Exhibit 1: Regional Vicinity](#) and [Exhibit 2: Site Vicinity](#).

1.2 Project Description

The Project site is divided into five parcels and will be developed in two phases. Phase 1 will include Parcels 1, 2, and 3 designated for industrial uses. These parcels are proposed to be developed with three separate industrial warehouse buildings, as follows:

- Building 1: 985,860 square feet
- Building 2: 1,213,235 square feet
- Building 3: 358,370 square feet

The Project proposed to amend the existing zoning from Single-Family Residential to Light Industrial for Parcels 1,2, and 3 to allow for industrial uses. Phase 1 of construction is anticipated to begin the second quarter of 2023 and conclude in the third quarter of 2024.

Parcel 4 be developed as part of Phase 2 and would include the development of commercial uses, as follows:

- Four-story hotel: 220 rooms
- Shopping center: 25,000 square feet
- Two restaurants: 25,000 square feet in total

Phase 2 of the Project is anticipated to begin early 2026 and finish mid to late 2027.

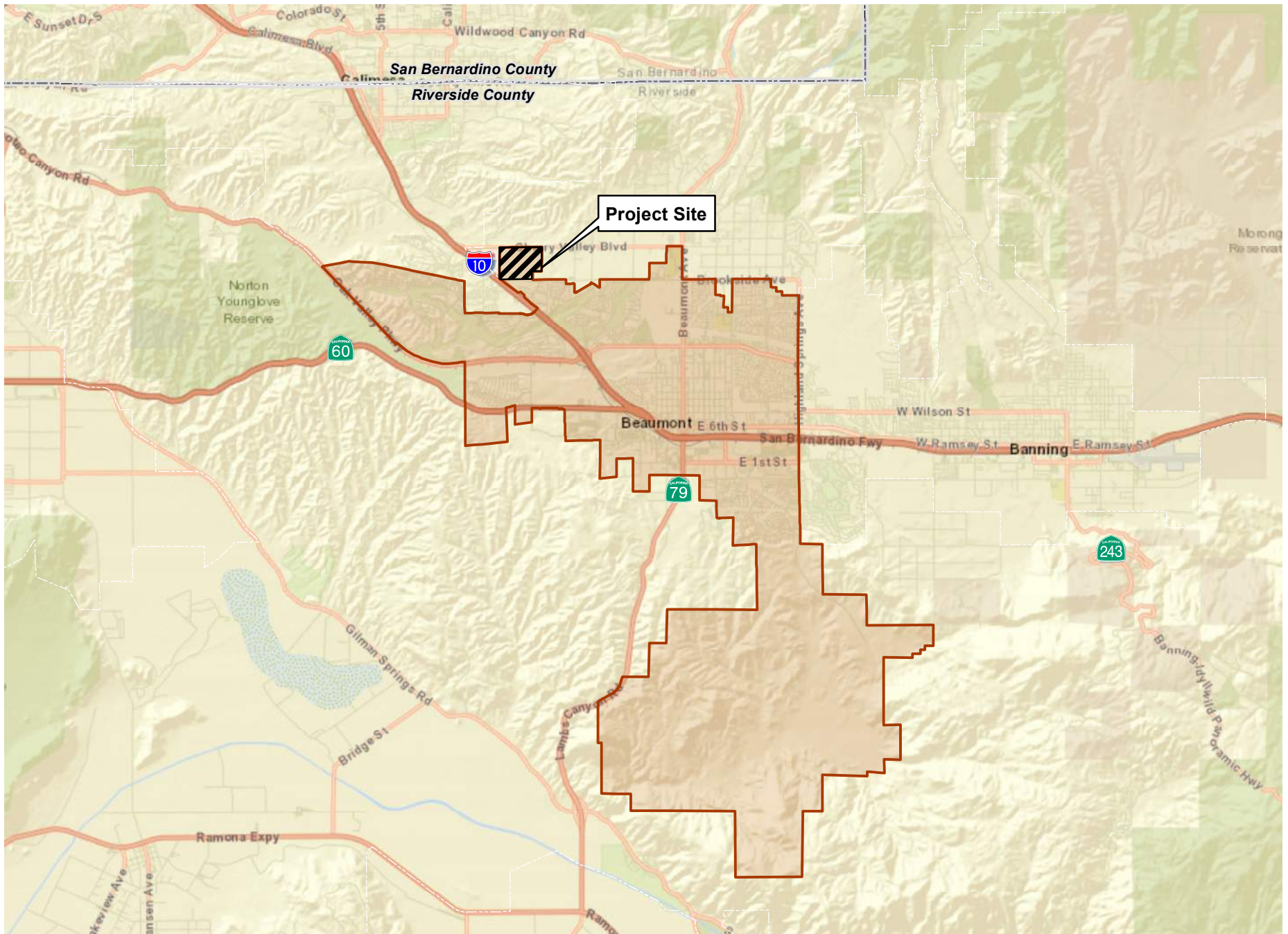
Parcel 5 would remain as open space; see [Exhibit 3: Conceptual Site Plan](#). The current zoning for the Project site is Specific Plan. All proposed changes associated with the Project are located within areas previously annexed to the City of Beaumont by Local Agency Formation Commission (LAFCo).

Table 1: Proposed Land Uses shows the summary of the proposed land uses and attributed areas.

Table 1: Proposed Land Uses	
Land Use	Area
Phase 1	
Building 1 (High-Cube Short-Term Storage)	985,860 (SF)
Building 2 (High-Cube Fulfillment Center – Sort)	1,213,235 (SF)
Building 3 (Warehousing)	358,370 (SF)
Phase 2	
Commercial Parcel:	
- Hotel	220 (Rooms)
- Shopping center	25,000 (SF)
- High-Turnover (Sit-Down) Restaurant	15,000 (SF)
- Fast-Food Restaurant w/ Drive-thru	10,000 (SF)

Parking

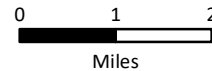
Parking would be scattered throughout the site and located on the north, west, south, and center portions of the Project site. The proposed Project would provide 1,482 automobile parking stalls and 918 trailer stalls.



Source: ESRI World Street Map

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EXHIBIT 1: Regional Vicinity
Beaumont Summit Station

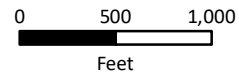


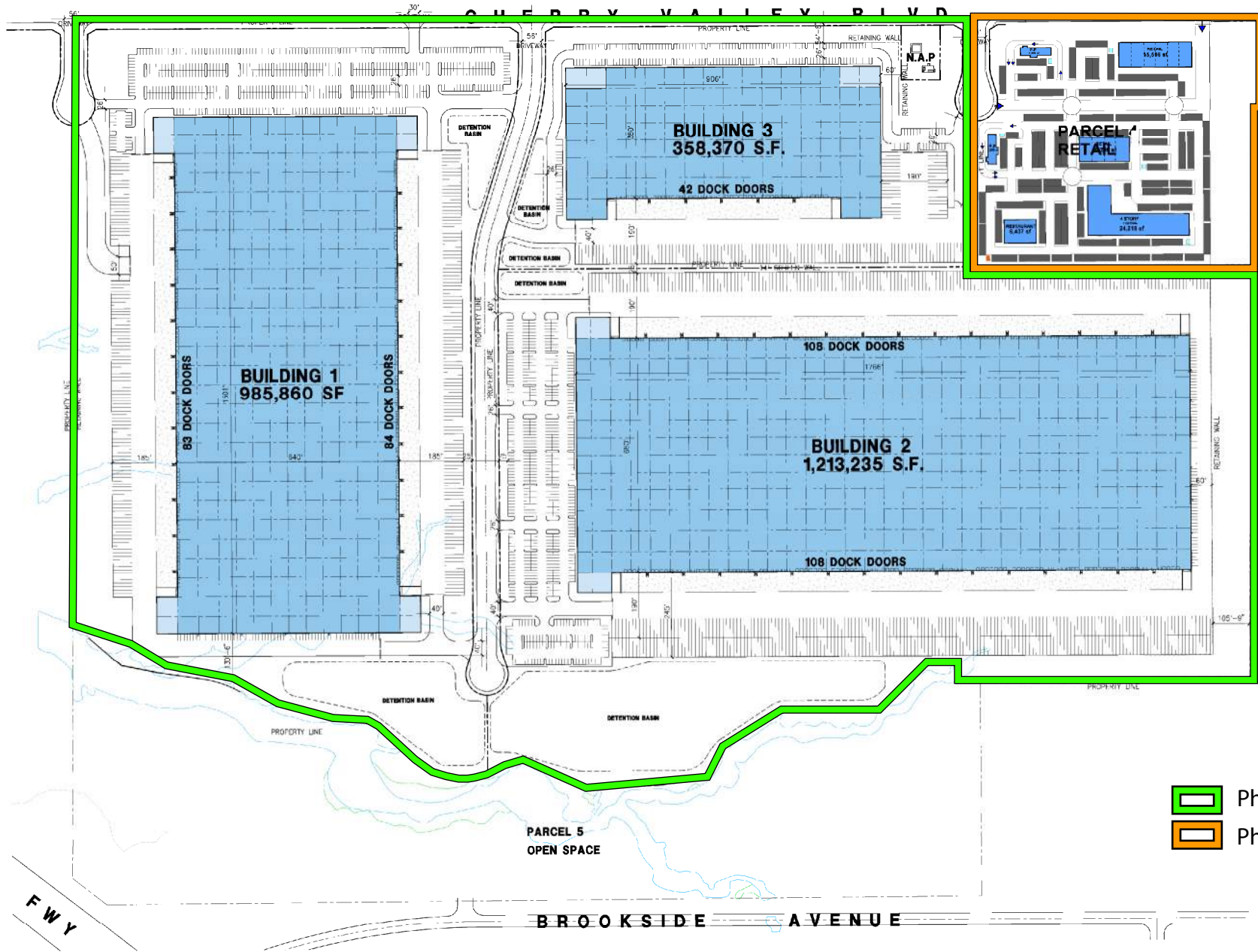


Source: ESRI World Imagery

EXHIBIT 2: Site Vicinity
Beaumont Summit Station

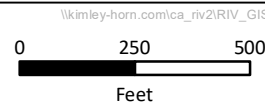
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- Phase 1
- Phase 2

Source: HPA Architecture, Conceptual Site Plan, June 24, 2021
EXHIBIT 3: Conceptual Site Plan
 Beaumont Summit Station



2 ENVIRONMENTAL SETTING

2.1 Greenhouse Gases and Climate Change

Certain gases in the earth's atmosphere classified as GHGs, play a critical role in determining the earth's surface temperature. Solar radiation enters the earth's atmosphere from space. A portion of the radiation is absorbed by the earth's surface and a smaller portion of this radiation is reflected back toward space. This absorbed radiation is then emitted from the earth as low-frequency infrared radiation. The frequencies at which bodies emit radiation are proportional to temperature. Because the earth has a much lower temperature than the sun, it emits lower-frequency radiation. Most solar radiation passes through GHGs; however, infrared radiation is absorbed by these gases. As a result, radiation that otherwise would have escaped back into space is instead "trapped," resulting in a warming of the atmosphere. This phenomenon, known as the greenhouse effect, is responsible for maintaining a habitable climate on earth.

The primary GHGs contributing to the greenhouse effect are carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). Fluorinated gases also make up a small fraction of the GHGs that contribute to climate change. Examples of fluorinated gases include chlorofluorocarbons (CFCs), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF₆), and nitrogen trifluoride (NF₃); however, it is noted that these gases are not associated with typical land use development. Human-caused emissions of GHGs exceeding natural ambient concentrations are believed to be responsible for intensifying the greenhouse effect and leading to a trend of unnatural warming of the Earth's climate, known as global climate change or global warming.

GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants (TACs), which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (about one day), GHGs have long atmospheric lifetimes (one to several thousand years). GHGs persist in the atmosphere for long enough time periods to be dispersed around the globe. Although the exact lifetime of a GHG molecule is dependent on multiple variables and cannot be pinpointed, more CO₂ is emitted into the atmosphere than is sequestered by ocean uptake, vegetation, or other forms of carbon sequestration. Of the total annual human-caused CO₂ emissions, approximately 55 percent is sequestered through ocean and land uptakes every year, averaged over the last 50 years, whereas the remaining 45 percent of human-caused CO₂ emissions remains stored in the atmosphere¹. [Table 2: Description of Greenhouse Gases](#) describes the primary GHGs attributed to global climate change, including their physical properties.

¹ Intergovernmental Panel on Climate Change, *Carbon and Other Biogeochemical Cycles*. In: *Climate Change 2013: The Physical Science Basis, Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*, 2013. http://www.climatechange2013.org/images/report/WG1AR5_ALL_FINAL.pdf.

Greenhouse Gas	Description
Carbon Dioxide (CO ₂)	CO ₂ is a colorless, odorless gas that is emitted naturally and through human activities. Natural sources include decomposition of dead organic matter; respiration of bacteria, plants, animals, and fungus; evaporation from oceans; and volcanic outgassing. Anthropogenic sources are from burning coal, oil, natural gas, and wood. The largest source of CO ₂ emissions globally is the combustion of fossil fuels such as coal, oil, and gas in power plants, automobiles, and industrial facilities. The atmospheric lifetime of CO ₂ is variable because it is readily exchanged in the atmosphere. CO ₂ is the most widely emitted GHG and is the reference gas (Global Warming Potential of 1) for determining Global Warming Potentials for other GHGs.
Nitrous Oxide (N ₂ O)	N ₂ O is largely attributable to agricultural practices and soil management. Primary human-related sources of N ₂ O include agricultural soil management, sewage treatment, combustion of fossil fuels, and adipic and nitric acid production. N ₂ O is produced from biological sources in soil and water, particularly microbial action in wet tropical forests. The atmospheric lifetime of N ₂ O is approximately 120 years. The Global Warming Potential of N ₂ O is 298.
Methane (CH ₄)	CH ₄ , a highly potent GHG, primarily results from off-gassing (the release of chemicals from nonmetallic substances under ambient or greater pressure conditions) and is largely associated with agricultural practices and landfills. Methane is the major component of natural gas, about 87 percent by volume. Human-related sources include fossil fuel production, animal husbandry, rice cultivation, biomass burning, and waste management. Natural sources of CH ₄ include wetlands, gas hydrates, termites, oceans, freshwater bodies, non-wetland soils, and wildfires. The atmospheric lifetime of CH ₄ is about 12 years and the Global Warming Potential is 25.
Hydrofluorocarbons (HFCs)	HFCs are typically used as refrigerants for both stationary refrigeration and mobile air conditioning. The use of HFCs for cooling and foam blowing is increasing, as the continued phase out of CFCs and HCFCs gains momentum. The 100-year Global Warming Potential of HFCs range from 124 for HFC-152 to 14,800 for HFC-23.
Perfluorocarbons (PFCs)	PFCs have stable molecular structures and only break down by ultraviolet rays about 60 kilometers above Earth's surface. Because of this, they have long lifetimes, between 10,000 and 50,000 years. Two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Global Warming Potentials range from 6,500 to 9,200.
Chlorofluorocarbons (CFCs)	CFCs are gases formed synthetically by replacing all hydrogen atoms in methane or ethane with chlorine and/or fluorine atoms. They are nontoxic, nonflammable, insoluble, and chemically unreactive in the troposphere (the level of air at the earth's surface). CFCs were synthesized in 1928 for use as refrigerants, aerosol propellants, and cleaning solvents. The Montreal Protocol on Substances that Deplete the Ozone Layer prohibited their production in 1987. Global Warming Potentials for CFCs range from 3,800 to 14,400.
Sulfur Hexafluoride (SF ₆)	SF ₆ is an inorganic, odorless, colorless, and nontoxic, nonflammable gas. It has a lifetime of 3,200 years. This gas is manmade and used for insulation in electric power transmission equipment, in the magnesium industry, in semiconductor manufacturing, and as a tracer gas. The Global Warming Potential of SF ₆ is 23,900.
Hydrochlorofluorocarbons (HCFCs)	HCFCs are solvents, similar in use and chemical composition to CFCs. The main uses of HCFCs are for refrigerant products and air conditioning systems. As part of the Montreal Protocol, HCFCs are subject to a consumption cap and gradual phase out. The United States is scheduled to achieve a 100 percent reduction to the cap by 2030. The 100-year Global Warming Potentials of HCFCs range from 90 for HCFC-123 to 1,800 for HCFC-142b.
Nitrogen Trifluoride (NF ₃)	NF ₃ was added to Health and Safety Code section 38505(g)(7) as a GHG of concern. This gas is used in electronics manufacture for semiconductors and liquid crystal displays. It has a high global warming potential of 17,200.
Source: Compiled from U.S. EPA, <i>Overview of Greenhouse Gases</i> , (https://www.epa.gov/ghgemissions/overview-greenhouse-gases), accessed 2-5-2020; U.S. EPA, <i>Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2016</i> , 2018; Intergovernmental Panel on Climate Change, <i>Climate Change 2007: The Physical Science Basis</i> , 2007; National Research Council, <i>Advancing the Science of Climate Change</i> , 2010; U.S. EPA, <i>Methane and Nitrous Oxide Emission from Natural Sources</i> , April 2010.	

3 REGULATORY SETTING

3.1 Federal

To date, national standards have not been established for nationwide GHG reduction targets, nor have any regulations or legislation been enacted specifically to address climate change and GHG emissions reduction at the project level. Various efforts have been promulgated at the federal level to improve fuel economy and energy efficiency to address climate change and its associated effects.

Energy Independence and Security Act of 2007

The Energy Independence and Security Act of 2007 (December 2007), among other key measures, requires the following, which would aid in the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020 and direct the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

U.S. Environmental Protection Agency Endangerment Finding

The U.S. Environmental Protection Agency (EPA) authority to regulate GHG emissions stems from the U.S. Supreme Court decision in *Massachusetts v. EPA* (2007). The Supreme Court ruled that GHGs meet the definition of air pollutants under the existing Federal Clean Air Act (FCAA) and must be regulated if these gases could be reasonably anticipated to endanger public health or welfare. Responding to the Court's ruling, the EPA finalized an endangerment finding in December 2009. Based on scientific evidence it found that six GHGs (CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆) constitute a threat to public health and welfare. Thus, it is the Supreme Court's interpretation of the existing FCAA and the EPA's assessment of the scientific evidence that form the basis for the EPA's regulatory actions.

Federal Vehicle Standards

In response to the U.S. Supreme Court ruling discussed above, Executive Order 13432 was issued in 2007 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016.

In 2010, an Executive Memorandum was issued directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO₂ in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017–2021, and NHTSA intends to set standards for model years 2022–2025 in a future rulemaking. On January 12, 2017, the EPA finalized its decision to maintain the current GHG emissions standards for model years 2022–2025 cars and light trucks. It should be noted that the U.S. EPA is currently proposing to freeze the vehicle fuel efficiency standards at their planned 2020 level (37 mpg), canceling any future strengthening (currently 54.5 mpg by 2026).

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014–2018. The standards for CO₂ emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6 to 23 percent over the 2010 baselines.

In August 2016, the EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all types and sizes of buses and work trucks. The final standards are expected to lower CO₂ emissions by approximately 1.1 billion metric tons and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program.

In 2018, the President and the U.S. EPA stated their intent to halt various federal regulatory activities to reduce GHG emission, including the phase two program. California and other states have stated their intent to challenge federal actions that would delay or eliminate GHG reduction measures and have committed to cooperating with other countries to implement global climate change initiatives. On September 27, 2019, the U.S. EPA and the NHTSA published the “Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program.” (84 Fed. Reg. 51,310 (Sept. 27, 2019.)) The Part One Rule revokes California’s authority to set its own GHG emissions standards and set zero-emission vehicle mandates in California. On March 31, 2020, the U.S. EPA and NHTSA finalized rulemaking for SAFE Part Two sets CO₂ emissions standards and corporate average fuel economy (CAFE) standards for passenger vehicles and light duty trucks, covering model years 2021-2026. The U.S. EPA is currently reconsidering the SAFE rule.

3.2 State of California

California Air Resources Board

The California Air Resources Board (CARB) is responsible for the coordination and oversight of State and local air pollution control programs in California. Various statewide and local initiatives to reduce California’s contribution to GHG emissions have raised awareness about climate change and its potential for severe long-term adverse environmental, social, and economic effects. California is a significant emitter of CO₂ equivalents (CO₂e) in the world and produced 459 million gross metric tons of CO₂e in 2013.

In the State, the transportation sector is the largest emitter of GHGs, followed by industrial operations such as manufacturing and oil and gas extraction.

The State of California legislature has enacted a series of bills that constitute the most aggressive program to reduce GHGs of any state in the nation. Some legislation, such as the landmark Assembly Bill (AB) 32, *California Global Warming Solutions Act of 2006*, was specifically enacted to address GHG emissions. Other legislation, such as Title 24 building efficiency standards and Title 20 appliance energy standards, were originally adopted for other purposes such as energy and water conservation, but also provide GHG reductions. This section describes the major provisions of the legislation.

Assembly Bill 32 (California Global Warming Solutions Act of 2006)

AB 32 instructs the CARB to develop and enforce regulations for the reporting and verification of statewide GHG emissions. AB 32 also directed CARB to set a GHG emissions limit based on 1990 levels, to be achieved by 2020. It set a timeline for adopting a scoping plan for achieving GHG reductions in a technologically and economically feasible manner.

California Air Resource Board Scoping Plan

CARB adopted the Scoping Plan to achieve the goals of AB 32. The Scoping Plan establishes an overall framework for the measures that would be adopted to reduce California's GHG emissions. CARB determined that achieving the 1990 emissions level would require a reduction of GHG emissions of approximately 29 percent below what would otherwise occur in 2020 in the absence of new laws and regulations (referred to as "business-as-usual")². The Scoping Plan evaluates opportunities for sector-specific reductions, integrates early actions and additional GHG reduction measures by both CARB and the State's Climate Action Team, identifies additional measures to be pursued as regulations, and outlines the adopted role of a cap-and-trade program³. Additional development of these measures and adoption of the appropriate regulations occurred through the end of 2013. Key elements of the Scoping Plan include:

- Expanding and strengthening existing energy efficiency programs, as well as building and appliance standards.
- Achieving a statewide renewables energy mix of 33 percent by 2020.
- Developing a California cap-and-trade program that links with other programs to create a regional market system and caps sources contributing 85 percent of California's GHG emissions (adopted in 2011).
- Establishing targets for transportation-related GHG emissions for regions throughout California and pursuing policies and incentives to achieve those targets (several sustainable community strategies have been adopted).

² CARB defines business-as-usual (BAU) in its Scoping Plan as emissions levels that would occur if California continued to grow and add new GHG emissions but did not adopt any measures to reduce emissions. Projections for each emission-generating sector were compiled and used to estimate emissions for 2020 based on 2002–2004 emissions intensities. Under CARB's definition of BAU, new growth is assumed to have the same carbon intensities as was typical from 2002 through 2004.

³ The Climate Action Team, led by the secretary of the California Environmental Protection Agency, is a group of State agency secretaries and heads of agencies, boards, and departments. Team members work to coordinate statewide efforts to implement global warming emissions reduction programs and the State's Climate Adaptation Strategy.

- Adopting and implementing measures pursuant to existing State laws and policies, including California's clean car standards, heavy-duty truck measures, the Low Carbon Fuel Standard (amendments to the Pavley Standard adopted 2009; Advanced Clean Car standard adopted 2012), goods movement measures, and the Low Carbon Fuel Standard (adopted 2009).
- Creating targeted fees, including a public goods charge on water use, fees on gasses with high global warming potential, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation.
- The California Sustainable Freight Action Plan was developed in 2016 and provides a vision for California's transition to a more efficient, more economically competitive, and less polluting freight transport system. This transition of California's freight transport system is essential to supporting the State's economic development in coming decades while reducing pollution.
- CARB's Mobile Source Strategy demonstrates how the State can simultaneously meet air quality standards, achieve GHG emission reduction targets, decrease health risk from transportation emissions, and reduce petroleum consumption over the next fifteen years. The mobile Source Strategy includes increasing ZEV buses and trucks.

In 2012, CARB released revised estimates of the expected 2020 emissions reductions. The revised analysis relied on emissions projections updated in light of current economic forecasts that accounted for the economic downturn since 2008, reduction measures already approved and put in place relating to future fuel and energy demand, and other factors. This update reduced the projected 2020 emissions from 596 million metric tons of CO₂e (MMTCO₂e) to 545 MMTCO₂e. The reduction in forecasted 2020 emissions means that the revised business-as-usual reduction necessary to achieve AB 32's goal of reaching 1990 levels by 2020 is now 21.7 percent, down from 29 percent. CARB also provided a lower 2020 inventory forecast that incorporated State-led GHG emissions reduction measures already in place. When this lower forecast is considered, the necessary reduction from business-as-usual needed to achieve the goals of AB 32 is approximately 16 percent.

CARB adopted the first major update to the Scoping Plan on May 22, 2014. The updated Scoping Plan summarizes the most recent science related to climate change, including anticipated impacts to California and the levels of GHG emissions reductions necessary to likely avoid risking irreparable damage. It identifies the actions California has already taken to reduce GHG emissions and focuses on areas where further reductions could be achieved to help meet the 2020 target established by AB 32. By 2016, California had reduced GHG emissions below 1990 levels, achieving AB 32's 2020 goal four years ahead of schedule.

In 2016, the Legislature passed Senate Bill (SB) 32, which codifies a 2030 GHG emissions reduction target of 40 percent below 1990 levels. With SB 32, the Legislature passed companion legislation, AB 197, which provides additional direction for developing the Scoping Plan. On December 14, 2017 CARB adopted a second update to the Scoping Plan⁴. The 2017 Scoping Plan details how the State will reduce GHG emissions to meet the 2030 target set by Executive Order B-30-15 and codified by SB 32. Other objectives listed in the 2017 Scoping plan are to provide direct GHG emissions reductions; support climate investment in disadvantaged communities; and support the Clean Power Plan and other Federal actions.

⁴ California Air Resources Board, *California's 2017 Climate Change Scoping Plan*, https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed May 9, 2018.

Senate Bill 32 (California Global Warming Solutions Act of 2006: Emissions Limit)

Signed into law in September 2016, SB 32 codifies the 2030 GHG reduction target in Executive Order B-30-15 (40 percent below 1990 levels by 2030). The bill authorizes CARB to adopt an interim GHG emissions level target to be achieved by 2030. CARB also must adopt rules and regulations in an open public process to achieve the maximum, technologically feasible, and cost-effective GHG reductions.

SB 375 (The Sustainable Communities and Climate Protection Act of 2008)

Signed into law on September 30, 2008, SB 375 provides a process to coordinate land use planning, regional transportation plans, and funding priorities to help California meet the GHG reduction goals established by AB 32. SB 375 requires metropolitan planning organizations to include sustainable community strategies in their regional transportation plans for reducing GHG emissions, aligns planning for transportation and housing, and creates specified incentives for the implementation of the strategies.

AB 1493 (Pavley Regulations and Fuel Efficiency Standards)

AB 1493, enacted on July 22, 2002, required CARB to develop and adopt regulations that reduce GHGs emitted by passenger vehicles and light duty trucks. Implementation of the regulation was delayed by lawsuits filed by automakers and by the EPA's denial of an implementation waiver. The EPA subsequently granted the requested waiver in 2009, which was upheld by the U.S. District Court for the District of Columbia in 2011. The regulations establish one set of emission standards for model years 2009–2016 and a second set of emissions standards for model years 2017 to 2025. By 2025, when all rules will be fully implemented, new automobiles will emit 34 percent fewer CO₂e emissions and 75 percent fewer smog-forming emissions.

SB 1368 (Emission Performance Standards)

SB 1368 is the companion bill of AB 32, which directs the California Public Utilities Commission (CPUC) to adopt a performance standard for GHG emissions for the future power purchases of California utilities. SB 1368 limits carbon emissions associated with electrical energy consumed in California by forbidding procurement arrangements for energy longer than 5 years from resources that exceed the emissions of a relatively clean, combined cycle natural gas power plant. The new law effectively prevents California's utilities from investing in, otherwise financially supporting, or purchasing power from new coal plants located in or out of the State. The CPUC adopted the regulations required by SB 1368 on August 29, 2007. The regulations implementing SB 1368 establish a standard for baseload generation owned by, or under long-term contract to publicly owned utilities, for 1,100 pounds of CO₂ per megawatt-hour.

SB 1078 and SBX1-2 (Renewable Electricity Standards)

SB 1078 requires California to generate 20 percent of its electricity from renewable energy by 2017. SB 107 changed the due date to 2010 instead of 2017. On November 17, 2008, Governor Arnold Schwarzenegger signed Executive Order S-14-08, which established a Renewable Portfolio Standard target for California requiring that all retail sellers of electricity serve 33 percent of their load with renewable energy by 2020. Executive Order S-21-09 also directed CARB to adopt a regulation by July 31, 2010, requiring the State's load serving entities to meet a 33 percent renewable energy target by 2020. CARB approved the Renewable Electricity Standard on September 23, 2010 by Resolution 10-23. SBX1-2, which codified the 33 percent by 2020 goal.

SB 350 (Clean Energy and Pollution Reduction Act of 2015)

Signed into law on October 7, 2015, SB 350 implements the goals of Executive Order B-30-15. The objectives of SB 350 are to increase the procurement of electricity from renewable sources from 33 percent to 50 percent (with interim targets of 40 percent by 2024, and 25 percent by 2027) and to double the energy efficiency savings in electricity and natural gas end uses of retail customers through energy efficiency and conservation. SB 350 also reorganizes the Independent System Operator to develop more regional electricity transmission markets and improve accessibility in these markets, which will facilitate the growth of renewable energy markets in the western United States.

AB 398 (Market-Based Compliance Mechanisms)

Signed on July 25, 2017, AB 398 extended the duration of the Cap-and-Trade program from 2020 to 2030. AB 398 required CARB to update the Scoping Plan and for all GHG rules and regulations adopted by the State. It also designated CARB as the statewide regulatory body responsible for ensuring that California meets its statewide carbon pollution reduction targets, while retaining local air districts' responsibility and authority to curb toxic air contaminants and criteria pollutants from local sources that severely impact public health. AB 398 also decreased free carbon allowances over 40 percent by 2030 and prioritized Cap-and-Trade spending to various programs including reducing diesel emissions in impacted communities.

SB 150 (Regional Transportation Plans)

Signed on October 10, 2017, SB 150 aligns local and regional GHG reduction targets with State targets (i.e., 40 percent below their 1990 levels by 2030). SB 150 creates a process to include communities in discussions on how to monitor their regions' progress on meeting these goals. The bill also requires the CARB to regularly report on that progress, as well as on the successes and the challenges regions experience associated with achieving their targets. SB 150 provides for accounting of climate change efforts and GHG reductions and identify effective reduction strategies.

SB 100 (California Renewables Portfolio Standard Program: Emissions of Greenhouse Gases)

Signed into Law in September 2018, SB 100 increased California's renewable electricity portfolio from 50 to 60 percent by 2030. SB 100 also established a further goal to have an electric grid that is entirely powered by clean energy by 2045.

AB 1346 (Air Pollution: Small Off-Road Engines)

Signed into Law in October 2021, AB 1346 requires CARB, to adopt cost-effective and technologically feasible regulations to prohibit engine exhaust and evaporative emissions from new small off-road engines, consistent with federal law, by July 1, 2022. The bill requires CARB to identify and, to the extent feasible, make available funding for commercial rebates or similar incentive funding as part of any updates to existing applicable funding program guidelines to local air pollution control districts and air quality management districts to implement to support the transition to zero-emission small off-road equipment operations.

Executive Orders Related to GHG Emissions

California's Executive Branch has taken several actions to reduce GHGs using executive orders. Although not regulatory, they set the tone for the State and guide the actions of state agencies.

Executive Order S-3-05. Executive Order S-3-05 was issued on June 1, 2005, which established the following GHG emissions reduction targets:

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

The 2050 reduction goal represents what some scientists believe is necessary to reach levels that will stabilize the climate. The 2020 goal was established to be a mid-term target. Because this is an executive order, the goals are not legally enforceable for local governments or the private sector.

Executive Order S-01-07. Issued on January 18, 2007, Executive Order S 01-07 mandates that a statewide goal shall be established to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020. The executive order established a Low Carbon Fuel Standard (LCFS) and directed the Secretary for Environmental Protection to coordinate the actions of the California Energy Commission, CARB, the University of California, and other agencies to develop and propose protocols for measuring the "life-cycle carbon intensity" of transportation fuels. CARB adopted the LCFS on April 23, 2009.

Executive Order S-13-08. Issued on November 14, 2008, Executive Order S-13-08 facilitated the California Natural Resources Agency development of the 2009 California Climate Adaptation Strategy. Objectives include analyzing risks of climate change in California, identifying and exploring strategies to adapt to climate change, and specifying a direction for future research.

Executive Order S-14-08. Issued on November 17, 2008, Executive Order S-14-08 expands the State's Renewable Energy Standard to 33 percent renewable power by 2020. Additionally, Executive Order S-21-09 (signed on September 15, 2009) directs CARB to adopt regulations requiring 33 percent of electricity sold in the State come from renewable energy by 2020. CARB adopted the Renewable Electricity Standard on September 23, 2010, which requires 33 percent renewable energy by 2020 for most publicly owned electricity retailers.

Executive Order S-21-09. Issued on July 17, 2009, Executive Order S-21-09 directs CARB to adopt regulations to increase California's Renewable Portfolio Standard (RPS) to 33 percent by 2020. This builds upon SB 1078 (2002), which established the California RPS program, requiring 20 percent renewable energy by 2017, and SB 107 (2006), which advanced the 20 percent deadline to 2010, a goal which was expanded to 33 percent by 2020 in the 2005 Energy Action Plan II.

Executive Order B-30-15. Issued on April 29, 2015, Executive Order B-30-15 established a California GHG reduction target of 40 percent below 1990 levels by 2030 and directs CARB to update the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons of CO₂e (MMTCO₂e). The 2030 target acts as an interim goal on the way to achieving reductions of 80 percent below 1990 levels by 2050, a goal set by Executive Order S-3-05. The executive order also requires the State's climate adaptation plan to be updated every three years and for the State to continue its climate change research program, among

other provisions. With the enactment of SB 32 in 2016, the Legislature codified the goal of reducing GHG emissions by 2030 to 40 percent below 1990 levels.

Executive Order B-55-18. Issued on September 10, 2018, Executive Order B-55-18 establishes a goal to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter. This goal is in addition to the existing statewide targets of reducing GHG emissions. The executive order requires CARB to work with relevant state agencies to develop a framework for implementing this goal. It also requires CARB to update the Scoping Plan to identify and recommend measures to achieve carbon neutrality. The executive order also requires state agencies to develop sequestration targets in the Natural and Working Lands Climate Change Implementation Plan.

Executive Order N-79-20. Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment “requiring increasing volumes” of new zero emission vehicles (ZEVs) “towards the target of 100 percent.” The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

California Regulations and Building Codes

California has a long history of adopting regulations to improve energy efficiency in new and remodeled buildings. These regulations have kept California’s energy consumption relatively flat even with rapid population growth.

Title 20 Appliance Efficiency Regulations. The appliance efficiency regulations (California Code of Regulations [CCR] Title 20, Sections 1601-1608) include standards for new appliances. Twenty-three categories of appliances are included in the scope of these regulations. These standards include minimum levels of operating efficiency, and other cost-effective measures, to promote the use of energy- and water-efficient appliances.

Title 24 Building Energy Efficiency Standards. California’s Energy Efficiency Standards for Residential and Nonresidential Buildings (CCR Title 24, Part 6) was first adopted in 1978 in response to a legislative mandate to reduce California’s energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions. The 2016 Building Energy Efficiency Standards approved on January 19, 2016 went into effect on January 1, 2017. The 2019 Building Energy Efficiency Standards were adopted on May 9, 2018 and took effect on January 1, 2020. Under the 2019 standards, homes will use about 53 percent less energy and nonresidential buildings will use about 30 percent less energy than buildings under the 2016 standards.

Title 24 California Green Building Standards Code. The California Green Building Standards Code (CCR Title 24, Part 11 code) commonly referred to as the CALGreen Code, is a statewide mandatory construction

code developed and adopted by the California Building Standards Commission and the Department of Housing and Community Development. The CALGreen standards require new residential and commercial buildings to comply with mandatory measures under the topics of planning and design, energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. CALGreen also provides voluntary tiers and measures that local governments may adopt that encourage or require additional measures in the five green building topics. The most recent update to the CALGreen Code went into effect January 1, 2017. Updates to the 2016 CALGreen Code took effect on January 1, 2020 (2019 CALGreen). The 2019 CALGreen standards continue to improve upon the existing standards for new construction of, and additions and alterations to, residential and nonresidential buildings.

CARB Advanced Clean Truck Regulation. CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission “last-mile” delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

- Zero-Emission Truck Sales: Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.
- Company and Fleet Reporting: Large employers including retailers, manufacturers, brokers and others would be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

3.3 Regional

South Coast Air Quality Management District Rule 2305 (Warehouse Indirect Source Rule)

Rule 2305 was adopted by the SCAQMD Governing Board on May 7, 2021 to reduce NO_x and particulate matter emissions associated with warehouses and mobile sources attracted to warehouses. However, Rule 2305 would also reduce GHG emissions. This rule applies to all existing and proposed warehouses over 100,000 square feet located in the SCAQMD. Rule 2305 requires warehouse operators to track annual vehicle miles traveled associated with truck trips to and from the warehouse. These trip miles are used to calculate the warehouses WAIRE (Warehouse Actions and Investments to Reduce Emissions) Points Compliance Obligation. WAIRE Points are earned based on emission reduction measures and warehouse operators are required to submit an annual WAIRE Report which includes truck trip data and emission reduction measures. Reduction strategies listed in the WAIRE menu include acquire zero emission (ZE) or near zero emission (NZE) trucks; require ZE/NZE truck visits; require ZE yard trucks; install on-site ZE charging/fueling infrastructure; install onsite energy systems; and install filtration systems in residences, schools, and other buildings in the adjacent community. Warehouse operators that do not earn a sufficient number of WAIRE points to satisfy the WAIRE Points Compliance Obligation would be required

to pay a mitigation fee. Funds from the mitigation fee will be used to incentivize the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby.

South Coast Air Quality Management District Thresholds

The South Coast Air Quality Management District (SCAQMD) formed a GHG California Environmental Quality Act (CEQA) Significance Threshold Working Group to provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents. This working group was formed to assist SCAQMD's efforts to develop a GHG significance threshold and is composed of a wide variety of stakeholders including the State Office of Planning and Research, CARB, the Attorney General's Office, a variety of city and county planning departments in the SCAB, various utilities such as sanitation and power companies throughout the SCAB, industry groups, and environmental and professional organizations. The Working Group has proposed a tiered approach to evaluating GHG emissions for development projects where SCAQMD is not the lead agency, wherein projects are evaluated sequentially through a series of "tiers" to determine whether the project is likely to result in a potentially significant impact due to GHG emissions.

With the tiered approach, a project is compared against the requirements of each tier sequentially and would not result in a significant impact if it complies with any tier. Tier 1 excludes projects that are specifically exempt from SB 97 from resulting in a significant impact. Tier 2 excludes projects that are consistent with a GHG reduction plan that has a certified final CEQA document and complies with AB 32 GHG reduction goals. Tier 3 excludes projects with annual emissions lower than a screening threshold. The SCAQMD has adopted a threshold of 10,000 metric tons of CO₂e (MTCO₂e) per year for industrial projects and a 3,000 MTCO₂e threshold was proposed for non-industrial projects but has not been adopted. During Working Group Meeting #7 it was explained that this threshold was derived using a 90 percent capture rate of a large sampling of industrial facilities. During Meeting #8, the Working Group defined industrial uses as production, manufacturing, and fabrication activities or storage and distribution (e.g., warehouse, transfer facility, etc.). The Working Group indicated that the 10,000 MTCO₂e per year threshold applies to both emissions from construction and operational phases plus indirect emissions (electricity, water use, etc.). The SCAQMD concluded that projects with emissions less than the screening threshold would not result in a significant cumulative impact.

Tier 4 consists of three decision tree options. Under the Tier 4 first option, SCAQMD initially outlined that a project would be excluded if design features and/or mitigation measures resulted in emissions 30 percent lower than business as usual emissions. However, the Working Group did not provide a recommendation for this approach. The Working Group folded the Tier 4 second option into the third option. Under the Tier 4 third option, a project would be excluded if it was below an efficiency-based threshold of 4.8 MTCO₂e per service population per year. Tier 5 would exclude projects that implement offsite mitigation (GHG reduction projects) or purchase offsets to reduce GHG emission impacts to less than the proposed screening level.

Tier 3 Screening Thresholds

When the tiered approach is applied to a proposed project, and the project is found not to comply with Tier 1 or Tier 2, the project's emissions are compared against a screening threshold, as described above, for Tier 3. The screening threshold formally adopted by SCAQMD is an "interim" screening threshold for stationary source industrial projects where the SCAQMD is the lead agency under CEQA. The threshold was termed "interim" because, at the time, SCAQMD anticipated that CARB would be adopting a

statewide significance threshold that would inform and provide guidance to SCAQMD in its adoption of a final threshold. However, no statewide threshold was ever adopted, and the interim threshold remains in effect.

For projects for which SCAQMD is not a lead agency, no screening thresholds have been formally adopted. However, the SCAQMD Working Group has recommended a threshold of 10,000 MTCO₂e/year for industrial projects and 3,000 MTCO₂e/year for residential and commercial projects. SCAQMD determined that these thresholds would “capture” 90 percent of GHG emissions from these sectors, “capture” meaning that 90 percent of total emissions from all new projects would be subject to some type of CEQA analysis (i.e., found potentially significant).⁵

Southern California Association of Governments

On September 3, 2020, SCAG’s Regional Council adopted Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy [2020 RTP/SCS]). The RTP/SCS charts a course for closely integrating land use and transportation so that the region can grow smartly and sustainably. The strategy was prepared through a collaborative, continuous, and comprehensive process with input from local governments, county transportation commissions, tribal governments, non-profit organizations, businesses and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. The RTP/SCS is a long-range vision plan that balances future mobility and housing needs with economic, environmental, and public health goals. The SCAG region strives toward sustainability through integrated land use and transportation planning. The SCAG region must achieve specific federal air quality standards and is required by state law to lower regional GHG emissions.

⁵ SCAQMD, “Staff Report: Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans,” December 5, 2008, Attachment E: “Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold,” October 2008, p. 3-2.

3.4 Local

City of Beaumont Climate Action Plan

The goal of the City of Beaumont Climate Action Plan (CAP) *Sustainable Beaumont: The City's Roadmap to Greenhouse Gas Reductions* is to provide a more livable, equitable, economically vibrant community through the incorporation of energy efficiency features and reduction of GHG emissions. The CAP goals, measures, and actions applicable to the Project include the following:

Goal 4: Increase Energy Efficiency in New Commercial Development

Measure 4.1: Encourage or require energy efficiency standards exceeding state requirements

Actions

- Educate City staff, developers, etc., on future Title 24 updates and the additional energy efficiency opportunities for new commercial development
- Promote Tier 1, Tier 2, Green Building Ratings such as LEED, Build It Green/Green Point Rating System, or Energy Star certified buildings
- By 2030 consider establishing on-line permitting to facilitate upgrades
- Create an Energy award program for net-zero-net energy homes

Goal 5: Increase Energy Efficiency Through Water Efficiency

Measure 5.1: Support water efficiency through enhanced implementation of SB X7-7

Actions

- Require low-irrigation landscaping

Measure 5.2: Exceed water efficiency standards

Actions

- Staff time dedicated to work with HOAs, businesses, and other groups for outreach
- Allow recycled or grey water uses for non-municipal uses
- Work with Water District to increase recycled water potential
- Promote rainwater harvesting rebates and demonstrations

Goal 7: Decrease GHG Emissions Through Reducing Vehicle Miles Traveled

Measure 7.4: Promote ride sharing programs within businesses

Actions

- Promote ridesharing and facilitate air district incentives for ride sharing
- Require businesses of a certain size to have facilities (bike racks, showers, etc.)

Measure 7.5: Electrify the Fleet

Actions

- Work with Community groups and business to install e-chargers
- Require or incentivize new commercial development to install e-chargers

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 CEQA Thresholds and Significance Criteria

Based upon the criteria derived from Appendix G of the CEQA Guidelines, a project normally would have a significant effect on the environment if it would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment, based on any applicable threshold of significance; or
- Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of GHGs.

Addressing GHG emissions generation impacts requires an agency to determine what constitutes a significant impact. The amendments to the CEQA Guidelines specifically allow lead agencies to determine thresholds of significance that illustrate the extent of an impact and are a basis from which to apply mitigation measures. This means that each agency is left to determine whether a project's GHG emissions will have a "significant" impact on the environment. The guidelines direct that agencies are to use "careful judgment" and "make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" the project's GHG emissions⁶.

GHG Thresholds

On December 5, 2008, the SCAQMD Governing Board adopted a 10,000 MTCO₂e industrial threshold for projects where SCAQMD is the lead agency. The SCAQMD GHG CEQA Significance Threshold Working Group defined industrial uses as production, manufacturing, and fabrication activities or storage and distribution (e.g., warehouse, transfer facility, etc.) during Meeting #8. Additionally, the SCAQMD GHG Significance Threshold Stakeholder Working Group has specified that a warehouse is considered to be an industrial project.⁷ During the GHG CEQA Significance Threshold Working Group Meeting #15, the SCAQMD noted that it was considering extending the industrial GHG significance threshold for use by all lead agencies. Furthermore, the Working Group indicated that the 10,000 MTCO₂e per year threshold applies to both emissions from construction and operational phases plus indirect emissions (electricity, water use, etc.). The SCAQMD has not announced when staff is expecting to present GHG thresholds for land use projects where the SCAQMD is not the lead agency to the governing board.

The City of Beaumont has not adopted project-specific significance thresholds, and instead relies on SCAQMD's recommended Tier 3 screening thresholds to determine the significance of a project's GHG emissions. Although this Project proposes industrial warehouses, the considerable majority of GHG emissions generated in relation to the project would result from mobile truck emissions, and not stationary industrial sources. Therefore, to provide the most conservative analysis, the City will apply the 3,000 MTCO₂e/year screening threshold recommended by SCAQMD for residential and commercial projects, the emissions of which primarily the result of mobile, and not stationary, sources.

⁶ 14 California Code of Regulations, Section 15064.4a

⁷ South Coast Air Quality Management District, *Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #8*, 2009.

4.2 Methodology

Global climate change is, by definition, a cumulative impact of GHG emissions. Therefore, there is no project-level analysis. The baseline against which to compare potential impacts of the project includes the natural and anthropogenic drivers of global climate change, including world-wide GHG emissions from human activities which almost doubled between 1970 and 2010 from approximately 27 gigatonnes (Gt) of CO₂/year to nearly 49 GtCO₂/year.⁸ As such, the geographic extent of climate change and GHG emissions cumulative impact discussion is worldwide.

The Project's construction and operational emissions were calculated using the California Emissions Estimator Model version 2020.4.0 (CalEEMod). Details of the modeling assumptions and emission factors are provided in [Appendix A: Greenhouse Gas Emissions Data](#). For construction, CalEEMod calculates emissions from off-road equipment usage and on-road vehicle travel associated with haul, delivery, and construction worker trips. GHG emissions during construction were forecasted based on the proposed construction schedule and applying the mobile-source and fugitive dust emissions factors derived from CalEEMod. The Project's construction-related GHG emissions would be generated from off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. Construction was modeled generally according to the following timeline:

- Phase 1: Commence in the second quarter of 2023 and conclude in the third quarter of 2024 (an approximate 18-month duration).
- Phase 2: Commence in early 2026 and conclude mid to late 2027 (an approximate 18-month duration).

The Project's operational GHG emissions would be generated by vehicular traffic, off-road equipment, area sources (e.g., landscaping maintenance, consumer products), electrical generation, natural gas consumption, water supply and wastewater treatment, and solid waste. These emissions categories are discussed below.

- **Area Sources.** Area source emissions occur from hearths, architectural coatings, landscaping equipment, and consumer products. The Project involves warehouse uses and would not include hearths. Landscaping and consumer products would be limited. Negligible quantities of consumer products (i.e., personal care products, home, lawn, and garden products, disinfectants, sanitizers, polishes, cosmetics, and floor finishes) would be used. Additionally, the primary emissions from architectural coatings are volatile organic compounds, which are relatively insignificant as direct GHG emissions.
- **Energy Consumption.** Energy consumption consists of emissions from project consumption of electricity and natural gas. Primary uses of electricity and natural gas by the Project would be for miscellaneous warehouse equipment, space heating and cooling, water heating, ventilation, lighting, appliances, and electronics. Energy emissions are calculated based on consumption rates and emissions factors in CalEEMod. No changes were made to the default energy usage consumption rates or emissions factors.

⁸ Intergovernmental Panel on Climate Change, *Climate Change 2014 Mitigation of Climate Change Working Group III Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*, 2014.

- **Solid Waste.** Solid waste releases GHG emissions in the form of methane when these materials decompose. Solid waste emissions are calculated based on generation rates and emissions factors in CalEEMod.
- **Water and Wastewater.** Project GHG emissions would be generated from energy consumption associated with water and wastewater conveyance and treatment. Water and wastewater emissions are calculated based on the estimated consumption in the Project Water Supply Assessment (Albert A Webb Associates, *Water Supply Assessment, Beaumont Summit Station Specific Plan Project*, November 2021) and emissions factors in CalEEMod.
- **Off-Road Equipment.** Operational off-road emissions would be generated by off-road cargo handling equipment used during operational activities. Off-road emissions were calculated with emissions rates derived from CARB's OFFROAD database. For this project it was assumed that the warehouses would include 51 forklifts and 9 off-highway trucks for loading and unloading goods per the SCAQMD *High Cube Warehouse Truck Trip Study White Paper*⁹. It should be noted that Project Design Feature (PDF) AQ-1 indicates that the Project does not include cold storage. Cold storage is also not an allowed use in the Specific Plan. Therefore, this analysis models the warehouses as unrefrigerated, and the Project would not include emissions from transport refrigeration units (TRUs).
- **Emergency Backup Generators.** As the Project warehouses are speculative, it is unknown whether emergency backup generators would be used. Backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with this equipment were included to be conservative. Emissions from an emergency backup generator for each warehouse building were calculated separately from CalEEMod; refer to Appendix A. However, CalEEMod default emissions rates were used. If backup generators are required, the end user would be required to obtain a permit from the SCAQMD prior to installation. Emergency backup generators must meet SCAQMD's Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions.
- **Mobile Sources.** Mobile sources are emissions from motor vehicles. The Project generated traffic was obtained from the Project's Traffic Impact Study prepared by Kimley-horn and Associates (February 2022). Project trip generation from the Trip Generation Analysis is based on the following Institute of Transportation Engineers (ITE) land use categories:

Phase 1

- ITE Land Use 154: High-Cube Short-Term Storage (2,199.095 thousand square feet, 3,079 total daily vehicle trips, which include 493 truck trips).
- ITE Land Use 150: Warehousing (358.370 thousand square feet, 613 total daily vehicle trips, which include 166 truck trips).

⁹ SCAQMD, *High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results*, June 2014.

Phase 2

- ITE Land Use 310: Hotel (220 rooms, 1,758 daily vehicle trips).
- ITE Land Use 820: Shopping Center (25 thousand square feet, 1,361 total daily vehicle trips, 898 net trips after pass-by reduction).
- ITE Land Use 932: High-Turnover (Sit-Down) Restaurant (15 thousand square feet, 1,608 total daily vehicle trips, 1,539 net trips after pass-by reduction).
- ITE Land Use 934: Fast-Food Restaurant with Drive-Through (10 thousand square feet, 4,675 total daily vehicle trips, 4,290 net trips after pass-by reduction).

Phase 1 of the Project would generate 3,692 daily trips, which includes 3,033 passenger car trips and 659 truck trips. Passenger car/employee commute trip lengths use CalEEMod default lengths for projects in Riverside County, truck trip lengths are assumed to be 33.2 miles one way.¹⁰ Phase 2 of the project would generate 8,485 daily vehicle trips. Full Project buildout would (Phase 1 and Phase 2) would generate 12,177 total daily vehicle trips. Warehouse truck mix percentages are based on the SCAQMD Truck Trip Generation Study applied to ITE truck percentages. Mobile source emissions rates in CalEEMod have been updated with EMFAC2021 emissions rates consistent with the methodology described in the CalEEMod *User's Guide (Appendix A, Section 5.2)*¹¹. It should be noted that EMFAC2021 emissions rates include CARB SAFE Rule adjustment factors.¹²

Emissions reductions attributable mitigation measures were applied in CalEEMod are derived from methodologies compiled in the CAPCOA report Quantifying GHG Measures¹³. Each measure was assessed to determine its consistency with CAPCOA criteria for the use of the measure. The following mitigation measure were applied in CalEEMod include:

- Transportation Demand Management Measures: TRT-1 (Implement Trip Reduction Program), TRT-7 (Market Commute Trip Reduction Option), and TRT-11 (Employee Vanpool/Shuttle).
- A-1 - Electric Landscape Equipment.
- BE-1 – Exceed Title 24. The project would be required to comply with CALGreen Tier 2, which requires a 30 percent improvement.
- SW-1 – 75 Percent Reduction in Solid Waste Disposal.

Additionally, the following design features/mitigation measures were quantified outside of CalEEMod:

- **Electric Cargo Handling Equipment.** Electric cargo handling equipment (see Project Design Feature (PDF) AQ-2, below) emissions from energy consumption were calculated based on 51 forklifts and 9 yard trucks operating for 12 hours per day and the Southern California Edison (SCE) electricity CO_{2e} emissions factor from CalEEMod. As noted above, the assumptions for the equipment is based on the SCAQMD *High Cube Warehouse Truck Trip Study White Paper* (2014).

¹⁰ California Air Resources Board, *Appendix B: Emissions Estimation Methodology for On-Road Diesel-Fueled Heavy-Duty Drayage Trucks at California Ports and Intermodal Rail Yards*, 2007. Available at: https://ww3.arb.ca.gov/msei/onroad/downloads/drayage_trucks/appbf.pdf

¹¹ California Air Pollution Control Officers Association (CAPCOA), *CalEEMod User Guide Appendix A: Calculation Details, Section 5.2 Methodology for Converting EMFAC2017 Emission Rates into CalEEMod Vehicle Emission Factors*, May 2021.

¹² California Air Resources Board, *EMFAC2021 Volume III Technical Document*, March 21, 2021.

¹³ California Air Pollution Control Officers Association, *Quantifying Greenhouse Gas Mitigation Measures*, August 2010.

- On-Site Renewable Energy.** Solar photovoltaic (PV) panels installed on Phase 1 or other source of renewable energy generation on-site would provide 100 percent of the expected building load (i.e., the Title 24 electricity demand and the plug-load, conservatively anticipated to be approximately 8.87 kilowatt hours (kWh) per year per square foot (sf)^{14, 15}). With expected energy consumption at 8.87 kWh/ sf, a PV panel array covering approximately one quarter of the proposed roof space would provide sufficient on-site renewable energy generation to offset consumption. The final PV generation facility size would require approval by Southern California Edison (SCE). SCE's Rule 21 governs operating and metering requirements for any facility connected to SCE's distribution system. Should SCE limit the off-site export, the proposed project could utilize a battery energy storage system (BESS) to lower off-site export while maintaining on-site renewable generation to off-set consumption.

Should the energy consumption characteristics of a future tenant differ from this projection, there is sufficient space on the rooftop for the system to roughly triple on-site generation. The building would include an electrical system, roof structure consideration, and other infrastructure sufficiently sized to accommodate the PV arrays. The electrical system and infrastructure would be clearly labeled with noticeable and permanent signage.

4.3 Project Design Features

The Project applicant proposes the following Project Design Features (PDFs) that would be incorporated into the Project design and constructed or implemented as part of the Project. PDFs are specific design and/or operational characteristics proposed by the Project Applicant that are incorporated into the Project and part of the Project description and Specific Plan. Because PDFs are incorporated into the Project, they do not constitute mitigation measures. It should be noted that PDF AQ-1 indicates that the Project would not include cold storage. Cold storage is also not an allowed use in the Specific Plan. Therefore, this analysis models the warehouses as unrefrigerated. PDF AQ-2 notes that all cargo handling equipment would be powered by electricity. Emissions from diesel cargo handling equipment are provided in the impact analysis for informational purposes and implementation of PDF AQ-2 is reflected under the mitigated scenario. Additional emissions benefits from implementation of PDF AQ-3 through PDF AQ-19 are conservatively not quantified; no credit is taken for these measures.

PDF AQ-1 The Project does not include cold storage.

PDF AQ-2 All Phase 1 outdoor cargo handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, and forklifts) shall be powered by electricity. Each building shall include the necessary charging stations for cargo handling equipment. The building manager or their designee shall be responsible for enforcing these requirements. Note that SCAQMD Rule 2305 (Warehouse Indirect Source Rule) Warehouse Actions and Investments to Reduce Emissions (WAIRE) points may be earned for electric/zero emission yard truck/hostler usage.

¹⁴ U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey. Table PBA4. Electricity consumption totals and conditional intensities by building activity subcategories, 2012. 75th percentile value for Nonrefrigerated Distribution Center = 8.5kWh/year/sf

¹⁵ Additional consumption of 30 Level 2 EV chargers providing 6 hours of charge time for two employee shifts per day = 0.37kWh/year/sf

- PDF AQ-3** Tenant lease agreements for Phase 1 shall include contractual language restricting trucks and support equipment from nonessential idling longer than 5 minutes while on site.
- PDF AQ-4** All heavy-duty vehicles registered in California entering or operated on Phase 1 shall be model year 2010 or later. This requirement shall be included as part of tenant's agreement with third-party carriers. Tenants shall maintain records on its fleet equipment and ensure that all heavy-duty trucks accessing the Phase 1 use year 2010 or newer engines. The records shall be maintained onsite and be made available for inspection by the City. Encouraging the use of model year 2010 or newer trucks and other efficiency measures could incentivize near zero emission (NZE) or zero emission (ZE) truck visits, which would facilitate compliance with SCAQMD Rule 2305 2305 (Warehouse Indirect Source Rule).
- PDF AQ-5** Phase 1 facility operators shall be required to train managers and employees on efficient scheduling and load management to eliminate unnecessary queuing and idling of trucks. The building manager or their designee shall be responsible for enforcing these requirements.
- PDF AQ-6** Phase 1 tenants shall train its staff in charge of keeping vehicle records in diesel technologies and compliance with CARB regulations, by attending CARB-approved courses. Facility operators shall maintain records on-site demonstrating compliance and make records available for inspection by the local jurisdiction, air district, and state upon request. The building manager or their designee shall be responsible for enforcing these requirements.
- PDF AQ-7** Phase 1 tenants shall maintain records on its fleet equipment and vehicle engine maintenance to ensure that equipment and vehicles serving the warehouses within the project are in good condition, and in proper tune pursuant to manufacturer's specifications. The building manager or their designee shall be responsible for enforcing these requirements.
- PDF AQ-8** The facility operator for Phase 1 shall ensure that site enforcement staff in charge of keeping the daily log and monitoring for excess idling will be trained/certified in diesel health effects and technologies, for example, by requiring attendance at California Air Resources Board-approved courses (such as the free, one-day Course #512). The building manager or their designee shall be responsible for enforcing these requirements.
- PDF AQ-9** Phase 1 tenants shall include contractual language in tenant lease agreements that requires the tenant be in, and monitor compliance with, all current air quality regulations for on-road trucks including CARB's Heavy-Duty (Tractor-Trailer) Greenhouse Gas Regulation, Periodic Smoke Inspection Program (PSIP), and the Statewide Truck and Bus Regulation.
- PDF AQ-10** The Phase 1 site shall install 30 light-duty vehicle charging stations and conduit for 59 future electric light-duty vehicle charging stations. Spaces with conduit for future charging stations shall have properly sized and listed raceways/conduits, dedicated branch circuits, service panel or subpanel(s). Both the service panel or subpanel(s) and the raceway termination location shall be visibly marked as "EV CAPABLE".

- PDF AQ-11** Designate 119 parking spaces for clean air/electric vehicle/vanpool parking on the Phase 1 site.
- PDF AQ-12** Phase 1 tenants shall enroll in the United States Environmental Protection Agency's SmartWay program and tenants shall use carriers that are SmartWay carriers.
- PDF AQ-13** The Phase 1 facility operator shall provide tenants with an information packet that:
- Provides information on incentive programs, such as the Carl Moyer Memorial Air Quality Standards Attainment Program (Moyer Program) and Voucher Incentive Program, and other similar funding opportunities to upgrade their fleets. The Moyer Program On-Road Heavy-Duty Vehicles Voucher Incentive Program (VIP) provides funding to individuals seeking to purchase new or used vehicles with 2013 or later model year engines to replace an existing vehicle that is to be scrapped.
 - Recommends the use of electric or alternatively fueled sweepers with high efficiency particulate air (HEPA) filters;
 - Recommends the use of water-based or low VOC cleaning; and
 - For occupants with more than 250 employees, information related to SCAQMD Rule 2202, which requires the establishment of a transportation demand management program to reduce employee commute vehicle emissions.
- PDF AQ-14** Signs shall be installed at each Phase 1 exit driveway, providing directional information to the City's truck route. Text on the sign shall read "To Truck Route" with a directional arrow. Truck routes shall be clearly marked pursuant to the Municipal code.
- PDF AQ-15** The Phase 1 site shall be designed such that any check-in point for trucks is well inside the facility to ensure that there are no trucks queuing outside the facility. Vehicles can access the building using paved roads and parking lots. Further, the applicant shall provide signage to ensure that no trucks are queuing outside the facility. Signage shall also be placed at the entrance of the site for the community in case of complaints and shall include the phone number of the building manager or designee. The building manager or designee shall be responsible for ensuring compliance with this measure tenant and third-party truck owners.
- PDF AQ-16** The Phase 1 portion of the Project shall provide funding for 30 grants for the purchase of zero emission vehicle passenger cars for on-site employees. The program shall prioritize applicants who live in the City of Beaumont and the surrounding area (i.e., employees that are residents of Beaumont, Banning, or Calimesa) and who do not already own a zero emission vehicle. Additionally, grantees must be employed at the Project site for a minimum of five years. Grantees employed for less than five years must return the zero emission vehicle so that it can be used by a current employee.
- PDF AQ-17** Phase 1 shall install photocatalytic pavements or pavement coatings (such as PURETi Coat or PlusTi) that lessens pavement-related radiative forcing by reducing heat absorption and the convective re-release (pavement emissivity) from solar radiation, as well as naturally decomposing surrounding atmospheric NO₂ when exposed to ultraviolet (UV) light.

PDF AQ-18 During Phase 1 the Project shall improve vegetation and tree canopy for all sensitive receptors' properties located within a 300-foot radius of the Project boundary for a maximum one-time contribution of \$5,000 per sensitive receptor's property. The funds may be used for vegetation installation, the vegetation itself, and vegetation irrigation. If the Applicant provides reasonable evidence to the City of contacting the property owners of the sensitive receptor(s) and offering to plant vegetation and tree canopy, and the offer is declined or the property owner(s) cannot be reached, no further action shall be required.

5 POTENTIAL IMPACTS AND MITIGATION

5.1 Greenhouse Gas Emissions

Threshold 5.1 Would the Project generate GHG emissions, either directly or indirectly, that could have a significant impact on the environment?

Short-Term Construction Greenhouse Gas Emissions

The Project would result in direct emissions of CO₂, N₂O, and CH₄ from construction equipment and the transport of materials and construction workers to and from the Project site. The GHG emissions only occur during temporary construction activities and would cease once construction is complete. The total GHG emissions generated during Phase 1 of construction were combined and are shown in [Table 3: Construction-Related Greenhouse Gas Emissions](#).

Table 3: Construction-Related Greenhouse Gas Emissions	
Category	MTCO ₂ e
Phase 1 Construction	
Construction Year 1 (2023)	3,809
Construction Year 2 (2024)	4,041
Total Phase 1 Construction Emissions	7,850
Phase 1: 30-Year Amortized Construction Emissions	262
Phase 2 Construction	
Construction Year 3 (2026)	698
Construction Year 4 (2027)	299
Total Phase 2 Construction Emissions	997
Phase 2: 30-Year Amortized Construction Emissions	33
Source: CalEEMod version 2020.4.0. Refer to Appendix A for model outputs.	

As shown, Phase 1 of the Project would result in the generation of approximately 7,850 MTCO₂e over the course of construction and Phase 2 would generate approximately 997 MTCO₂e over the course of construction. Construction GHG emissions are typically summed and amortized over a 30 year period and then added to the operational emissions¹⁶. The amortized Project Phase 1 construction emissions would be 262 MTCO₂e per year while the amortized Project Phase 2 construction emissions would be 33 MTCO₂e per year. Total amortized emissions for Project Buildout would be 295 MTCO₂e per year. Once construction is complete, the generation of these GHG emissions would cease.

¹⁶ The project lifetime is based on the standard 30-year assumption of the South Coast Air Quality Management District (South Coast Air Quality Management District, *Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #13*, August 26, 2009).

Long-Term Operational Greenhouse Gas Emissions

Operational or long-term emissions occur over the life of the Project. GHG emissions would result from direct emissions such as Project generated vehicular traffic, on-site combustion of natural gas, and operation of any landscaping equipment. Operational GHG emissions would also result from indirect sources, such as off-site generation of electrical power, the energy required to convey water to, and wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

As noted above in Section 4.3, several PDFs and standard conditions of approval applicable to the Project would help to reduce GHG emissions. In addition, prior to issuance of a building permit, the City of Beaumont would review and verify that the Project plans demonstrate compliance with the current version of the Building and Energy Efficiency Standards. The Project would also be required to adhere to the provisions of CALGreen, which establishes planning and design standards for sustainable site development, and energy efficiency. Construction activities would be required to monitor air quality emissions using applicable regulatory guidance such as the SCAQMD Rules.

Phase 1 Operational Emissions

GHG emissions associated with Phase 1 of the Project are summarized in [Table 4: Phase 1 Greenhouse Gas Emissions](#). As shown in [Table 4](#), the Project's unmitigated emissions would be approximately 20,646 MTCO₂e annually from both construction and operations. Project-related GHG emissions would exceed the City's 3,000 MTCO₂e per year threshold. The majority of the GHG emissions (67 percent of unmitigated emissions and 96 percent of mitigated emissions) are associated with non-construction related mobile sources. Emissions of motor vehicles are controlled by State and Federal standards, and the Project has no control over these standards.

Emissions Source	MTCO ₂ e per Year		
	Unmitigated	Mitigated	Mitigated 2040 ⁸
Area and Indirect Sources			
Construction Amortized Over 30 Years	262	262	262
Area Source ¹	0.12	0.07	0.07
Energy ²	1,512	1,355	470
Off-road (Forklifts and Yard Trucks) ³	3,649	848	848
Emergency Backup Generator	59	59	59
Waste	1,211	303	303
Water and Wastewater ⁴	83	83	32
Solar PV ⁵	N/A	-2,417	-2,417
Subtotal	6,776	493	-443

Table 4: Phase 1 Greenhouse Gas Emissions			
Emissions Source	MTCO ₂ e per Year		
	Unmitigated	Mitigated	Mitigated 2040 ⁸
Mobile Sources			
Warehouse Trucks ⁶	8,856	8,856	5,949
Warehouse Passenger Cars ⁶	5,014	4,754	3,943
30 Zero Emission Vehicles ⁷	N/A	-99	-78
Subtotal	13,870	13,511	9,814
TOTAL	20,646	14,004	9,371
<i>Beaumont GHG Threshold</i>	<i>3,000</i>	<i>3,000</i>	<i>3,000</i>
Exceeds Threshold?	Yes	Yes	Yes
1. Mitigation Measure GHG-4 requires electric landscaping equipment, which would reduce area source emissions. 2. Mitigation Measure GHG-2 requires buildings to meet or exceed CALGreen Tier 2 standards. 3. PDF AQ-2 requires cargo handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, and forklifts) to be powered by electricity. Unmitigated emissions from diesel equipment are disclosed for informational purposes. 4. Water consumption is based on the Project's Water Supply Assessment. 5. Mitigation Measure GHG-1 requires the installation of photovoltaic solar panels to offset energy emissions. 6. Mitigation Measure AQ-3 (refer to the Projects Air Quality Assessment) requires implementation of a TDM program. 7. The Project would provide a grant program for the purchase of 30 electric passenger cars for on-site employees per PDF AQ-16. Note that these emissions reductions have been included for informational purposes and are not considered as part of the significance determination. 8. 2040 emissions are provided for informational purposes only. Emissions decrease in future years due to phased-in emissions standards, fleet turnover, and more stringent renewable electricity goals pursuant to state regulations.			
Source: CalEEMod version 2020.4.0. Refer to Appendix A for model outputs.			

Phase 2 Operational Emissions

GHG emissions associated with Phase 2 of the Project are summarized in [Table 5: Phase 2 Greenhouse Gas Emissions](#). As shown in [Table 5](#), the Project's unmitigated emissions would be approximately 11,580 MTCO₂e annually from both construction and operations. Project-related GHG emissions would exceed the City's 3,000 MTCO₂e per year threshold. The majority of the GHG emissions (86 percent unmitigated and 90 percent mitigated) are associated with non-construction related mobile sources. Emissions of motor vehicles are controlled by State and Federal standards, and the Project has no control over these standards.

Table 5: Phase 2 Greenhouse Gas Emissions			
Emissions Source	MTCO ₂ e per Year		
	Unmitigated	Mitigated	Mitigated 2040 ⁶
Area and Indirect Sources			
Construction Amortized Over 30 Years	33	33	33
Area Source ¹	0.02	0.01	0.01
Energy ²	1,284	1,085	679
Waste ³	221	55	55

Table 5: Phase 2 Greenhouse Gas Emissions			
Emissions Source	MTCO₂e per Year		
	Unmitigated	Mitigated	Mitigated 2040⁶
Water and Wastewater ⁴	99	99	24
Subtotal	1,637	1,272	791
Mobile Sources			
Employee, Delivery, and Retail Costumers ⁵	9,943	9,831	8,021
Subtotal	9,943	9,983	8,021
TOTAL	11,580	11,103	8,812
<i>Beaumont GHG Threshold</i>	<i>3,000</i>	<i>3,000</i>	<i>3,000</i>
Exceeds Threshold?	Yes	Yes	Yes
1. Mitigation Measure GHG-4 requires electric landscaping equipment, which would reduce area source emissions. 2. Mitigation Measure GHG-2 requires buildings to meet or exceed CALGreen Tier 2 standards. 3. PDF AQ-2 requires cargo handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, and forklifts) to be powered by electricity. Unmitigated emissions from diesel equipment are disclosed for informational purposes. 4. Water consumption is based on the Project's Water Supply Assessment. 5. Mitigation Measure AQ-3 (refer to the Projects Air Quality Assessment) requires implementation of a TDM program. 6. 2040 emissions are provided for informational purposes only. Emissions decrease in future years due to phased-in emissions standards, fleet turnover, and more stringent renewable electricity goals pursuant to state regulations.			
Source: CalEEMod version 2020.4.0. Refer to Appendix A for model outputs.			

The Project includes numerous PDFs that would minimize emissions. For example, the project would not include cold storage, which would reduce emissions from electricity consumption and transport refrigeration units (TRUs). All cargo handling equipment (forklifts, yard trucks, etc.) is required to be electrically powered to reduce on-site criteria pollutant emissions. All heavy-duty vehicles registered in California and entering or operated on the project site shall be model year 2010 or later. In order to promote the use of alternative fuels and clean fleets and facilitate future installation of electric vehicle supply equipment, the Project would install 30 light-duty vehicle charging stations, install conduit for 59 future electric light-duty vehicle charging stations, and designate 119 parking spaces for clean air/electric vehicle/vanpool parking. Additionally, the Project would require future tenants to attend CARB training for record keeping and ensuring vehicles comply with CARB regulations and are in good condition, enroll in the EPA's SmartWay program, provide information on CARB's Carl Moyer Voucher Incentive Program to upgrade fleets, include signage for truck routes and locate check-in points to ensure truck queues do not occur outside of the facility.

Additionally, **MM AQ-3** through **MM AQ-6** have been identified in the Project's Air Quality Assessment to reduce operational emissions. **MM AQ-3** requires the implementation of a Transportation Demand Management (TDM) program to reduce single occupant vehicle trips and encourage transit. **MM AQ-4** requires the buildings to be designed to accommodate electric vehicle (EV) infrastructure, **MM AQ-5** prohibits idling when engines are not in use, and **MM AQ-6** is required to incentivize the use of cleaner operating trucks to reduce emissions.

Standard Conditions (SC) GHG-1 through SC GHG-9, as required by the California Building Code, would provide designated parking to promote the use of alternative fuels and clean fleets, facilitate future installation of electric vehicle supply equipment, and limit idling times. **MM GHG-1** requires the

installation of solar photovoltaic (PV) panels to offset the Project's energy consumption and **MM GHG-2** requires the Project to meet or exceed CALGreen Tier 2 standards to further improve energy efficiency. Additionally, **MM GHG-3** requires the Project to divert 75 percent of waste from landfills and **MM GHG-4** requires landscape equipment to be 100 percent electric.

In addition, the Project would be required to comply with SCAQMD Rule 2305 which would directly reduce emissions or to otherwise facilitate emissions reductions. Alternatively, warehouse operators can choose to pay a mitigation fee. Funds from the mitigation fee will be used to incentivize the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby. Although Rule 2305 focuses on air quality pollutant emissions, the rule would facilitate cleaner vehicles and supporting infrastructure that would also result in GHG benefits.

Warehouse owners and operators are required to earn Warehouse Actions and Investments to Reduce Emissions (WAIRE) Points each year. WAIRE points are a menu-based system earned by emission reduction measures. Warehouse operators are required to submit an annual WAIRE Report which includes truck trip data and emission reduction measures. WAIRE points can be earned by completing actions from a menu that can include acquiring and using natural gas, Near-Zero Emissions and/or Zero-Emissions on-road trucks, zero-emission cargo handling equipment, solar panels or zero-emission charging and fueling infrastructure, or other options.

A preliminary WAIRE calculation has been conducted for the proposed Project. The Project would include rooftop solar (refer to **MM GHG-1**) and nine zero emission yard trucks that would operate for approximately 8 hours per day, 365 days per year. Based on the SCAQMD WAIRE User Calculator the Project would have a Warehouse Points Compliance Obligation (WPCO) of 1,122 and would earn 9,283 points. As a result, the Project more than fulfill its WPCO and would bank 8,161 points.¹⁷

As shown in [Table 4](#) and [Table 5](#), mitigation and PDFs would individually reduce Phase 1 and Phase 2 stationary emissions to below the City's industrial threshold of 3,000 MTCO_{2e}, however mobile source emissions would continue to exceed the threshold. The TDM program required by **MM AQ-3** will reduce GHG emissions from employees commuting to work, however the number of delivery trips and retail customer trips would not be reduced by a TDM program.

Implementation of these PDFs, mitigation measures, and standard conditions would reduce Phase 1 GHG emissions to 34,306 MTCO_{2e} per year and Phase 2 GHG emissions to 11,311 MTCO_{2e} per year, the Project's emissions would still exceed the 3,000 MTCO_{2e} per year threshold. Additional mitigation to further reduce these emissions is not feasible.

Additional mitigation to reduce the Project's mobile emissions is not feasible due to the limited ability of the City of Beaumont to address emissions resulting from trucks, cars, and/or emissions generated by these trucks outside of the City's limits. As with all land use projects, the Project's mobile and transportation related GHG emissions are a function of two parameters: emissions control technology and vehicle miles traveled (VMT).

¹⁷ Note that this calculation is preliminary and provided for informational purposes. The WAIRE Points Compliance Obligation is determined by the actual number of truck trips to the facility based on logs of truck trips submitted on January 1 after the first year of operation. The trip rates that SCAQMD uses in the WAIRE User Calculator would be slightly different than what is used in the Project's Traffic Study.

CARB is directly responsible for regulating mobile and transportation source emissions in the State. Regarding the first parameter, California addresses emissions control technology through a variety of legislation and regulatory schemes, including the state's Low Carbon Fuel Standard (Executive Order S-01-07) (LCFS), a regulatory program designed to encourage the use of cleaner low-carbon transportation fuels in California, encourage the production of those fuels, and therefore, reduce GHG emissions and decrease petroleum dependence in the transportation sector. The regulatory standards are expressed in terms of the "carbon intensity" of gasoline and diesel fuel and their substitutes. Different types of fuels are evaluated to determine their "life cycle emissions" which include the emissions associated with producing, transporting, and using the fuels. Each fuel is then given a carbon intensity score and compared against a declining carbon intensity benchmark for each year. Providers of transportation fuels must demonstrate that the mix of fuels they supply for use in California meets these declining benchmarks for each annual compliance period. In 2018, CARB approved amendments to the LCFS, which strengthened the carbon intensity benchmarks through 2030 to ensure they are in-line with California's 2030 GHG emission reduction target enacted through SB 32. This ensures that the transportation sector is meeting its obligations to achieve California's GHG reduction targets. The state is also implementing legislation and regulations to address the second parameter affecting transportation related GHG emissions by controlling for VMT. Examples of this include SB 375, which links land use and transportation funding and provides one incentive for regions to achieve reductions in VMT, and SB 743, which discourages VMT increases for passenger car trips above a region-specific benchmark. However, the state has determined that VMT regulations are not applicable to heavy trucks, such as those that will utilize the proposed Project and generate the majority of the Project's GHG emissions.

As such, the City of Beaumont has no regulatory control over emissions control technology and therefore limited ability to control or mitigate emissions associated with truck emissions associated with this Project.

Additional mitigation to further reduce the Project's non-mobile emissions is also not feasible. The Project's PDFs already address non-mobile emissions to extent possible, by designing buildings to provide environmental design features, incorporate energy and water conservation measures, and provide electrical, heating, ventilation, lighting, and power systems that meet CALGreen Standards (**MM GHG-2** requires the Project to meet or exceed CALGreen Tier 2 standards, which exceeds code requirements). Further, the project would offset energy demand with solar PV infrastructure (**MM GHG-1**), divert 75 percent of solid waste from landfills (**MM GHG-3**) and require landscape equipment to be 100 percent electric (**MM GHG-4**). Additionally, the project includes design features to require electric cargo handling equipment, EV charging stations, among various others describe above.

The reliance on carbon offsets to reduce either the Project's mobile or non-mobile emissions is also not feasible, as no local programs are available that would meet CEQA's criteria for a valid mitigation measure. To reduce emissions, purchased offset credits must be genuine, quantifiable, additional, and verifiable. Even offset credits purchased from CARB-approved offset project registries have been determined to not adequately assure that purchased offset credits accurately and reliably represent actual emissions reductions or cannot guarantee that such reductions are additional to any reduction that would occur under business-as-usual operations and reductions required by law. Such offsets have been determined to not comply with CEQA's definition of a valid mitigation measure. See *Golden Door Properties, LLC v. County of San Diego* (2020) 50 Cal.App.5th 467.

The City of Beaumont, the lead agency for the Project and the entity responsible for enforcing any mitigation measures incorporated into the Project and relied upon to reduce impacts to a less than

significant level, has no enforcement authority over offset credits that fund carbon reduction projects outside of the City. Many offset credits “sell” reductions in emissions generated outside of California, which may not be genuine or verifiable. International offsets are even more difficult to verify, guarantee and enforce. Even CARB does not have enforcement authority over such reductions, let alone the City of Beaumont. Thus, the purchase of offset credits is not a feasible mitigation measure to reduce the emissions impact of the proposed Project.

Therefore, despite the incorporation of all feasible mitigation measures, the remaining mobile emissions in Phase 1 and Phase 2 cannot feasibly be mitigated because neither the Project nor the City has the regulatory authority to control tailpipe emissions. For additional information, [Table 4](#) and [Table 5](#) show anticipated Phase 1 and Phase 2 emissions in 2040, as current State and Federal regulations continue to reduce GHG emissions. However even by 2040, mobile source emissions would remain above the City’s threshold.

Project Buildout Operational Emissions

GHG emissions associated with the entire Project are summarized in [Table 6: Project Buildout Greenhouse Gas Emissions](#). As shown in [Table 6](#), at Project Buildout, the combination of Phase 1 and Phase 2, the unmitigated emissions would be approximately 32,226 MTCO₂e annually from both construction and operations. Project-related GHG emissions would exceed the City’s 3,000 MTCO₂e per year threshold. The majority of the GHG emissions (74 percent unmitigated and 93 percent mitigated) are associated with non-construction related mobile sources. Emissions of motor vehicles are controlled by State and Federal standards, and the Project has no control over these standards.

Since mitigated future mobile source emissions exceed the City’s 3,000 MTCO₂e threshold and no additional feasible mitigation beyond **MM AQ-3** through **MM AQ-6** (refer to the Project’s Air Quality Assessment) and **MM GHG-1** through **MM GHG-4** are available to further reduce emissions, this impact remains significant and unavoidable.

Table 6: Project Buildout Greenhouse Gas Emissions			
Emissions Source	MTCO ₂ e per Year		
	Unmitigated	Mitigated	Mitigated 2040 ⁸
Area and Indirect Sources			
Construction Amortized Over 30 Years	295	295	295
Area Source ¹	0.14	0.08	0.08
Energy ²	2,796	2,440	1,149
Off-road (Forklifts and Yard Trucks) ³	3,649	848	848
Emergency Backup Generator	59	59	59
Waste	1,432	358	358
Water and Wastewater ⁴	182	182	56
Solar PV ⁵	N/A	-2,417	-2,417
Subtotal	8,413	1,765	348

Table 6: Project Buildout Greenhouse Gas Emissions			
Emissions Source	MTCO ₂ e per Year		
	Unmitigated	Mitigated	Mitigated 2040 ⁸
Mobile Sources³			
Trucks, Employees, Delivery, and Retail Costumers ⁶	23,813	23,441	17,913
30 Zero Emission Vehicles ⁷	N/A	-99	-78
Subtotal	23,813	23,342	17,835
TOTAL	32,226	25,107	18,183
<i>Beaumont GHG Threshold</i>	<i>3,000</i>	<i>3,000</i>	<i>3,000</i>
Exceeds Threshold?	Yes	Yes	Yes
1. Mitigation Measure GHG-4 requires electric landscaping equipment, which would reduce area source emissions. 2. Mitigation Measure GHG-2 requires buildings to meet or exceed CALGreen Tier 2 standards. 3. PDF AQ-2 requires cargo handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, and forklifts) to be powered by electricity. Unmitigated emissions from diesel equipment are disclosed for informational purposes. 4. Water consumption is based on the Project’s Water Supply Assessment. 5. Mitigation Measure GHG-1 requires the installation of photovoltaic solar panels to offset energy emissions. 6. Mitigation Measure AQ-3 (refer to the Projects Air Quality Assessment) requires implementation of a TDM program. 7. The Project would provide a grant program for the purchase of 30 electric passenger cars for on-site employees per PDF AQ-16. Note that these emissions reductions have been included for informational purposes and are not considered as part of the significance determination. 8. 2040 emissions are provided for informational purposes only. Emissions decrease in future years due to phased-in emissions standards, fleet turnover, and more stringent renewable electricity goals pursuant to state regulations.			
Source: CalEEMod version 2020.4.0. Refer to Appendix A for model outputs.			

Standard Conditions and Requirements:

Standard Conditions are existing requirements and standard conditions that are based on local, state, or federal regulations or laws that are frequently required independently of CEQA review. Typical standard conditions and requirements include compliance with the provisions of the Building Code, SCAQMD Rules, etc. The City may impose additional conditions during the approval process, as appropriate. Because Standard Conditions are neither Project specific nor a result of development of the Project, they are not considered to be either PDFs or Mitigation Measures.

- SC GHG-1** Require construction equipment to turn off when not in use per Title 13 of the California Code of Regulations, Section 2449.
- SC GHG-2** In accordance with California Title 24 Standards, buildings will be designed to have 15 percent of the roof area “solar ready” that will structurally accommodate later installation of rooftop solar panels. If future building operators pursue providing rooftop solar panels, they will submit plans for solar panels prior to occupancy.
- SC GHG-3** Install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls and sensors for landscaping according to the City’s Water Efficient Landscape Requirements (Section 17.06.030 of the City’s Municipal Code).
- SC GHG-4** Design buildings to be water-efficient. Install water-efficient fixtures in accordance with Section 5.303 of the California Green Building Standards Code Part 11.

- SC GHG-5** Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1 of the California Green Building Standards Code Part 11.
- SC GHG-6** Provide storage areas for recyclables and green waste and adequate recycling containers located in readily accessible areas in accordance with Section 5.410.1 of the California Green Building Standards Code Part 11.
- SC GHG-7** Provide designated parking for any combination of low-emitting, fuel efficient and carpool/van pool vehicles. At least eight percent of the total parking spaces are required to be designated in accordance with Section 5.106.5.2, Designated Parking for Clean Air Vehicles, of the California Green Building Standards Code Part 11.
- SC GHG-8** Provide at least six percent of the total parking spaces to facilitate future installation of electric vehicle supply equipment in accordance with Section 5.106.5.3.2, Multiple Charging Space Requirements, of the California Green Building Standards Code Part 11.
- SC GHG-9** Limit idling time for commercial vehicles to no more than five minutes per Title 13 of the California Code of Regulations, Section 2485.

Mitigation Measures: Refer to **MM AQ-1** through **MM AQ-6** in the Air Quality Assessment. The following additional mitigation is also required.

- MM GHG-1** Phase 1 of the project shall install solar photovoltaic (PV) panels or other source of renewable energy generation on-site, or otherwise acquire energy from the local utility that has been generated by renewable sources, that would provide 100 percent of the expected building load (i.e., the Title 24 electricity demand and the plug-load, conservatively anticipated to be approximately 8.87 kilowatt hours per year [kWh/year] per square foot^{18, 19}).

With expected energy consumption at 8.87 kWh/sf, a PV panel array covering approximately one quarter of the proposed roof space would provide sufficient on-site renewable energy generation to offset consumption. The final PV generation facility size requires approval by Southern California Edison (SCE). SCE's Rule 21 governs operating and metering requirements for any facility connected to SCE's distribution system. Should SCE limit the off-site export, the proposed Project may utilize a battery energy storage system (BESS) to lower off-site export while maintaining on-site renewable generation to off-set consumption.

¹⁸ U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey. Table PBA4. Electricity consumption totals and conditional intensities by building activity subcategories, 2012. 75th percentile value for Nonrefrigerated Distribution Center = 8.5kWh/year/sf

¹⁹ Additional consumption of 30 Level 2 EV chargers providing 6 hours of charge time for two employee shifts per day = 0.37kWh/year/sf

Should the energy consumption characteristics of a future tenant differ from this projection, there is sufficient space on the rooftop for the system to roughly triple on-site generation. The building shall include an electrical system and other infrastructure sufficiently sized to accommodate the PV arrays. The electrical system and infrastructure must be clearly labeled with noticeable and permanent signage.

- MM GHG-2** Prior to the issuance of a Phase 1 or Phase 2 building permit, the Project Applicant or successor in interest shall provide documentation to the City of Beaumont demonstrating that the Project is designed to achieve Leadership in Energy and Environmental Design (LEED) certification and meet or exceed CALGreen Tier 2 standards in effect at the time of building permit application.
- MM AGHG-3** The development (Phase 1 and Phase 2) shall divert a minimum of 75 percent of landfill waste. Prior to issuance of certificate of occupancy, a recyclables collection and load area shall be constructed in compliance with Riverside County Waste Management Department's Design Guidelines for Recyclable Collection and Loading Areas.
- MM GHG-4** Prior to the issuance of Phase 1 or Phase 2 occupancy permits, the Planning Department shall confirm that tenant lease agreements include contractual language that all landscaping equipment used onsite shall be 100 percent electrically powered. This requirement shall be included in the third-party vendor agreements for landscape services for the building owner and tenants, as applicable.

Level of Significance: Significant and unavoidable impact. No additional feasible mitigation measures are available that can reduce impacts to less than significant. As explained above, the Project incorporates all feasible mitigation measures that could be implemented to further reduce the Project's GHG emissions below the 3,000 MTCO₂e threshold. There are no additional measures available that would further reduce emissions because the majority of the Project's emissions come from mobile sources which are regulated by the State and not the City of Beaumont. Further, for the reasons discussed above, the purchase of offset credits is not feasible, as no local programs exist, and those offset registries that are available would not meet CEQA's definition of a verifiable, enforceable, and therefore, valid, mitigation measure. Impacts would remain significant and unavoidable.

5.2 Greenhouse Gas Reduction Plan Compliance

Threshold 5.2 Would the Project conflict with an applicable plan, policy, or regulation of an agency adopted for the purpose of reducing GHG emissions?

Sustainable Beaumont: The City's Roadmap to Greenhouse Gas Reductions (Climate Action Plan)

The City approved Sustainable Beaumont (Climate Action Plan) in 2015, which serves as a long-term plan for achieving sustainability by utilizing resources effectively and reducing GHG emissions. By using energy more efficiently, harnessing renewable energy to power buildings, recycling waste, and enhancing access to sustainable transportation modes, the City can keep dollars in the local economy, create new green jobs, and improve community quality of life. The goals outlined in the Climate Action Plan are shown in [Table 7: City of Beaumont, Sustainable Beaumont Plan \(Climate Action Plan\) Consistency](#). As shown in [Table 7](#), the Project would not conflict with the goals in the Climate Action Plan.

SBCOG Goals		Compliance	
GOAL 1:	Increase energy efficiency in existing residential units.	N/A:	This is not a residential project therefore this goal is not applicable.
GOAL 2:	Increase energy efficiency in new residential development.	N/A:	This is not a residential project therefore this goal is not applicable.
GOAL 3:	Increase energy efficiency in existing commercial units.	N/A:	The Project site is undeveloped; therefore, this goal is not applicable.
GOAL 4:	Increase energy efficiency in new commercial development.	Consistent:	Project is required to comply with the provisions of the California Building Energy Efficiency Standards and the Green Building Standards Code (CALGreen). MM GHG-2 requires the Project to meet CALGreen Tier 2 standards.
GOAL 5:	Increase energy efficiency through water efficiency.	Consistent:	The Project would incorporate low flow appliances and water efficient landscaping.
GOAL 6:	Decrease energy demand through reducing urban heat island effect.	Consistent:	The Project would incorporate light colored materials to reduce heat absorption in accordance with Section 140.3(a) of the California Building Code.
GOAL 7:	Decrease GHG emissions through reducing vehicle miles traveled.	Consistent:	The Project would incorporate a Transportation Design Management program (refer to MM AQ-3 in the Air Quality Assessment).
GOAL 8:	Decrease GHG emissions through reducing solid waste generation.	Consistent:	The Project would comply with AB 939 and would divert at least 50 percent of solid waste from landfills. Additionally, MM GHG-3 requires the project to divert 75 percent of its solid waste from landfills.
GOAL 9:	Decrease GHG emissions through increasing clean energy use.	Consistent:	Project is required to comply with the provisions of the California Building Energy Efficiency Standards and CALGreen. MM GHG-2 requires the Project to meet CALGreen Tier 2 standards.
GOAL 10:	Decrease GHG emissions from new development through performance standards	N/A:	The City has not implemented the GHG Screening Table.

Source: City of Beaumont, Sustainable Beaumont: The City's Roadmap to Greenhouse Gas Reductions, October 2015.

Riverside County Climate Action Plan Greenhouse Gas Screening Tables

Although the Project is currently located in the City of Beaumont, the Project area was annexed from Riverside County in 2016. Under the Riverside County CAP, projects that generate less than 3,000 MTCO_{2e} are considered less than significant, projects that generate more than 3,000 MTCO_{2e} must achieve at least 100 points on the Riverside County GHG Emissions Screening Tables (Screening Tables) to demonstrate consistency with CAP. Projects that achieve 100 points on the Screening Tables are also considered less than significant. The Screening Tables establishes a points system that assigns values for each GHG emissions mitigation design element or operational program feature incorporated into a given development project. For informational purposes, the Project is also shown to be consistent with the Riverside County CAP.

Table 8: Riverside County Climate Action Plan Screening Table identifies potential design features and their associated scores for commercial/industrial projects. Typical development projects for this category

of the Screen Tables include retail commercial, big box retail, office buildings, business parks, and typical warehousing. However, more unusual types of industrial projects, such as cement manufacturing, metal foundries, refrigerant manufacturing, electric generating stations, and oil refineries, cannot use the Screening Tables because the emission sources for those types of uses were not contemplated in the Riverside County CAP. Table 8 shows that the proposed Project has the potential to achieve 100 points on the Screening Tables.

Table 8: Riverside County Climate Action Plan Screening Table		
Feature	Description	Assigned Point Value
Insulation	2017 Title 24 Requirements (walls: R-13; roof/attic: R-30)	0
	Modestly Enhanced Insulation (walls: R-13; roof/attic: R-38)	9
	Enhanced Insulation (rigid wall insulation: R-13; roof/attic: R-38)	11
	Greatly Enhanced Insulation (spray foam wall insulated walls R-15 or higher) roof/attic R-38 or higher)	12
Windows	2016 Title 24 Windows (0.57 U-factor, 0.4 solar heat gain coefficient (SHGC))	0
	Modestly Enhanced Window Insulation {0.4 U-Factor, 0.32 SHGC}	4
	Enhanced Window Insulation {0.32 U-Factor, 0.25 SHGC}	5
	Greatly Enhanced Window Insulation {0.28 or less U-Factor, 0.22 or less SHGC}	7
Cool Roof	Modest Cool Roof (CRRC Rated 0.15 aged solar reflectance, 0.75 thermal emittance)	7
	Enhanced Cool Roof (CRRC Rated 0.2 aged solar reflectance, 0.75 thermal emittance)	8
	Greatly Enhanced Cool Roof (CRRC Rated 0.35 aged solar reflectance, 0.75 thermal emittance)	10
Air Infiltration	Air barrier applied to exterior walls, caulking, and visual inspection such as the HERS Verified Quality Insulation Installation (QII or equivalent)	7
	Blower Door HERS Verified Envelope Leakage or equivalent	6
Thermal Storage of Building	Modest Thermal Mass (10% of floor or 10% of walls: 12" or more thick exposed concrete or masonry. No permanently installed floor covering such as carpet, linoleum, wood or other insulating materials)	2
	Enhanced Thermal Mass (20% of floor or 20% of walls: 12" or more thick exposed concrete or masonry. No permanently installed floor covering such as carpet, linoleum, wood or other insulating materials)	4
	Enhanced Thermal Mass (80% of floor or 80% of walls: 12" or more thick exposed concrete or masonry. No permanently installed floor covering such as carpet, linoleum, wood or other insulating materials)	14
Indoor Space Efficiencies		
Heating/Cooling Distribution System	Minimum Duct Insulation (R-4.2 required)	0
	Modest Duct insulation (R-6)	5
	Enhanced Duct Insulation (R-8)	6

Table 8: Riverside County Climate Action Plan Screening Table		
Feature	Description	Assigned Point Value
	Distribution loss reduction with inspection (HERS Verified Duct Leakage or equivalent)	8
Space Heating/ Cooling Equipment	2016 Title 24 Minimum HVAC Efficiency (EER 13/75% AFUE or 7.7 HSPF)	0
	Improved Efficiency HVAC (EER 14/78% AFUE or 8 HSPF)	4
	High Efficiency HVAC (EER 15/80% AFUE or 8.5 HSPF)	5
	Very High Efficiency HVAC (EER 16/82% AFUE or 9 HSPF)	7
Water Heaters	2016 Title 24 Minimum Efficiency (0.57 Energy Factor)	0
	Improved Efficiency Water Heater (0.675 Energy Factor)	8
	High Efficiency Water Heater (0.72 Energy Factor)	10
	Very High Efficiency Water Heater (0.92 Energy factor)	11
	Solar Pre-heat System (0.2 Net Solar Fraction)	2
	Enhanced Solar Pre-heat System (0.35 Net Solar Fraction)	5
Daylighting	All peripheral rooms within building have at least one window or skylight	0
	All rooms within the living space have daylight (through use of windows, solar tubes, skylights, etc.)	1
	All rooms daylighted	1
Artificial Lighting	Efficient lights (25% of In-unit fixtures considered high efficacy. High efficacy is defined as 40 lumens/watt for 15 watt or less fixtures; 50 lumens/watt for 15 to 40 watt fixtures, 60 lumens/watt for fixtures >40watt)	5
	High Efficiency lights (50% of in-unit fixtures are high efficacy)	7
	Very High Efficiency Lights (100% of in-unit fixtures are high efficacy)	8
Appliances	Energy Star Commercial Refrigerator (new)	2
	Energy Star Commercial Dish Washer (new)	2
	Energy Star Commercial Cloths Washing	2
Miscellaneous Commercial Building Efficiencies		
Building Placement	North/south alignment of building or other building placement such that the orientation of the buildings optimizes conditions for natural heating, cooling, and lighting	4
Shading	At least 90% of south-facing glazing will be shaded by vegetation or overhangs at noon on Jun 21st	6
Clean Energy		
Photovoltaic	Solar panels provide 30 percent of power needs of the project	8
	Solar panels provide 40 percent of power needs of the project	12
	Solar panels provide 50 percent of power needs of the project	16

Table 8: Riverside County Climate Action Plan Screening Table		
Feature	Description	Assigned Point Value
	Solar panels provide 60 percent of power needs of the project	19
	Solar panels provide 70 percent of power needs of the project	23
	Solar panels provide 80 percent of power needs of the project	26
	Solar panels provide 90 percent of power needs of the project	30
	Solar panels provide 100 percent of power needs of the project	34
Wind Turbines	Wind turbines provide 30 percent of power needs of the project	8
	Wind turbines provide 40 percent of power needs of the project	12
	Wind turbines provide 50 percent of power needs of the project	16
	Wind turbines provide 60 percent of power needs of the project	19
	Wind turbines provide 70 percent of power needs of the project	23
	Wind turbines provide 80 percent of power needs of the project	26
	Wind turbines provide 90 percent of power needs of the project	30
	Wind turbines provide 100 percent of power needs of the project	34
Irrigation and Landscaping		
Water Efficient Landscaping	Eliminate conventional turf from landscaping	0
	Only moderate water using plants	2
	Only low water using plants	3
	Only California Native landscape that requires no, or only supplemental, irrigation	5
Water Efficient Irrigation Systems	Low precipitation spray heads < .75"/hour, or drip irrigation	1
	Weather based Irrigation control systems combined with drip irrigation (demonstrate 20% reduced water use)	3
Potable Water		
Showers	Water Efficient Showerheads (2.0 gpm)	2
Toilets	Water Efficient Toilets (1.5 gpm)	3
	Waterless Urinals (note that commercial buildings having both waterless urinals and high efficiency toilets will have a combined point value of 6 points)	3
Faucets	Water Efficient faucets (1.28 gpm)	2
Commercial Dishwashers	Water Efficient Dishwasher (20% water savings)	2
Commercial Laundry Washers	Water Efficient laundry (15% water savings)	2
	High Efficiency laundry Equipment that captures and reuses rinse water (30% water savings)	4
Increase Commercial/Industrial Reclaimed Water Use		

Table 8: Riverside County Climate Action Plan Screening Table		
Feature	Description	Assigned Point Value
Recycled Water	Graywater (purple pipe) irrigation system on site	5
Ride-Sharing and Bike-to-Work Programs		
Alternative Scheduling	Provide flexibility in scheduling such that at least 30% of employees participate in 9/80 work week, 4-day/40-hour work week, or telecommuting 1.5 days/week.	5
Car/Vanpools	Car/vanpool program	1
	Car/vanpool program with preferred parking	2
	Car/vanpool with guaranteed ride home program	3
	Subsidized employee incentive car/vanpool program (Note: combine all applicable points for total value)	5
Employee Bicycle/ Pedestrian Programs	Complete sidewalk to residential within ½ mile	1
	Complete bike path to residential within 3 miles	1
	Bike lockers and secure racks	1
	Showers and changing facilities	2
	Subsidized employee walk/bike program (Note: combine all applicable points for total value)	3
Shuttle/Transit Programs	Local transit within ¼ mile	1
	Light rail transit within ½ mile	3
	Shuttle service to light rail transit station	5
	Guaranteed ride home program	1
	Subsidized Transit passes (Note: combine all applicable points for total value)	2
Preferential Parking		
Parking	Provide reserved preferential parking spaces for car-share, carpool, and ultra-low or zero emission vehicles.	1
	Provide larger parking spaces that can accommodate vans used for ridesharing programs and reserve them for vanpools and include adequate passenger waiting/loading areas.	1
Signal Synchronization and Intelligent Traffic Systems		
Signal Improvements	Synchronize signals along arterials used by project	1 per signal
	Connect signals along arterials to existing ITS.	3 per signal
Adopt and Implement a Bicycle Master Plan to Expand Bike Routes around the County		
Sidewalks	Provide sidewalks on one side of the street (required)	0
	Provide sidewalks on both sides of the street	1
	Provide pedestrian linkage between commercial and residential land uses within 1 mile	3

Table 8: Riverside County Climate Action Plan Screening Table		
Feature	Description	Assigned Point Value
Bicycle Paths	Provide bicycle paths within project boundaries	1
	Provide bicycle path linkages between commercial and other land uses	2
	Provide bicycle path linkages between commercial and transit	5
Electrify the Fleet		
Electric Vehicle Recharging	Provide circuit and capacity in garages/parking areas for installation of electric vehicle charging stations	2 per area
	<i>Install electric vehicle charging stations in garages/parking areas</i>	<i>8 pts. per station / 240</i>
Neighborhood Electric Vehicle (NEV) Infrastructure	Provide NEV safe routes within the project site	3
	Provide NEV safe routes between the project site and other land uses.	5
Reduce Waste to Landfills		
Recycling	<i>Provide separated recycling bins within each commercial building/floor and provide large external recycling collection bins at central location for collection truck pick-up</i>	<i>2</i>
	Provide commercial/industrial recycling programs that fulfills an on-site goal of 80% diversion of solid waste	5
TOTAL SCREENING TABLE POINTS		353
Note: Selected design features are shown in <i>Bold</i> .		
Source: Riverside County Climate Action Plan Update, revised November 2019.		

As proposed, the Project would generate 353 points on the County's Screening Tables. Therefore, the Project is consistent with the Riverside County CAP.

Regional Transportation Plan/Sustainable Communities Strategy Consistency

On September 3, 2020, SCAG's Regional Council adopted Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy [2020 RTP/SCS]). The RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The RTP/SCS embodies a collective vision for the region's future and is developed with input from local governments, county transportation commissions, tribal governments, nonprofit organizations, businesses, and local stakeholders in the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. SCAG's RTP/SCS establishes GHG emissions goals for automobiles and light-duty trucks for 2020 and 2035 as well as an overall GHG target for the Project region consistent with both the target date of AB 32 and the post-2020 GHG reduction goals of Executive Orders 5-03-05 and B-30-15.

The RTP/SCS contains over 4,000 transportation projects, ranging from highway improvements, railroad grade separations, bicycle lanes, new transit hubs and replacement bridges. These future investments were included in county plans developed by the six county transportation commissions and seek to reduce traffic bottlenecks, improve the efficiency of the region's network, and expand mobility choices for

everyone. The RTP/SCS is an important planning document for the region, allowing project sponsors to qualify for federal funding.

The plan accounts for operations and maintenance costs to ensure reliability, longevity, and cost effectiveness. The RTP/SCS is also supported by a combination of transportation and land use strategies that help the region achieve state GHG emissions reduction goals and Federal Clean Air Act (FCAA) requirements, preserve open space areas, improve public health and roadway safety, support our vital goods movement industry, and utilize resources more efficiently. GHG emissions resulting from development-related mobile sources are the most potent source of emissions, and therefore Project comparison to the RTP/SCS is an appropriate indicator of whether the Project would inhibit the post-2020 GHG reduction goals promulgated by the state. The Project’s consistency with the RTP/SCS goals is analyzed in detail in Table 9: Regional Transportation Plan/Sustainable Communities Strategy Consistency.

Table 9: Regional Transportation Plan/Sustainable Communities Strategy Consistency	
SCAG Goals	Compliance
GOAL 1: Encourage regional economic prosperity and global competitiveness.	N/A: This is not a project-specific policy and is therefore not applicable. However, the Project is located on a vacant site and development of the site would contribute to regional economic prosperity.
GOAL 2: Improve mobility, accessibility, reliability, and travel safety for people and goods.	Consistent: Although this Project is not a transportation improvement project, the Project is located near existing transit routes on I-10.
GOAL 3: Enhance the preservation, security, and resilience of the regional transportation system.	N/A: This is not a transportation improvement project and is therefore not applicable.
GOAL 4: Increase person and goods movement and travel choices within the transportation system.	N/A: This is not a transportation improvement project and is therefore not applicable. However, the Project includes a warehouse use that would support goods movement.
GOAL 5: Reduce greenhouse gas emissions and improve air quality.	Consistent: The Project is located within an urban area in proximity to existing truck routes and freeways. Location of the project within a developed area would reduce trip lengths, which would reduce GHG and air quality emissions.
GOAL 6: Support healthy and equitable communities	Consistent: Although the Project exceeds regional thresholds for criteria pollutants, the Project does not exceed localized thresholds. Based on the Friant Ranch decision, projects that do not exceed the SCAQMD’s LSTs would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and result in no criteria pollutant health impacts.
GOAL 7: Adapt to a changing climate and support an integrated regional development pattern and transportation network.	N/A: This is not a project-specific policy and is therefore not applicable.
GOAL 8: Leverage new transportation technologies and data-driven solutions that result in more efficient travel.	N/A: This is not a project-specific policy and is therefore not applicable.

SCAG Goals	Compliance
GOAL 9: Encourage development of diverse housing types in areas that are supported by multiple transportation options.	N/A: The Project involves development of a warehouse and does not include housing.
GOAL 10: Promote conservation of natural and agricultural lands and restoration of habitats.	N/A: This Project is located on previously disturbed land and is not located on agricultural lands.

Source: Southern California Association of Governments, *Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy, 2020*.

The goals stated in the RTP/SCS were used to determine consistency with the planning efforts previously stated. As shown in [Table 9](#), the Project would be consistent with the stated goals of the RTP/SCS. Therefore, the Project would not result in any significant impacts or interfere with SCAG’s ability to achieve the region’s post-2020 mobile source GHG reduction targets.

California Air Resource Board Scoping Plan Consistency

The California State Legislature adopted Assembly Bill (AB) 32 in 2006. AB 32 focuses on reducing GHGs (CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆) to 1990 levels by the year 2020. Pursuant to the requirements in AB 32, CARB adopted the *Climate Change Scoping Plan* (Scoping Plan) in 2008, which outlines actions recommended to obtain that goal. The Scoping Plan provides a range of GHG reduction actions that include direct regulations, alternative compliance mechanisms, monetary and non-monetary incentives, voluntary actions, market-based mechanisms such as the cap-and-trade program, and an AB 32 implementation fee to fund the program.

The 2017 Scoping Plan Update identifies additional GHG reduction measures necessary to achieve the 2030 target. These measures build upon those identified in the first update to the Scoping Plan in 2013. Although a number of these measures are currently established as policies and measures, some measures have not yet been formally proposed or adopted. It is expected that these actions to reduce GHG emissions will be adopted as required to achieve statewide GHG emissions targets. As shown in [Table 10: Project Consistency with Applicable CARB Scoping Plan Measures](#), the Project is consistent with most of the strategies, while others are not applicable to the Project. As such, impacts related to consistency with the Scoping Plan would be less than significant.

Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
Transportation	California Cap-and-Trade Program Linked to Western Climate Initiative	Regulation for the California Cap on GHG Emissions and Market-Based Compliance Mechanism October 20, 2015 (CCR 95800)	Consistent. The Cap-and-Trade Program applies to large industrial sources such as power plants, refineries, and cement manufacturers. However, the regulation indirectly affects people who use the products and services produced by these industrial sources when increased cost of products or services (such as electricity and fuel) are transferred to the consumers. The Cap-and-Trade Program covers the GHG emissions associated with electricity consumed in California, generated in-state or imported. Accordingly, GHG emissions associated with CEQA

Table 10: Project Consistency with Applicable CARB Scoping Plan Measures			
Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
			projects' electricity usage are covered by the Cap-and-Trade Program. The Cap-and-Trade Program also covers fuel suppliers (natural gas and propane fuel providers and transportation fuel providers) to address emissions from such fuels and combustion of other fossil fuels not directly covered at large sources in the Program's first compliance period.
	California Light-Duty Vehicle GHG Standards	Pavley I 2005 Regulations to Control GHG Emissions from Motor Vehicles Pavley I 2005 Regulations to Control GHG Emissions from Motor Vehicles	Consistent. This measure applies to all new vehicles starting with model year 2012. The Project would not conflict with its implementation as it would apply to all new passenger vehicles purchased in California. Passenger vehicles, model year 2012 and later, associated with construction and operation of the Project would be required to comply with the Pavley emissions standards.
		2012 LEV III California GHG and Criteria Pollutant Exhaust and Evaporative Emission Standards	Consistent. The LEV III amendments provide reductions from new vehicles sold in California between 2017 and 2025. Passenger vehicles associated with the site would comply with LEV III standards.
	Low Carbon Fuel Standard	2009 readopted in 2015. Regulations to Achieve GHG Emission Reductions Subarticle 7. Low Carbon Fuel Standard CCR 95480	Consistent. This measure applies to transportation fuels utilized by vehicles in California. The Project would not conflict with implementation of this measure. Motor vehicles associated with construction and operation of the Project would utilize low carbon transportation fuels as required under this measure.
	Regional Transportation-Related GHG Targets.	SB 375. Cal. Public Resources Code §§ 21155, 21155.1, 21155.2, 21159.28	Consistent. The Project would provide development in the region that is consistent with the growth projections in the RTP/SCS.
	Goods Movement	Goods Movement Action Plan January 2007	Not applicable. The Project does not propose any changes to maritime, rail, or intermodal facilities or forms of transportation.
	Medium/Heavy-Duty Vehicle	2010 Amendments to the Truck and Bus Regulation, the Drayage Truck Regulation and the Tractor-Trailer GHG Regulation	Consistent. This measure applies to medium and heavy-duty vehicles that operate in the state. The Project would not conflict with implementation of this measure. Medium and heavy-duty vehicles associated with construction and operation of the Project would be required to comply with the requirements of this regulation.
	High Speed Rail	Funded under SB 862	Not applicable. This is a statewide measure that cannot be implemented by a project applicant or Lead Agency.
Electricity and Natural Gas	Energy Efficiency	Title 20 Appliance Efficiency Regulation	Consistent. The Project would not conflict with implementation of this measure. The Project would comply with the latest energy efficiency standards.
		Title 24 Part 6 Energy Efficiency Standards for Residential and Non-Residential Building	
		Title 24 Part 11 California Green Building Code Standards	

Table 10: Project Consistency with Applicable CARB Scoping Plan Measures			
Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
	Renewable Portfolio Standard/Renewable Electricity Standard.	2010 Regulation to Implement the Renewable Electricity Standard (33% 2020)	Consistent. The Project would obtain electricity from the electric utility, Southern California Edison (SCE). SCE obtained 36 percent of its power supply from renewable sources in 2019. Therefore, the utility would provide power when needed on site that is composed of a greater percentage of renewable sources.
	Million Solar Roofs Program	SB 350 Clean Energy and Pollution Reduction Act of 2015 (50% 2030)	
	Million Solar Roofs Program	Tax Incentive Program	
Water	Water	Title 24 Part 11 California Green Building Code Standards	Consistent. The Project would comply with the CALGreen standards, which requires a 20 percent reduction in indoor water use. The Project would also comply with the City’s Water-Efficient Landscaping Regulations (Chapter 17.06, Section 17.06.030 of the Beaumont Code of Ordinances).
		SBX 7-7—The Water Conservation Act of 2009	
		Model Water Efficient Landscape Ordinance	
Green Buildings	Green Building Strategy	Title 24 Part 11 California Green Building Code Standards	Consistent. The State is to increase the use of green building practices. The Project would implement required green building strategies through existing regulation that requires the Project to comply with various CALGreen requirements. The Project includes sustainability design features that support the Green Building Strategy.
Industry	Industrial Emissions	2010 CARB Mandatory Reporting Regulation	Not applicable. The Mandatory Reporting Regulation requires facilities and entities with more than 10,000 MTCO _{2e} of combustion and process emissions, all facilities belonging to certain industries, and all electric power entities to submit an annual GHG emissions data report directly to CARB. As shown above, although total Project GHG emissions would exceed 10,000 MTCO _{2e} , the majority of these emissions are from mobile sources. Therefore, this regulation would not apply.
Recycling and Waste Management	Recycling and Waste	Title 24 Part 11 California Green Building Code Standards	Consistent. The Project would not conflict with implementation of these measures. The Project is required to achieve the recycling mandates via compliance with the CALGreen code. The City has consistently achieved its state recycling mandates.
		AB 341 Statewide 75 Percent Diversion Goal	
Forests	Sustainable Forests	Cap and Trade Offset Projects	Not applicable. The Project is in an area designated for urban uses. No forested lands exist on-site.
High Global Warming Potential	High Global Warming Potential Gases	CARB Refrigerant Management Program CCR 95380	Consistent. The regulations are applicable to refrigerants used by large air conditioning systems and large commercial and industrial refrigerators and cold storage system. The Project would not conflict with the refrigerant management regulations adopted by CARB.

Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
Agriculture	Agriculture	Cap and Trade Offset Projects for Livestock and Rice Cultivation	Not applicable. The Project site is designated for urban development. No grazing, feedlot, or other agricultural activities that generate manure occur currently exist on-site or are proposed to be implemented by the Project.
Source: California Air Resources Board, <i>California's 2017 Climate Change Scoping Plan</i> , November 2017 and CARB, <i>Climate Change Scoping Plan</i> , December 2008.			

As seen in [Table 7](#) through [Table 10](#), the Project would be consistent with all applicable plan goals. In addition, the Project would include several sustainable design features that would help reduce GHG emissions. [Table 6](#) shows that with mitigation the Project at buildout (Phase 1 and Phase 2) is estimated to emit approximately 25,107 MTCO_{2e} per year in the opening year and 18,183 MTCO_{2e} in 2040 directly from on-site activities and indirectly from off-site motor vehicles.

Regarding goals for 2050 under Executive Order S-3-05, at this time it is not possible to quantify the emissions savings from future regulatory measures, as they have not yet been developed; nevertheless, it can be anticipated that operation of the proposed Project would benefit from the implementation of current and potential future regulations (e.g., improvements in vehicle emissions, SB 100/renewable electricity portfolio improvements, CARB’s Mobile Source Strategy, etc.) enacted to meet an 80 percent reduction below 1990 levels by 2050.

The majority of the GHG reductions from the Scoping Plan would result from continuation of the Cap-and-Trade regulation. Assembly Bill 398 (2017) extends the state’s Cap-and-Trade program through 2030 and the Scoping Plan provide a comprehensive plan for the state to achieve its GHG targets through a variety of regulations enacted at the state level. Additional reductions are achieved from electricity sector standards (i.e., utility providers to supply 60 percent renewable electricity by 2030 and 100 percent renewable by 2045), doubling the energy efficiency savings at end uses, additional reductions from the LCFS, implementing the short-lived GHG strategy (e.g., hydrofluorocarbons), and implementing the Mobile Source Strategy and Sustainable Freight Action Plan.

Several of the State’s plans and policies would contribute to a reduction in mobile source emissions from the Project. These include the following:

- CARB’s Advanced Clean Truck Regulation:** Adopted in June 2020, CARB’s Advanced Clean Truck Regulation requires truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8.
- Executive Order N-79-20:** Executive Order N-79-20 establishes the goal for all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035 and all medium and heavy-duty vehicles will be zero-emission by 2045. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment “requiring increasing volumes” of new ZEVs “towards the target of 100 percent.”

- **CARB’s Mobile Source Strategy:** CARB’s Mobile Source Strategy takes an integrated planning approach to identify the level of transition to cleaner mobile source technologies needed to achieve all of California’s targets by increasing the adoption of ZEV buses and trucks.
- **CARB’s Sustainable Freight Action Plan:** The Sustainable Freight Action Plan which improves freight system efficiency, utilizes near-zero emissions technology, and deployment of ZEV trucks. This Plan applies to all trucks accessing the Project site and may include existing trucks or new trucks that are part of the statewide goods movement sector.
- **CARB’s Emissions Reduction Plan for Ports and Goods Movement:** CARB’s Emissions Reduction Plan for Ports and Goods Movement identifies measures to improve goods movement efficiencies such as advanced combustion strategies, friction reduction, waste heat recovery, and electrification of accessories.

While these measures are not directly applicable to the Project, any commercial activity associated with goods movement would be required to comply with these measures as adopted. As such, the Project would not interfere with their implementation.

The Project would not obstruct or interfere with efforts to increase ZEVs or state efforts to improve system efficiency. As described above, the Project would be consistent with all applicable plan goals. Compliance with applicable State standards (e.g., continuation of the Cap-and-Trade regulation; CARB’s Mobile Source Strategy, Sustainable Freight Action Plan, and Advanced Clean Truck Regulation; Executive Order N-79-20; SB 100/renewable electricity portfolio improvements that require 60 percent renewable electricity by 2030 and 100 percent renewable by 2045, etc.) would ensure consistency with State and regional GHG reduction planning efforts.

As discussed above, extensive PDFs and **MM AQ-3** through **MM AQ-6** as identified in the Project’s Air Quality Assessment, would reduce mobile source emissions and would support the State’s transition to ZEVs by requiring electrical hookups at all loading bays, promoting the use of alternative fuels and clean fleets, requiring electric vehicle charging stations and/or infrastructure to support the future installation of truck charging stations. The Project would also benefit from implementation of the State programs for ZEVs and goods movement efficiencies that reduce future GHG emissions from trucks. SC GHG-1 through SC GHG-9, as required by the California Building Code, would provide designated parking to promote the use of alternative fuels and clean fleets, facilitate future installation of electric vehicle supply equipment, and limit idling times. Furthermore, **MM GHG-1** requires the installation of solar panels to offset the Project’s energy consumption and **MM GHG-2** requires the Project to meet or exceed CALGreen Tier 2 standards to further improve energy efficiency.

In conclusion, the Project does not conflict with the applicable plans that are discussed above and therefore with respect to this particular threshold, the Project does not have a significant impact. However, despite plan consistency, the Project’s long-term operational GHG emissions would exceed the City’s significance threshold of 3,000 MTCO_{2e} per year despite the implementation of **MM AQ-3** through **MM AQ-6** in the Air Quality Assessment, **MM GHG-1** through **MM GHG-4**, and energy conserving PDFs, thus the Project could impede California’s statewide GHG reduction goals for 2030 and 2050. A potentially significant impact would therefore occur as a result of the proposed Project.

Mitigation Measures: Refer to **MM AQ-3** through **MM AQ-6** in the Air Quality Assessment and **MM GHG-1** through **MM GHG-4**, above.

Level of Significance: Significant and unavoidable impact. No additional feasible mitigation measures are available that can reduce impacts to less than significant.

5.3 Cumulative Setting, Impacts, and Mitigation Measures

Cumulative Setting

Climate change is a global problem. GHGs are global pollutants, unlike criteria air pollutants and TACs, which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (about 1 day), GHGs have much longer atmospheric lifetimes of 1 year to several thousand years that allow them to be dispersed around the globe.

Cumulative Impacts

It is generally the case that an individual project of this size and nature is of insufficient magnitude by itself to influence climate change or result in a substantial contribution to the global GHG inventory. GHG impacts are recognized as exclusively cumulative impacts; there are no non-cumulative GHG emission impacts from a climate change perspective. The additive effect of Project-related GHGs would not result in a reasonably foreseeable cumulatively considerable contribution to global climate change. As discussed above, the Project-related GHG emissions would exceed the City's 3,000 MTCO_{2e} threshold of significance despite implementation of **MM AQ-3** through **MM AQ-6** from the Air Quality Assessment and **MM GHG-1** through **MM GHG-4** and could impede statewide 2030 and 2050 GHG emission reduction targets. As such, the Project would result in a potentially significant cumulative GHG impact.

Mitigation Measures: Refer to **MM AQ-3** through **MM AQ-6** in the Air Quality Assessment and **MM GHG-1** through **MM GHG-4**, above.

Level of Significance: Significant and unavoidable impact. No additional feasible mitigation measures are available that can reduce impacts to less than significant.

6 REFERENCES

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20. U.S. EPA, *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2016*, 2018.
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Appendix A

Greenhouse Gas Emissions Data

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - Phase 1 Passenger Cars (Unmitigated)

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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	50.00	1000sqft	1.15	50,000.00	0
Unrefrigerated Warehouse-No Rail	2,507.47	1000sqft	57.56	2,507,465.00	0
Parking Lot	1,815.96	1000sqft	41.69	1,815,959.00	0
City Park	46.10	Acre	46.10	2,008,116.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting

Land Use - Phase 1: office 50.ksf, warehouse 2507.465 ksf, landscape shown as city park 46.1 ac, parking includes stalls,drive aisles, circulation 1815.959 ksf

Construction Phase - anticipated construction schedule

Trips and VMT -

Demolition - 52251 tons of debris

Grading - export 229,412 cubic yards

Architectural Coating -

Vehicle Trips - Per Traffic Study, total Phase 1 passenger cars 3,033 trips / 50 ksf = 60.66

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Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products - Updated based on growth adjusted statewide building area for 2017 and CARB 2017 statewide ROG emissions (latest available)

Area Coating -

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation -

Operational Off-Road Equipment -

Fleet Mix - Passenger car run

Water And Wastewater - Water consumption per WSA. Phase 1 = 34 AFY indoor, 65 AFY outdoor. Total phase 1 water use combined under warehouse

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	200.00	15.00
tblConstructionPhase	NumDays	120.00	20.00
tblConstructionPhase	NumDays	310.00	35.00
tblConstructionPhase	NumDays	3,100.00	300.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	220.00	86.00
tblConsumerProducts	ROG_EF	1.98E-05	1.97E-05
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00

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tblFleetMix	HHD	0.02	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	1.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	1.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.19
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	6.1100e-004	0.00

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblGrading	MaterialExported	0.00	229,412.00
tblLandUse	LandUseSquareFeet	2,507,470.00	2,507,465.00
tblLandUse	LandUseSquareFeet	1,815,960.00	1,815,959.00
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.38	5.07
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4500e-003	3.0230e-003
tblVehicleEF	HHD	1,353.52	809.41
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.79	4.05
tblVehicleEF	HHD	1.93	1.56
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.6990e-003	1.9780e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.5820e-003	1.8880e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.3710e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.65	0.48
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.27	5.01
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.3220e-003	2.8530e-003
tblVehicleEF	HHD	1,336.26	800.04

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.46	3.86
tblVehicleEF	HHD	1.82	1.48
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.3850e-003	1.7490e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.2820e-003	1.6690e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.60	0.35
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.2820e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.68	0.50
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.53	5.17
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4460e-003	2.9900e-003
tblVehicleEF	HHD	1,377.36	822.36
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	7.25	4.31
tblVehicleEF	HHD	1.91	1.54
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	3.1320e-003	2.2950e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.9960e-003	2.1910e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006

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tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.52	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.4940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.59	0.45
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	1.7230e-003	2.1410e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.70
tblVehicleEF	LDA	1.93	2.71
tblVehicleEF	LDA	242.29	267.95
tblVehicleEF	LDA	49.91	66.37
tblVehicleEF	LDA	3.9210e-003	4.2760e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.2520e-003	7.9000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.28
tblVehicleEF	LDA	2.3970e-003	2.6490e-003
tblVehicleEF	LDA	4.9400e-004	6.5600e-004
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.0910e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDA	1.9630e-003	2.2740e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.67	0.93
tblVehicleEF	LDA	1.71	2.27
tblVehicleEF	LDA	263.37	290.19
tblVehicleEF	LDA	49.48	65.54
tblVehicleEF	LDA	3.7370e-003	3.8070e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003

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tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	7.0570e-003	8.2850e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.24
tblVehicleEF	LDA	2.6050e-003	2.8690e-003
tblVehicleEF	LDA	4.9000e-004	6.4800e-004
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	1.6620e-003	2.1270e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.51	0.66
tblVehicleEF	LDA	1.97	2.69
tblVehicleEF	LDA	236.51	264.19
tblVehicleEF	LDA	49.99	66.33
tblVehicleEF	LDA	3.8050e-003	4.1560e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0400e-003	7.8460e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.18	0.28
tblVehicleEF	LDA	2.3400e-003	2.6120e-003
tblVehicleEF	LDA	4.9500e-004	6.5600e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7820e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDT1	5.2640e-003	9.3980e-003
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	1.15	1.99
tblVehicleEF	LDT1	2.16	6.19
tblVehicleEF	LDT1	290.48	340.93
tblVehicleEF	LDT1	60.86	89.72
tblVehicleEF	LDT1	7.4300e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	0.24	0.46

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tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8740e-003	3.3700e-003
tblVehicleEF	LDT1	6.0200e-004	8.8700e-004
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.35	0.73
tblVehicleEF	LDT1	5.9510e-003	9.9510e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	1.40	2.64
tblVehicleEF	LDT1	1.91	5.13
tblVehicleEF	LDT1	312.92	367.05
tblVehicleEF	LDT1	60.33	87.72
tblVehicleEF	LDT1	7.0650e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16

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tblVehicleEF	LDT1	0.23	0.43
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.28	0.57
tblVehicleEF	LDT1	3.0970e-003	3.6290e-003
tblVehicleEF	LDT1	5.9700e-004	8.6700e-004
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.30	0.62
tblVehicleEF	LDT1	5.0610e-003	9.3330e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.08	1.87
tblVehicleEF	LDT1	2.21	6.15
tblVehicleEF	LDT1	283.64	336.51
tblVehicleEF	LDT1	60.97	89.65
tblVehicleEF	LDT1	7.2420e-003	0.01
tblVehicleEF	LDT1	0.03	0.04

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tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8070e-003	3.3270e-003
tblVehicleEF	LDT1	6.0300e-004	8.8600e-004
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.36	0.73
tblVehicleEF	LDT2	3.0680e-003	2.9350e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.78	0.86
tblVehicleEF	LDT2	2.46	3.35
tblVehicleEF	LDT2	303.53	346.12
tblVehicleEF	LDT2	63.90	86.39
tblVehicleEF	LDT2	5.7090e-003	6.0370e-003

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tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	3.0030e-003	3.4210e-003
tblVehicleEF	LDT2	6.3200e-004	8.5400e-004
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.28	0.39
tblVehicleEF	LDT2	3.4890e-003	3.1160e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.96	1.15
tblVehicleEF	LDT2	2.18	2.80
tblVehicleEF	LDT2	324.77	369.66
tblVehicleEF	LDT2	63.35	85.34

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tblVehicleEF	LDT2	5.4560e-003	5.3860e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.22	0.29
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.22	0.30
tblVehicleEF	LDT2	3.2130e-003	3.6540e-003
tblVehicleEF	LDT2	6.2700e-004	8.4400e-004
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.25	0.33
tblVehicleEF	LDT2	2.9430e-003	2.9160e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.81
tblVehicleEF	LDT2	2.52	3.33
tblVehicleEF	LDT2	297.05	342.15

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tblVehicleEF	LDT2	64.02	86.35
tblVehicleEF	LDT2	5.5610e-003	5.8710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	2.9390e-003	3.3820e-003
tblVehicleEF	LDT2	6.3400e-004	8.5400e-004
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.29	0.39
tblVehicleEF	LHD1	4.5140e-003	4.7350e-003
tblVehicleEF	LHD1	3.9530e-003	2.4440e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18

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tblVehicleEF	LHD1	0.53	0.52
tblVehicleEF	LHD1	0.87	1.70
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	333.42
tblVehicleEF	LHD1	10.02	14.83
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	5.1450e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.18	0.09
tblVehicleEF	LHD1	0.27	0.38
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	4.3290e-003
tblVehicleEF	LHD1	9.2860e-003	6.0600e-004
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.0820e-003
tblVehicleEF	LHD1	8.8650e-003	5.5700e-004
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005

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tblVehicleEF	LHD1	5.9720e-003	3.2960e-003
tblVehicleEF	LHD1	9.9000e-005	1.4700e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5250e-003	4.7520e-003
tblVehicleEF	LHD1	4.0100e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.54	0.17
tblVehicleEF	LHD1	0.83	1.61
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.08	224.47
tblVehicleEF	LHD1	9.95	14.68
tblVehicleEF	LHD1	8.8400e-004	8.2400e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.11	0.83
tblVehicleEF	LHD1	0.27	0.36
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004

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tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.8000e-005	1.4500e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5130e-003	4.7380e-003
tblVehicleEF	LHD1	3.9460e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.17
tblVehicleEF	LHD1	0.88	1.68
tblVehicleEF	LHD1	9.22	9.13

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tblVehicleEF	LHD1	614.07	224.47
tblVehicleEF	LHD1	10.02	14.80
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.16	0.86
tblVehicleEF	LHD1	0.27	0.37
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.9000e-005	1.4600e-004
tblVehicleEF	LHD1	2.3640e-003	0.13

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tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD2	2.9170e-003	2.6560e-003
tblVehicleEF	LHD2	3.0330e-003	7.0200e-004
tblVehicleEF	LHD2	7.4140e-003	9.8440e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.18
tblVehicleEF	LHD2	0.50	0.87
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	180.57
tblVehicleEF	LHD2	6.89	7.65
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	2.3060e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.31	0.04
tblVehicleEF	LHD2	0.17	0.20
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.02
tblVehicleEF	LHD2	0.01	2.1050e-003
tblVehicleEF	LHD2	0.01	2.5500e-004
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	8.3350e-003
tblVehicleEF	LHD2	2.7160e-003	5.2600e-004

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tblVehicleEF	LHD2	0.01	2.3400e-004
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.05	3.1250e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	1.7850e-003
tblVehicleEF	LHD2	6.8000e-005	7.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.06	4.5590e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9240e-003	2.6660e-003
tblVehicleEF	LHD2	3.0520e-003	3.3970e-003
tblVehicleEF	LHD2	7.1660e-003	9.4730e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.48	0.82
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.66	432.69
tblVehicleEF	LHD2	6.85	7.57
tblVehicleEF	LHD2	1.8790e-003	1.9420e-003

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tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.23	1.00
tblVehicleEF	LHD2	0.16	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4310e-003	0.00

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tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9160e-003	2.6580e-003
tblVehicleEF	LHD2	3.0280e-003	3.3970e-003
tblVehicleEF	LHD2	7.4680e-003	9.7800e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.51	0.86
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	432.69
tblVehicleEF	LHD2	6.89	7.63
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.29	1.04
tblVehicleEF	LHD2	0.17	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06

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tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	MCY	0.32	0.59
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	18.66	0.59
tblVehicleEF	MCY	8.60	7.75
tblVehicleEF	MCY	208.37	0.59
tblVehicleEF	MCY	59.78	48.61
tblVehicleEF	MCY	0.06	0.59
tblVehicleEF	MCY	0.01	8.0720e-003
tblVehicleEF	MCY	1.12	0.59
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.59
tblVehicleEF	MCY	4.0000e-003	0.59
tblVehicleEF	MCY	1.8970e-003	0.59

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tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.59
tblVehicleEF	MCY	1.0000e-003	0.59
tblVehicleEF	MCY	1.7720e-003	0.59
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.13	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.80	1.30
tblVehicleEF	MCY	2.0620e-003	0.59
tblVehicleEF	MCY	5.9200e-004	4.8100e-004
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.64	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.96	1.41
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.21	0.16
tblVehicleEF	MCY	19.32	0.51
tblVehicleEF	MCY	8.01	6.99
tblVehicleEF	MCY	209.35	0.51
tblVehicleEF	MCY	58.19	46.86
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	7.9140e-003
tblVehicleEF	MCY	0.97	0.51
tblVehicleEF	MCY	0.25	0.13

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tblVehicleEF	MCY	0.01	0.51
tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8970e-003	0.51
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7720e-003	0.51
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.11	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.61	1.14
tblVehicleEF	MCY	2.0720e-003	0.51
tblVehicleEF	MCY	5.7600e-004	4.6300e-004
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.62	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.75	1.24
tblVehicleEF	MCY	0.32	0.57
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.23	0.57
tblVehicleEF	MCY	8.56	7.58
tblVehicleEF	MCY	207.67	0.57
tblVehicleEF	MCY	59.73	48.24
tblVehicleEF	MCY	0.06	0.57

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MCY	0.02	8.0650e-003
tblVehicleEF	MCY	1.11	0.57
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8970e-003	0.57
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.7720e-003	0.57
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.12	0.57
tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.81	1.27
tblVehicleEF	MCY	2.0550e-003	0.57
tblVehicleEF	MCY	5.9100e-004	4.7700e-004
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.63	0.57
tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.97	1.38
tblVehicleEF	MDV	3.8660e-003	4.3470e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.88	1.08
tblVehicleEF	MDV	2.79	3.80

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tblVehicleEF	MDV	380.99	428.27
tblVehicleEF	MDV	79.79	106.32
tblVehicleEF	MDV	7.9960e-003	9.3090e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.44
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.34	0.51
tblVehicleEF	MDV	3.7660e-003	4.2310e-003
tblVehicleEF	MDV	7.9000e-004	1.0510e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.37	0.55
tblVehicleEF	MDV	4.4030e-003	4.6160e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	1.07	1.44

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	2.46	3.17
tblVehicleEF	MDV	403.42	452.81
tblVehicleEF	MDV	79.12	105.07
tblVehicleEF	MDV	7.6790e-003	8.3980e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.43
tblVehicleEF	MDV	3.9880e-003	4.4740e-003
tblVehicleEF	MDV	7.8300e-004	1.0390e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.32	0.48
tblVehicleEF	MDV	3.7110e-003	4.3170e-003
tblVehicleEF	MDV	0.07	0.10

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.82	1.02
tblVehicleEF	MDV	2.85	3.78
tblVehicleEF	MDV	374.20	424.12
tblVehicleEF	MDV	79.93	106.27
tblVehicleEF	MDV	7.8110e-003	9.0770e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.43
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.35	0.51
tblVehicleEF	MDV	3.6990e-003	4.1900e-003
tblVehicleEF	MDV	7.9100e-004	1.0510e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.38	0.55
tblVehicleEF	MH	7.6030e-003	5.0000e-005

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tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4140e-003
tblVehicleEF	MH	1.85	2.20
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.37	21.75
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.49	1.48
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.9100e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.2000e-005
tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	5.3110e-003

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tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.7620e-003	5.1000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.93	2.5770e-003
tblVehicleEF	MH	1.72	2.05
tblVehicleEF	MH	1,405.75	5.1850e-003
tblVehicleEF	MH	17.17	21.48
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.38
tblVehicleEF	MH	0.22	0.28
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.5200e-004
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5000e-005
tblVehicleEF	MH	1.7000e-004	2.1200e-004
tblVehicleEF	MH	1.92	42.99

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tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.07	5.9380e-003
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.5890e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4820e-003
tblVehicleEF	MH	1.86	2.19
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.40	21.73
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.47	1.46
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.7900e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.10

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.01	4.3000e-005
tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.06	5.3200e-003
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	3.2360e-003	0.02
tblVehicleEF	MHD	1.1890e-003	6.8060e-003
tblVehicleEF	MHD	8.2020e-003	6.2760e-003
tblVehicleEF	MHD	0.35	0.67
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.92	0.73
tblVehicleEF	MHD	67.57	168.63
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.28	6.30
tblVehicleEF	MHD	9.7850e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4480e-003	4.4130e-003
tblVehicleEF	MHD	0.38	0.91
tblVehicleEF	MHD	0.90	0.83
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.6800e-004	1.7580e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.5200e-004	1.6810e-003
tblVehicleEF	MHD	0.06	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4100e-004	1.5540e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.0810e-003	0.02
tblVehicleEF	MHD	1.2070e-003	6.8270e-003
tblVehicleEF	MHD	7.9360e-003	6.0320e-003
tblVehicleEF	MHD	0.31	0.62
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.88	0.69
tblVehicleEF	MHD	67.48	167.39
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.21	6.23
tblVehicleEF	MHD	9.7380e-003	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.3770e-003	4.3320e-003
tblVehicleEF	MHD	0.38	0.88
tblVehicleEF	MHD	0.85	0.78
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.1300e-004	1.4930e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.0000e-004	1.4270e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4000e-004	1.5420e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.1000e-005	6.2000e-005
tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.4620e-003	0.02
tblVehicleEF	MHD	1.1760e-003	6.8070e-003
tblVehicleEF	MHD	8.2760e-003	6.2200e-003
tblVehicleEF	MHD	0.42	0.73
tblVehicleEF	MHD	0.15	0.18
tblVehicleEF	MHD	0.93	0.73
tblVehicleEF	MHD	67.69	170.35
tblVehicleEF	MHD	926.25	1,118.29
tblVehicleEF	MHD	8.31	6.29
tblVehicleEF	MHD	9.8540e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4910e-003	4.3870e-003
tblVehicleEF	MHD	0.40	0.95
tblVehicleEF	MHD	0.89	0.81
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	4.4400e-004	2.1240e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	4.2500e-004	2.0310e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4200e-004	1.5700e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	OBUS	8.5080e-003	0.02
tblVehicleEF	OBUS	4.2530e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.37	2.75
tblVehicleEF	OBUS	68.87	66.98
tblVehicleEF	OBUS	1,309.02	1,397.61
tblVehicleEF	OBUS	19.83	22.88
tblVehicleEF	OBUS	8.7920e-003	8.7370e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.25
tblVehicleEF	OBUS	0.82	1.09
tblVehicleEF	OBUS	0.75	0.68
tblVehicleEF	OBUS	8.4000e-005	4.8500e-004
tblVehicleEF	OBUS	0.13	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	8.0000e-005	4.6400e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5700e-004	6.0100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9600e-004	2.2600e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.09
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	8.5790e-003	0.02
tblVehicleEF	OBUS	4.3450e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.53	0.80
tblVehicleEF	OBUS	2.22	2.56

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	68.13	66.50
tblVehicleEF	OBUS	1,309.04	1,397.64
tblVehicleEF	OBUS	19.57	22.55
tblVehicleEF	OBUS	8.6810e-003	8.6660e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.24
tblVehicleEF	OBUS	0.76	1.02
tblVehicleEF	OBUS	0.74	0.66
tblVehicleEF	OBUS	7.4000e-005	4.1500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	7.1000e-005	3.9600e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5000e-004	5.9700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9400e-004	2.2300e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.4380e-003	0.02
tblVehicleEF	OBUS	4.2250e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.51	0.49
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.40	2.75
tblVehicleEF	OBUS	69.89	67.64
tblVehicleEF	OBUS	1,309.01	1,397.62
tblVehicleEF	OBUS	19.87	22.86
tblVehicleEF	OBUS	8.9530e-003	8.8430e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.81	1.07
tblVehicleEF	OBUS	0.75	0.67
tblVehicleEF	OBUS	9.7000e-005	5.8300e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	9.2000e-005	5.5700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.3240e-003	0.13

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.6700e-004	6.0800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9700e-004	2.2600e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9240e-003	1.35
tblVehicleEF	SBUS	7.2340e-003	7.6310e-003
tblVehicleEF	SBUS	3.17	3.01
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.94	1.01
tblVehicleEF	SBUS	360.62	270.86
tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.13	6.31
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.1380e-003	6.9780e-003
tblVehicleEF	SBUS	3.27	1.26

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	4.25	2.61
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.1780e-003	1.5420e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.0400e-003	1.4610e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4450e-003	1.4550e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.2000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9920e-003	1.35
tblVehicleEF	SBUS	6.0650e-003	6.3630e-003
tblVehicleEF	SBUS	3.13	2.99
tblVehicleEF	SBUS	0.49	5.27
tblVehicleEF	SBUS	0.68	0.72
tblVehicleEF	SBUS	369.09	274.36
tblVehicleEF	SBUS	1,081.75	1,236.71
tblVehicleEF	SBUS	5.70	5.84
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.16
tblVehicleEF	SBUS	6.9050e-003	6.7170e-003
tblVehicleEF	SBUS	3.34	1.30
tblVehicleEF	SBUS	4.00	2.45
tblVehicleEF	SBUS	0.86	0.16
tblVehicleEF	SBUS	2.6870e-003	1.3600e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	2.5700e-003	1.2870e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	1.4230e-003	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.5250e-003	1.4880e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	5.6000e-005	5.8000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9160e-003	1.35
tblVehicleEF	SBUS	7.4960e-003	7.7660e-003
tblVehicleEF	SBUS	3.22	3.02
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.98	1.03
tblVehicleEF	SBUS	348.92	266.04
tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.21	6.35
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.2380e-003	7.0390e-003
tblVehicleEF	SBUS	3.17	1.22
tblVehicleEF	SBUS	4.22	2.57
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.8560e-003	1.7920e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.6900e-003	1.7010e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.05
tblVehicleEF	SBUS	3.3350e-003	1.4100e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.3000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.46	2.70
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.32	27.39
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7100e-004
tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.08	0.16

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.24	2.29
tblVehicleEF	UBUS	1,592.06	1,797.26
tblVehicleEF	UBUS	16.95	26.70
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.47
tblVehicleEF	UBUS	0.16	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.13
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.6800e-004	2.6400e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.45	2.68
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.30	27.35
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7000e-004

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	30.00
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TTP	19.00	100.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	60.66
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	2.19	0.00

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	SU_TR	0.70	60.66
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	60.66
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	8,886,687.40	0.00
tblWater	IndoorWaterUseRate	579,852,437.50	11,078,948.68
tblWater	OutdoorWaterUseRate	54,927,290.22	0.00
tblWater	OutdoorWaterUseRate	5,446,679.37	0.00
tblWater	OutdoorWaterUseRate	0.00	21,180,343.07

2.0 Emissions Summary

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2023	0.8511	6.3670	8.4522	0.0395	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,703.4129	3,703.4129	0.1421	0.3419	3,808.8619
2024	13.2387	5.3550	11.1043	0.0426	3.4784	0.1162	3.5946	0.9369	0.1092	1.0462	0.0000	3,954.7775	3,954.7775	0.1427	0.2782	4,041.2574
Maximum	13.2387	6.3670	11.1043	0.0426	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,954.7775	3,954.7775	0.1427	0.3419	4,041.2574

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					
2023	0.8511	6.3670	8.4522	0.0395	2.7058	0.1366	2.8424	0.7360	0.1281	0.8641	0.0000	3,703.4126	3,703.4126	0.1421	0.3419	3,808.8616
2024	13.2387	5.3550	11.1043	0.0426	3.2152	0.1162	3.3314	0.8723	0.1092	0.9816	0.0000	3,954.7772	3,954.7772	0.1427	0.2782	4,041.2570
Maximum	13.2387	6.3670	11.1043	0.0426	3.2152	0.1366	3.3314	0.8723	0.1281	0.9816	0.0000	3,954.7772	3,954.7772	0.1427	0.3419	4,041.2570

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	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	14.96	0.00	14.44	14.38	0.00	12.77	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2023	6-30-2023	2.5689	2.5689
2	7-1-2023	9-30-2023	2.3413	2.3413
3	10-1-2023	12-31-2023	2.2575	2.2575
4	1-1-2024	3-31-2024	2.1570	2.1570
5	4-1-2024	6-30-2024	7.1638	7.1638
6	7-1-2024	9-30-2024	9.2399	9.2399
		Highest	9.2399	9.2399

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	10.5468	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,503.9899	1,503.9899	0.1088	0.0176	1,511.9666
Mobile	0.9864	0.9980	17.3903	0.0543	5.1485	0.0275	5.1760	1.2788	0.0253	1.3041	0.0000	4,977.8809	4,977.8809	0.1090	0.1123	5,014.0720
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	3.5148	67.3155	70.8304	0.3667	9.2100e-003	82.7430
Total	11.5614	1.2540	17.6612	0.0558	5.1485	0.0471	5.1956	1.2788	0.0449	1.3238	492.2115	6,549.2959	7,041.5074	29.4659	0.1392	7,819.6239

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	10.5468	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,503.9899	1,503.9899	0.1088	0.0176	1,511.9666
Mobile	0.9864	0.9980	17.3903	0.0543	5.1485	0.0275	5.1760	1.2788	0.0253	1.3041	0.0000	4,977.8809	4,977.8809	0.1090	0.1123	5,014.0720
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	2.8119	59.6531	62.4650	0.2938	7.4300e-003	72.0251
Total	11.5614	1.2540	17.6612	0.0558	5.1485	0.0471	5.1956	1.2788	0.0449	1.3238	491.5086	6,541.6335	7,033.1421	29.3931	0.1374	7,808.9059

	ROG	NOx	CO	SO2	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	0.14	0.12	0.12	0.25	1.28	0.14

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2023	4/21/2023	5	15	
2	Site Preparation	Site Preparation	4/22/2023	5/19/2023	5	20	
3	Grading	Grading	5/20/2023	7/7/2023	5	35	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	7/8/2023	8/30/2024	5	300
5	Architectural Coating	Architectural Coating	5/1/2024	9/30/2024	5	109
6	Paving	Paving	6/1/2024	9/30/2024	5	86

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 105

Acres of Paving: 41.69

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,836,198; Non-Residential Outdoor: 1,278,733; Striped Parking Area: 108,958 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5,167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	28,677.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,675.00	1,046.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	535.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5625	0.0000	0.5625	0.0852	0.0000	0.0852	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726
Total	0.0170	0.1611	0.1473	2.9000e-004	0.5625	7.4800e-003	0.5700	0.0852	6.9600e-003	0.0921	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0446	3.1200e-003	0.0477	0.0122	2.9800e-003	0.0152	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0458	3.1300e-003	0.0489	0.0126	2.9900e-003	0.0156	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2084	0.0000	0.2084	0.0316	0.0000	0.0316	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725
Total	0.0170	0.1611	0.1473	2.9000e-004	0.2084	7.4800e-003	0.2159	0.0316	6.9600e-003	0.0385	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0416	3.1200e-003	0.0447	0.0115	2.9800e-003	0.0145	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.1400e-003	1.0000e-005	1.1500e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0427	3.1300e-003	0.0458	0.0118	2.9900e-003	0.0148	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1966	0.0127	0.2092	0.1010	0.0117	0.1127	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0728	0.0000	0.0728	0.0374	0.0000	0.0374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211
Total	0.0266	0.2752	0.1824	3.8000e-004	0.0728	0.0127	0.0855	0.0374	0.0117	0.0491	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					0.1756	0.0000	0.1756	0.0661	0.0000	0.0661	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1756	0.0249	0.2005	0.0661	0.0229	0.0891	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2473	0.0173	0.2646	0.0679	0.0165	0.0845	0.0000	763.7857	763.7857	0.0108	0.1204	799.9207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0400e-003	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5115	0.4082	7.9100e-003	0.2512	0.0173	0.2685	0.0689	0.0166	0.0855	0.0000	766.7112	766.7112	0.0109	0.1204	802.8711

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0651	0.0000	0.0651	0.0245	0.0000	0.0245	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082
Total	0.0581	0.6040	0.4909	1.0900e-003	0.0651	0.0249	0.0900	0.0245	0.0229	0.0474	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2306	0.0173	0.2479	0.0638	0.0165	0.0803	0.0000	763.7857	763.7857	0.0108	0.1204	799.9207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.5500e-003	2.0000e-005	3.5700e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5115	0.4082	7.9100e-003	0.2341	0.0173	0.2514	0.0648	0.0166	0.0813	0.0000	766.7112	766.7112	0.0109	0.1204	802.8711

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396
Total	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.4130	0.0186	0.4316	0.1192	0.0178	0.1370	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.8376	8.7400e-003	1.8463	0.4880	8.0500e-003	0.4960	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.2506	0.0274	2.2780	0.6071	0.0259	0.6330	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394
Total	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.3867	0.0186	0.4053	0.1127	0.0178	0.1305	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.6942	8.7400e-003	1.7029	0.4528	8.0500e-003	0.4608	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.0809	0.0274	2.1082	0.5655	0.0259	0.5913	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673
Total	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5782	0.0259	0.6041	0.1668	0.0248	0.1916	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.5727	0.0117	2.5843	0.6831	0.0107	0.6939	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	3.1509	0.0376	3.1884	0.8500	0.0355	0.8855	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670
Total	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5414	0.0259	0.5673	0.1578	0.0248	0.1826	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.3719	0.0117	2.3835	0.6339	0.0107	0.6446	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	2.9132	0.0376	2.9508	0.7916	0.0355	0.8272	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	12.1064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8500e-003	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	12.1162	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.1064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8500e-003	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	12.1162	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0425	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0971	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0425	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0971	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9864	0.9980	17.3903	0.0543	5.1485	0.0275	5.1760	1.2788	0.0253	1.3041	0.0000	4,977.8809	4,977.8809	0.1090	0.1123	5,014.0720
Unmitigated	0.9864	0.9980	17.3903	0.0543	5.1485	0.0275	5.1760	1.2788	0.0253	1.3041	0.0000	4,977.8809	4,977.8809	0.1090	0.1123	5,014.0720

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
General Office Building	3,033.00	3,033.00	3033.00	18,326,599	18,326,599
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	3,033.00	3,033.00	3,033.00	18,326,599	18,326,599

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	16.60	8.40	30.00	0.00	0.00	100.00	100	0	0
General Office Building	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
Unrefrigerated Warehouse-No	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.194534	0.226688	0.578778	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,225.8841	1,225.8841	0.1035	0.0125	1,232.2083
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,225.8841	1,225.8841	0.1035	0.0125	1,232.2083
Natural Gas Mitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584
Natural Gas Unmitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	459500	81.4903	6.8800e-003	8.3000e-004	81.9107
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.81732e+006	1,031.6756	0.0871	0.0106	1,036.9978
Total		1,225.8841	0.1035	0.0125	1,232.2083

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

Land Use	Electricity Use	Total CO2	CH4	N2O	CO2e
	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	459500	81.4903	6.8800e-003	8.3000e-004	81.9107
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.81732e+006	1,031.6756	0.0871	0.0106	1,036.9978
Total		1,225.8841	0.1035	0.0125	1,232.2083

6.0 Area Detail

6.1 Mitigation Measures Area

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.5468	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Unmitigated	10.5468	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3310					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-003	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Total	10.5468	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3310					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-003	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Total	10.5468	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	62.4650	0.2938	7.4300e-003	72.0251
Unmitigated	70.8304	0.3667	9.2100e-003	82.7430

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor 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 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	11.0789 / 21.1803	70.8304	0.3667	9.2100e-003	82.7430
Total		70.8304	0.3667	9.2100e-003	82.7430

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor 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 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	8.86316 / 19.8883	62.4650	0.2938	7.4300e-003	72.0251
Total		62.4650	0.2938	7.4300e-003	72.0251

8.0 Waste Detail

8.1 Mitigation Measures Waste

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	488.6967	28.8812	0.0000	1,210.7254
Unmitigated	488.6967	28.8812	0.0000	1,210.7254

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

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
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Boilers

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

Summit Station - Phase 1 Passenger Cars (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number
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11.0 Vegetation

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - Phase 1 Trucks (Unmitigated)

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Unrefrigerated Warehouse-No Rail	2,507.47	1000sqft	57.56	2,507,465.00	0
Parking Lot	1,815.96	1000sqft	41.69	1,815,959.00	0
City Park	46.10	Acre	46.10	2,008,116.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting

Land Use - Phase 1: office 50.ksf, warehouse 2507.465 ksf, landscape shown as city park 46.1 ac, parking includes stalls,drive aisles, circulation 1815.959 ksf

Construction Phase - anticipated construction schedule

Trips and VMT -

Demolition - 52251 tons of debris

Grading - export 229,412 cubic yards

Architectural Coating -

Vehicle Trips - Per Traffic Study, total Phase 1 trucks, 659 trips / 2,507.465 KSF = 0.23281523

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products - Updated based on growth adjusted statewide building area for 2017 and CARB 2017 statewide ROG emissions (latest available)

Area Coating -

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation -

Operational Off-Road Equipment -

Fleet Mix - TIA Fleet mix, truck run only

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	200.00	15.00
tblConstructionPhase	NumDays	120.00	20.00
tblConstructionPhase	NumDays	310.00	35.00
tblConstructionPhase	NumDays	3,100.00	300.00
tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	220.00	86.00
tblConsumerProducts	ROG_EF	1.98E-05	1.968E-05
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.58

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tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	1.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	1.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.19
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblGrading	MaterialExported	0.00	229,412.00
tblLandUse	LandUseSquareFeet	2,507,470.00	2,507,465.00
tblLandUse	LandUseSquareFeet	1,815,960.00	1,815,959.00
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.38	5.07
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4500e-003	3.0230e-003
tblVehicleEF	HHD	1,353.52	809.41
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.79	4.05
tblVehicleEF	HHD	1.93	1.56
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.6990e-003	1.9780e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.5820e-003	1.8880e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.3710e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.65	0.48
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.27	5.01
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.3220e-003	2.8530e-003
tblVehicleEF	HHD	1,336.26	800.04
tblVehicleEF	HHD	1,236.09	1,552.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.46	3.86
tblVehicleEF	HHD	1.82	1.48
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.3850e-003	1.7490e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.2820e-003	1.6690e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.60	0.35
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.2820e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.68	0.50

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.53	5.17
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4460e-003	2.9900e-003
tblVehicleEF	HHD	1,377.36	822.36
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	7.25	4.31
tblVehicleEF	HHD	1.91	1.54
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	3.1320e-003	2.2950e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.9960e-003	2.1910e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.6400e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.52	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.4940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.59	0.45
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	1.7230e-003	2.1410e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.70
tblVehicleEF	LDA	1.93	2.71
tblVehicleEF	LDA	242.29	267.95
tblVehicleEF	LDA	49.91	66.37
tblVehicleEF	LDA	3.9210e-003	4.2760e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.2520e-003	7.9000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.28
tblVehicleEF	LDA	2.3970e-003	2.6490e-003
tblVehicleEF	LDA	4.9400e-004	6.5600e-004
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.0910e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDA	1.9630e-003	2.2740e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.67	0.93
tblVehicleEF	LDA	1.71	2.27
tblVehicleEF	LDA	263.37	290.19
tblVehicleEF	LDA	49.48	65.54
tblVehicleEF	LDA	3.7370e-003	3.8070e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	7.0570e-003	8.2850e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.24
tblVehicleEF	LDA	2.6050e-003	2.8690e-003
tblVehicleEF	LDA	4.9000e-004	6.4800e-004
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	1.6620e-003	2.1270e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.51	0.66
tblVehicleEF	LDA	1.97	2.69
tblVehicleEF	LDA	236.51	264.19
tblVehicleEF	LDA	49.99	66.33
tblVehicleEF	LDA	3.8050e-003	4.1560e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0400e-003	7.8460e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.18	0.28
tblVehicleEF	LDA	2.3400e-003	2.6120e-003
tblVehicleEF	LDA	4.9500e-004	6.5600e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7820e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDT1	5.2640e-003	9.3980e-003
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	1.15	1.99
tblVehicleEF	LDT1	2.16	6.19
tblVehicleEF	LDT1	290.48	340.93
tblVehicleEF	LDT1	60.86	89.72
tblVehicleEF	LDT1	7.4300e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8740e-003	3.3700e-003
tblVehicleEF	LDT1	6.0200e-004	8.8700e-004
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.35	0.73
tblVehicleEF	LDT1	5.9510e-003	9.9510e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	1.40	2.64
tblVehicleEF	LDT1	1.91	5.13
tblVehicleEF	LDT1	312.92	367.05
tblVehicleEF	LDT1	60.33	87.72
tblVehicleEF	LDT1	7.0650e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.23	0.43

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tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.28	0.57
tblVehicleEF	LDT1	3.0970e-003	3.6290e-003
tblVehicleEF	LDT1	5.9700e-004	8.6700e-004
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.30	0.62
tblVehicleEF	LDT1	5.0610e-003	9.3330e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.08	1.87
tblVehicleEF	LDT1	2.21	6.15
tblVehicleEF	LDT1	283.64	336.51
tblVehicleEF	LDT1	60.97	89.65
tblVehicleEF	LDT1	7.2420e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.18

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8070e-003	3.3270e-003
tblVehicleEF	LDT1	6.0300e-004	8.8600e-004
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.36	0.73
tblVehicleEF	LDT2	3.0680e-003	2.9350e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.78	0.86
tblVehicleEF	LDT2	2.46	3.35
tblVehicleEF	LDT2	303.53	346.12
tblVehicleEF	LDT2	63.90	86.39
tblVehicleEF	LDT2	5.7090e-003	6.0370e-003
tblVehicleEF	LDT2	0.03	0.04

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tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	3.0030e-003	3.4210e-003
tblVehicleEF	LDT2	6.3200e-004	8.5400e-004
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.28	0.39
tblVehicleEF	LDT2	3.4890e-003	3.1160e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.96	1.15
tblVehicleEF	LDT2	2.18	2.80
tblVehicleEF	LDT2	324.77	369.66
tblVehicleEF	LDT2	63.35	85.34
tblVehicleEF	LDT2	5.4560e-003	5.3860e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.22	0.29
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.22	0.30
tblVehicleEF	LDT2	3.2130e-003	3.6540e-003
tblVehicleEF	LDT2	6.2700e-004	8.4400e-004
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.25	0.33
tblVehicleEF	LDT2	2.9430e-003	2.9160e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.81
tblVehicleEF	LDT2	2.52	3.33
tblVehicleEF	LDT2	297.05	342.15
tblVehicleEF	LDT2	64.02	86.35

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tblVehicleEF	LDT2	5.5610e-003	5.8710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	2.9390e-003	3.3820e-003
tblVehicleEF	LDT2	6.3400e-004	8.5400e-004
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.29	0.39
tblVehicleEF	LHD1	4.5140e-003	4.7350e-003
tblVehicleEF	LHD1	3.9530e-003	2.4440e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.52

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tblVehicleEF	LHD1	0.87	1.70
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	333.42
tblVehicleEF	LHD1	10.02	14.83
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	5.1450e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.18	0.09
tblVehicleEF	LHD1	0.27	0.38
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	4.3290e-003
tblVehicleEF	LHD1	9.2860e-003	6.0600e-004
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.0820e-003
tblVehicleEF	LHD1	8.8650e-003	5.5700e-004
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	3.2960e-003

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tblVehicleEF	LHD1	9.9000e-005	1.4700e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5250e-003	4.7520e-003
tblVehicleEF	LHD1	4.0100e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.54	0.17
tblVehicleEF	LHD1	0.83	1.61
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.08	224.47
tblVehicleEF	LHD1	9.95	14.68
tblVehicleEF	LHD1	8.8400e-004	8.2400e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.11	0.83
tblVehicleEF	LHD1	0.27	0.36
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.8000e-005	1.4500e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5130e-003	4.7380e-003
tblVehicleEF	LHD1	3.9460e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.17
tblVehicleEF	LHD1	0.88	1.68
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	224.47

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tblVehicleEF	LHD1	10.02	14.80
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.16	0.86
tblVehicleEF	LHD1	0.27	0.37
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.9000e-005	1.4600e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03

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tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD2	2.9170e-003	2.6560e-003
tblVehicleEF	LHD2	3.0330e-003	7.0200e-004
tblVehicleEF	LHD2	7.4140e-003	9.8440e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.18
tblVehicleEF	LHD2	0.50	0.87
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	180.57
tblVehicleEF	LHD2	6.89	7.65
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	2.3060e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.31	0.04
tblVehicleEF	LHD2	0.17	0.20
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.02
tblVehicleEF	LHD2	0.01	2.1050e-003
tblVehicleEF	LHD2	0.01	2.5500e-004
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	8.3350e-003
tblVehicleEF	LHD2	2.7160e-003	5.2600e-004
tblVehicleEF	LHD2	0.01	2.3400e-004

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tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.05	3.1250e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	1.7850e-003
tblVehicleEF	LHD2	6.8000e-005	7.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.06	4.5590e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9240e-003	2.6660e-003
tblVehicleEF	LHD2	3.0520e-003	3.3970e-003
tblVehicleEF	LHD2	7.1660e-003	9.4730e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.48	0.82
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.66	432.69
tblVehicleEF	LHD2	6.85	7.57
tblVehicleEF	LHD2	1.8790e-003	1.9420e-003
tblVehicleEF	LHD2	0.06	0.07

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tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.23	1.00
tblVehicleEF	LHD2	0.16	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.06	0.08

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tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9160e-003	2.6580e-003
tblVehicleEF	LHD2	3.0280e-003	3.3970e-003
tblVehicleEF	LHD2	7.4680e-003	9.7800e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.51	0.86
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	432.69
tblVehicleEF	LHD2	6.89	7.63
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.29	1.04
tblVehicleEF	LHD2	0.17	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01

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tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	MCY	0.32	0.59
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	18.66	0.59
tblVehicleEF	MCY	8.60	7.75
tblVehicleEF	MCY	208.37	0.59
tblVehicleEF	MCY	59.78	48.61
tblVehicleEF	MCY	0.06	0.59
tblVehicleEF	MCY	0.01	8.0720e-003
tblVehicleEF	MCY	1.12	0.59
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.59
tblVehicleEF	MCY	4.0000e-003	0.59
tblVehicleEF	MCY	1.8970e-003	0.59
tblVehicleEF	MCY	2.7140e-003	3.1780e-003

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tblVehicleEF	MCY	5.0400e-003	0.59
tblVehicleEF	MCY	1.0000e-003	0.59
tblVehicleEF	MCY	1.7720e-003	0.59
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.13	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.80	1.30
tblVehicleEF	MCY	2.0620e-003	0.59
tblVehicleEF	MCY	5.9200e-004	4.8100e-004
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.64	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.96	1.41
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.21	0.16
tblVehicleEF	MCY	19.32	0.51
tblVehicleEF	MCY	8.01	6.99
tblVehicleEF	MCY	209.35	0.51
tblVehicleEF	MCY	58.19	46.86
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	7.9140e-003
tblVehicleEF	MCY	0.97	0.51
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.51

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tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8970e-003	0.51
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7720e-003	0.51
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.11	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.61	1.14
tblVehicleEF	MCY	2.0720e-003	0.51
tblVehicleEF	MCY	5.7600e-004	4.6300e-004
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.62	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.75	1.24
tblVehicleEF	MCY	0.32	0.57
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.23	0.57
tblVehicleEF	MCY	8.56	7.58
tblVehicleEF	MCY	207.67	0.57
tblVehicleEF	MCY	59.73	48.24
tblVehicleEF	MCY	0.06	0.57
tblVehicleEF	MCY	0.02	8.0650e-003

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tblVehicleEF	MCY	1.11	0.57
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8970e-003	0.57
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.7720e-003	0.57
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.12	0.57
tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.81	1.27
tblVehicleEF	MCY	2.0550e-003	0.57
tblVehicleEF	MCY	5.9100e-004	4.7700e-004
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.63	0.57
tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.97	1.38
tblVehicleEF	MDV	3.8660e-003	4.3470e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.88	1.08
tblVehicleEF	MDV	2.79	3.80
tblVehicleEF	MDV	380.99	428.27

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tblVehicleEF	MDV	79.79	106.32
tblVehicleEF	MDV	7.9960e-003	9.3090e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.44
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.34	0.51
tblVehicleEF	MDV	3.7660e-003	4.2310e-003
tblVehicleEF	MDV	7.9000e-004	1.0510e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.37	0.55
tblVehicleEF	MDV	4.4030e-003	4.6160e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	1.07	1.44
tblVehicleEF	MDV	2.46	3.17

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tblVehicleEF	MDV	403.42	452.81
tblVehicleEF	MDV	79.12	105.07
tblVehicleEF	MDV	7.6790e-003	8.3980e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.43
tblVehicleEF	MDV	3.9880e-003	4.4740e-003
tblVehicleEF	MDV	7.8300e-004	1.0390e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.32	0.48
tblVehicleEF	MDV	3.7110e-003	4.3170e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.82	1.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	2.85	3.78
tblVehicleEF	MDV	374.20	424.12
tblVehicleEF	MDV	79.93	106.27
tblVehicleEF	MDV	7.8110e-003	9.0770e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.43
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.35	0.51
tblVehicleEF	MDV	3.6990e-003	4.1900e-003
tblVehicleEF	MDV	7.9100e-004	1.0510e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.38	0.55
tblVehicleEF	MH	7.6030e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03

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tblVehicleEF	MH	0.90	2.4140e-003
tblVehicleEF	MH	1.85	2.20
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.37	21.75
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.49	1.48
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.9100e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.2000e-005
tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	5.3110e-003
tblVehicleEF	MH	0.02	2.0780e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.7620e-003	5.1000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.93	2.5770e-003
tblVehicleEF	MH	1.72	2.05
tblVehicleEF	MH	1,405.75	5.1850e-003
tblVehicleEF	MH	17.17	21.48
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.38
tblVehicleEF	MH	0.22	0.28
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.5200e-004
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5000e-005
tblVehicleEF	MH	1.7000e-004	2.1200e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56

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tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.07	5.9380e-003
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.5890e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4820e-003
tblVehicleEF	MH	1.86	2.19
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.40	21.73
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.47	1.46
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.7900e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.3000e-005

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tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.06	5.3200e-003
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	3.2360e-003	0.02
tblVehicleEF	MHD	1.1890e-003	6.8060e-003
tblVehicleEF	MHD	8.2020e-003	6.2760e-003
tblVehicleEF	MHD	0.35	0.67
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.92	0.73
tblVehicleEF	MHD	67.57	168.63
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.28	6.30
tblVehicleEF	MHD	9.7850e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4480e-003	4.4130e-003
tblVehicleEF	MHD	0.38	0.91
tblVehicleEF	MHD	0.90	0.83
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.6800e-004	1.7580e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.5200e-004	1.6810e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01

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tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4100e-004	1.5540e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.0810e-003	0.02
tblVehicleEF	MHD	1.2070e-003	6.8270e-003
tblVehicleEF	MHD	7.9360e-003	6.0320e-003
tblVehicleEF	MHD	0.31	0.62
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.88	0.69
tblVehicleEF	MHD	67.48	167.39
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.21	6.23
tblVehicleEF	MHD	9.7380e-003	0.03
tblVehicleEF	MHD	0.12	0.16

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tblVehicleEF	MHD	6.3770e-003	4.3320e-003
tblVehicleEF	MHD	0.38	0.88
tblVehicleEF	MHD	0.85	0.78
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.1300e-004	1.4930e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.0000e-004	1.4270e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4000e-004	1.5420e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.1000e-005	6.2000e-005
tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04

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tblVehicleEF	MHD	3.4620e-003	0.02
tblVehicleEF	MHD	1.1760e-003	6.8070e-003
tblVehicleEF	MHD	8.2760e-003	6.2200e-003
tblVehicleEF	MHD	0.42	0.73
tblVehicleEF	MHD	0.15	0.18
tblVehicleEF	MHD	0.93	0.73
tblVehicleEF	MHD	67.69	170.35
tblVehicleEF	MHD	926.25	1,118.29
tblVehicleEF	MHD	8.31	6.29
tblVehicleEF	MHD	9.8540e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4910e-003	4.3870e-003
tblVehicleEF	MHD	0.40	0.95
tblVehicleEF	MHD	0.89	0.81
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	4.4400e-004	2.1240e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	4.2500e-004	2.0310e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4200e-004	1.5700e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	OBUS	8.5080e-003	0.02
tblVehicleEF	OBUS	4.2530e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.37	2.75
tblVehicleEF	OBUS	68.87	66.98
tblVehicleEF	OBUS	1,309.02	1,397.61
tblVehicleEF	OBUS	19.83	22.88
tblVehicleEF	OBUS	8.7920e-003	8.7370e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.25
tblVehicleEF	OBUS	0.82	1.09
tblVehicleEF	OBUS	0.75	0.68
tblVehicleEF	OBUS	8.4000e-005	4.8500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	8.0000e-005	4.6400e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5700e-004	6.0100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9600e-004	2.2600e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.09
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	8.5790e-003	0.02
tblVehicleEF	OBUS	4.3450e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.53	0.80
tblVehicleEF	OBUS	2.22	2.56
tblVehicleEF	OBUS	68.13	66.50

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	1,309.04	1,397.64
tblVehicleEF	OBUS	19.57	22.55
tblVehicleEF	OBUS	8.6810e-003	8.6660e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.24
tblVehicleEF	OBUS	0.76	1.02
tblVehicleEF	OBUS	0.74	0.66
tblVehicleEF	OBUS	7.4000e-005	4.1500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	7.1000e-005	3.9600e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5000e-004	5.9700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9400e-004	2.2300e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.4380e-003	0.02
tblVehicleEF	OBUS	4.2250e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.51	0.49
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.40	2.75
tblVehicleEF	OBUS	69.89	67.64
tblVehicleEF	OBUS	1,309.01	1,397.62
tblVehicleEF	OBUS	19.87	22.86
tblVehicleEF	OBUS	8.9530e-003	8.8430e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.81	1.07
tblVehicleEF	OBUS	0.75	0.67
tblVehicleEF	OBUS	9.7000e-005	5.8300e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	9.2000e-005	5.5700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.6700e-004	6.0800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9700e-004	2.2600e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9240e-003	1.35
tblVehicleEF	SBUS	7.2340e-003	7.6310e-003
tblVehicleEF	SBUS	3.17	3.01
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.94	1.01
tblVehicleEF	SBUS	360.62	270.86
tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.13	6.31
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.1380e-003	6.9780e-003
tblVehicleEF	SBUS	3.27	1.26
tblVehicleEF	SBUS	4.25	2.61

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.1780e-003	1.5420e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.0400e-003	1.4610e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4450e-003	1.4550e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.2000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.08	0.50

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	5.9920e-003	1.35
tblVehicleEF	SBUS	6.0650e-003	6.3630e-003
tblVehicleEF	SBUS	3.13	2.99
tblVehicleEF	SBUS	0.49	5.27
tblVehicleEF	SBUS	0.68	0.72
tblVehicleEF	SBUS	369.09	274.36
tblVehicleEF	SBUS	1,081.75	1,236.71
tblVehicleEF	SBUS	5.70	5.84
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.16
tblVehicleEF	SBUS	6.9050e-003	6.7170e-003
tblVehicleEF	SBUS	3.34	1.30
tblVehicleEF	SBUS	4.00	2.45
tblVehicleEF	SBUS	0.86	0.16
tblVehicleEF	SBUS	2.6870e-003	1.3600e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	2.5700e-003	1.2870e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.09	0.09

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.5250e-003	1.4880e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	5.6000e-005	5.8000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9160e-003	1.35
tblVehicleEF	SBUS	7.4960e-003	7.7660e-003
tblVehicleEF	SBUS	3.22	3.02
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.98	1.03
tblVehicleEF	SBUS	348.92	266.04
tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.21	6.35
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.2380e-003	7.0390e-003
tblVehicleEF	SBUS	3.17	1.22
tblVehicleEF	SBUS	4.22	2.57
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.8560e-003	1.7920e-003
tblVehicleEF	SBUS	0.74	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.6900e-003	1.7010e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.05
tblVehicleEF	SBUS	3.3350e-003	1.4100e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.3000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.46	2.70

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.32	27.39
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7100e-004
tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleEF	UBUS	3.36	0.94

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.24	2.29
tblVehicleEF	UBUS	1,592.06	1,797.26
tblVehicleEF	UBUS	16.95	26.70
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.47
tblVehicleEF	UBUS	0.16	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.13
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.6800e-004	2.6400e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	3.43	0.96

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.45	2.68
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.30	27.35
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7000e-004
tblVehicleEF	UBUS	1.2300e-003	0.08

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TTP	19.00	100.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	1.74	0.23
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	1.74	0.23

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	1.74	0.23

2.0 Emissions Summary

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2023	0.8511	6.3670	8.4522	0.0395	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,703.4129	3,703.4129	0.1421	0.3419	3,808.8619
2024	13.2387	5.3550	11.1043	0.0426	3.4784	0.1162	3.5946	0.9369	0.1092	1.0462	0.0000	3,954.7775	3,954.7775	0.1427	0.2782	4,041.2574
Maximum	13.2387	6.3670	11.1043	0.0426	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,954.7775	3,954.7775	0.1427	0.3419	4,041.2574

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					
2023	0.8511	6.3670	8.4522	0.0395	2.7058	0.1366	2.8424	0.7360	0.1281	0.8641	0.0000	3,703.4126	3,703.4126	0.1421	0.3419	3,808.8616
2024	13.2387	5.3550	11.1043	0.0426	3.2152	0.1162	3.3314	0.8723	0.1092	0.9816	0.0000	3,954.7772	3,954.7772	0.1427	0.2782	4,041.2570
Maximum	13.2387	6.3670	11.1043	0.0426	3.2152	0.1366	3.3314	0.8723	0.1281	0.9816	0.0000	3,954.7772	3,954.7772	0.1427	0.3419	4,041.2570

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	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	14.96	0.00	14.44	14.38	0.00	12.77	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2023	6-30-2023	2.5689	2.5689
2	7-1-2023	9-30-2023	2.3413	2.3413
3	10-1-2023	12-31-2023	2.2575	2.2575
4	1-1-2024	3-31-2024	2.1570	2.1570
5	4-1-2024	6-30-2024	7.1638	7.1638
6	7-1-2024	9-30-2024	9.2399	9.2399
		Highest	9.2399	9.2399

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	10.5375	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,503.9899	1,503.9899	0.1088	0.0176	1,511.9666
Mobile	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	186.7798	1,478.4814	1,665.2612	19.3089	0.4681	2,287.4775
Total	10.7206	9.8446	2.6139	0.0887	2.4884	0.1622	2.6506	0.6575	0.1560	0.8136	675.4764	11,454.8393	12,130.3158	48.4246	1.7618	13,865.9517

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	10.5375	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,503.9899	1,503.9899	0.1088	0.0176	1,511.9666
Mobile	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	149.4238	1,199.3199	1,348.7437	15.4485	0.3747	1,846.6021
Total	10.7206	9.8446	2.6139	0.0887	2.4884	0.1622	2.6506	0.6575	0.1560	0.8136	638.1205	11,175.6779	11,813.7984	44.5642	1.6684	13,425.0763

	ROG	NOx	CO	SO2	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	5.53	2.44	2.61	7.97	5.30	3.18

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2023	4/21/2023	5	15	
2	Site Preparation	Site Preparation	4/22/2023	5/19/2023	5	20	
3	Grading	Grading	5/20/2023	7/7/2023	5	35	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	7/8/2023	8/30/2024	5	300
5	Architectural Coating	Architectural Coating	5/1/2024	9/30/2024	5	109
6	Paving	Paving	6/1/2024	9/30/2024	5	86

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 105

Acres of Paving: 41.69

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,836,198; Non-Residential Outdoor: 1,278,733; Striped Parking Area: 108,958 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5,167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	28,677.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,675.00	1,046.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	535.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5625	0.0000	0.5625	0.0852	0.0000	0.0852	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726
Total	0.0170	0.1611	0.1473	2.9000e-004	0.5625	7.4800e-003	0.5700	0.0852	6.9600e-003	0.0921	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0446	3.1200e-003	0.0477	0.0122	2.9800e-003	0.0152	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0458	3.1300e-003	0.0489	0.0126	2.9900e-003	0.0156	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2084	0.0000	0.2084	0.0316	0.0000	0.0316	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725
Total	0.0170	0.1611	0.1473	2.9000e-004	0.2084	7.4800e-003	0.2159	0.0316	6.9600e-003	0.0385	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0416	3.1200e-003	0.0447	0.0115	2.9800e-003	0.0145	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.1400e-003	1.0000e-005	1.1500e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0427	3.1300e-003	0.0458	0.0118	2.9900e-003	0.0148	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1966	0.0127	0.2092	0.1010	0.0117	0.1127	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0728	0.0000	0.0728	0.0374	0.0000	0.0374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211
Total	0.0266	0.2752	0.1824	3.8000e-004	0.0728	0.0127	0.0855	0.0374	0.0117	0.0491	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					0.1756	0.0000	0.1756	0.0661	0.0000	0.0661	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1756	0.0249	0.2005	0.0661	0.0229	0.0891	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2473	0.0173	0.2646	0.0679	0.0165	0.0845	0.0000	763.7857	763.7857	0.0108	0.1204	799.9207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0400e-003	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5115	0.4082	7.9100e-003	0.2512	0.0173	0.2685	0.0689	0.0166	0.0855	0.0000	766.7112	766.7112	0.0109	0.1204	802.8711

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0651	0.0000	0.0651	0.0245	0.0000	0.0245	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082
Total	0.0581	0.6040	0.4909	1.0900e-003	0.0651	0.0249	0.0900	0.0245	0.0229	0.0474	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2306	0.0173	0.2479	0.0638	0.0165	0.0803	0.0000	763.7857	763.7857	0.0108	0.1204	799.9207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.5500e-003	2.0000e-005	3.5700e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5115	0.4082	7.9100e-003	0.2341	0.0173	0.2514	0.0648	0.0166	0.0813	0.0000	766.7112	766.7112	0.0109	0.1204	802.8711

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396
Total	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.4130	0.0186	0.4316	0.1192	0.0178	0.1370	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.8376	8.7400e-003	1.8463	0.4880	8.0500e-003	0.4960	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.2506	0.0274	2.2780	0.6071	0.0259	0.6330	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394
Total	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.3867	0.0186	0.4053	0.1127	0.0178	0.1305	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.6942	8.7400e-003	1.7029	0.4528	8.0500e-003	0.4608	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.0809	0.0274	2.1082	0.5655	0.0259	0.5913	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673
Total	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5782	0.0259	0.6041	0.1668	0.0248	0.1916	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.5727	0.0117	2.5843	0.6831	0.0107	0.6939	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	3.1509	0.0376	3.1884	0.8500	0.0355	0.8855	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670
Total	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5414	0.0259	0.5673	0.1578	0.0248	0.1826	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.3719	0.0117	2.3835	0.6339	0.0107	0.6446	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	2.9132	0.0376	2.9508	0.7916	0.0355	0.8272	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	12.1064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8500e-003	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	12.1162	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.1064					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8500e-003	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	12.1162	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0425	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0971	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0425	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0971	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653
Unmitigated	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	583.78	583.78	583.78	7,054,831	7,054,831
Total	583.78	583.78	583.78	7,054,831	7,054,831

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	16.60	8.40	6.90	0.00	0.00	100.00	100	0	0
General Office Building	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
Unrefrigerated Warehouse-No	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.194534	0.226688	0.578778	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,225.8841	1,225.8841	0.1035	0.0125	1,232.2083
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,225.8841	1,225.8841	0.1035	0.0125	1,232.2083
Natural Gas Mitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584
Natural Gas Unmitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	459500	81.4903	6.8800e-003	8.3000e-004	81.9107
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.81732e+006	1,031.6756	0.0871	0.0106	1,036.9978
Total		1,225.8841	0.1035	0.0125	1,232.2083

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	459500	81.4903	6.8800e-003	8.3000e-004	81.9107
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.81732e+006	1,031.6756	0.0871	0.0106	1,036.9978
Total		1,225.8841	0.1035	0.0125	1,232.2083

6.0 Area Detail

6.1 Mitigation Measures Area

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.5375	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Unmitigated	10.5375	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-003	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Total	10.5375	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-003	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Total	10.5375	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,348.7437	15.4485	0.3747	1,846.6021
Unmitigated	1,665.2612	19.3089	0.4681	2,287.4775

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 54.9273	108.2237	9.1300e-003	1.1100e-003	108.7820
General Office Building	8.88669 / 5.44668	34.0723	0.2922	7.1600e-003	43.5104
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	579.852 / 0	1,522.9652	19.0075	0.4598	2,135.1851
Total		1,665.2611	19.3089	0.4681	2,287.4775

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 51.5767	101.6221	8.5800e-003	1.0400e-003	102.1463
General Office Building	7.10935 / 5.11443	28.7495	0.2339	5.7400e-003	36.3077
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	463.882 / 0	1,218.3721	15.2060	0.3679	1,708.1481
Total		1,348.7437	15.4485	0.3747	1,846.6021

8.0 Waste Detail

8.1 Mitigation Measures Waste

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	488.6967	28.8812	0.0000	1,210.7254
Unmitigated	488.6967	28.8812	0.0000	1,210.7254

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

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
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Boilers

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

Summit Station - Phase 1 Trucks (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

11.0 Vegetation

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - Phase 1 Cars (mitigated)

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Unrefrigerated Warehouse-No Rail	2,507.47	1000sqft	57.56	2,507,465.00	0
Parking Lot	1,815.96	1000sqft	41.69	1,815,959.00	0
City Park	46.10	Acre	46.10	2,008,116.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting

Land Use - Phase 1: office 50.ksf, warehouse 2507.465 ksf, landscape shown as city park 46.1 ac, parking includes stalls,drive aisles, circulation 1815.959 ksf

Construction Phase - anticipated construction schedule

Demolition - 52251 tons of debris

Grading - export 229,412 cubic yards

Architectural Coating - mitigation requires "super compliant" low VOC paint 10g/L for non residential and parking

Vehicle Trips - Per Traffic Study, total Phase 1 passenger cars 3,033 trips / 50 ksf = 60.66

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products - Updated based on growth adjusted statewide building area for 2017 and CARB 2017 statewide ROG emissions (latest available)

Area Coating - mitigation requires low VOC 10g/L

Water And Wastewater - Water consumption per WSA. Phase 1 = 34 AFY indoor, 65 AFY outdoor. Total phase 1 water use combined under warehouse

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, Mitigation requires Tier 4 Final equipment

Mobile Commute Mitigation - mitigation requires TDM program

Area Mitigation - Mitigation requires "super compliant" low VOC paint 10mg/L, electric landscape equipment

Energy Mitigation - Mitigation requires CalGreen Tier 2

Water Mitigation - building code requires low flow fixtuers and water efficient irrigation

Waste Mitigation - Mitigation requires 75% of waste be diverted from landfill

Operational Off-Road Equipment -

Fleet Mix - Passenger car run

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblArchitecturalCoating	EF_Parking	100.00	10.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	15.00
tblConstructionPhase	NumDays	120.00	20.00
tblConstructionPhase	NumDays	310.00	35.00
tblConstructionPhase	NumDays	3,100.00	300.00

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	NumDays	220.00	109.00
tblConstructionPhase	NumDays	220.00	86.00
tblConsumerProducts	ROG_EF	1.98E-05	1.97E-05
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	1.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	1.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.19
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00

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tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblGrading	MaterialExported	0.00	229,412.00
tblLandUse	LandUseSquareFeet	2,507,470.00	2,507,465.00
tblLandUse	LandUseSquareFeet	1,815,960.00	1,815,959.00
tblRoadDust	RoadSiltLoading	0.1	0.08
tblTripsAndVMT	HaulingTripNumber	28,677.00	28,676.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.38	5.07
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4500e-003	3.0230e-003
tblVehicleEF	HHD	1,353.52	809.41
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006

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tblVehicleEF	HHD	6.79	4.05
tblVehicleEF	HHD	1.93	1.56
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.6990e-003	1.9780e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.5820e-003	1.8880e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.3710e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.65	0.48
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00

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tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.27	5.01
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.3220e-003	2.8530e-003
tblVehicleEF	HHD	1,336.26	800.04
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.46	3.86
tblVehicleEF	HHD	1.82	1.48
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.3850e-003	1.7490e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.2820e-003	1.6690e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.60	0.35
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01

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tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.2820e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.68	0.50
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.53	5.17
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4460e-003	2.9900e-003
tblVehicleEF	HHD	1,377.36	822.36
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	7.25	4.31
tblVehicleEF	HHD	1.91	1.54
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	3.1320e-003	2.2950e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03

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tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.9960e-003	2.1910e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.52	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.4940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.59	0.45
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	1.7230e-003	2.1410e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.70
tblVehicleEF	LDA	1.93	2.71
tblVehicleEF	LDA	242.29	267.95
tblVehicleEF	LDA	49.91	66.37
tblVehicleEF	LDA	3.9210e-003	4.2760e-003

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tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.2520e-003	7.9000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.28
tblVehicleEF	LDA	2.3970e-003	2.6490e-003
tblVehicleEF	LDA	4.9400e-004	6.5600e-004
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.0910e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDA	1.9630e-003	2.2740e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.67	0.93
tblVehicleEF	LDA	1.71	2.27
tblVehicleEF	LDA	263.37	290.19
tblVehicleEF	LDA	49.48	65.54

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tblVehicleEF	LDA	3.7370e-003	3.8070e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	7.0570e-003	8.2850e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.24
tblVehicleEF	LDA	2.6050e-003	2.8690e-003
tblVehicleEF	LDA	4.9000e-004	6.4800e-004
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	1.6620e-003	2.1270e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.51	0.66
tblVehicleEF	LDA	1.97	2.69
tblVehicleEF	LDA	236.51	264.19

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tblVehicleEF	LDA	49.99	66.33
tblVehicleEF	LDA	3.8050e-003	4.1560e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0400e-003	7.8460e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.18	0.28
tblVehicleEF	LDA	2.3400e-003	2.6120e-003
tblVehicleEF	LDA	4.9500e-004	6.5600e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7820e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDT1	5.2640e-003	9.3980e-003
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	1.15	1.99
tblVehicleEF	LDT1	2.16	6.19

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tblVehicleEF	LDT1	290.48	340.93
tblVehicleEF	LDT1	60.86	89.72
tblVehicleEF	LDT1	7.4300e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8740e-003	3.3700e-003
tblVehicleEF	LDT1	6.0200e-004	8.8700e-004
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.35	0.73
tblVehicleEF	LDT1	5.9510e-003	9.9510e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	1.40	2.64

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tblVehicleEF	LDT1	1.91	5.13
tblVehicleEF	LDT1	312.92	367.05
tblVehicleEF	LDT1	60.33	87.72
tblVehicleEF	LDT1	7.0650e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.23	0.43
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.28	0.57
tblVehicleEF	LDT1	3.0970e-003	3.6290e-003
tblVehicleEF	LDT1	5.9700e-004	8.6700e-004
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.30	0.62
tblVehicleEF	LDT1	5.0610e-003	9.3330e-003
tblVehicleEF	LDT1	0.07	0.13

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tblVehicleEF	LDT1	1.08	1.87
tblVehicleEF	LDT1	2.21	6.15
tblVehicleEF	LDT1	283.64	336.51
tblVehicleEF	LDT1	60.97	89.65
tblVehicleEF	LDT1	7.2420e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8070e-003	3.3270e-003
tblVehicleEF	LDT1	6.0300e-004	8.8600e-004
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.36	0.73
tblVehicleEF	LDT2	3.0680e-003	2.9350e-003

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tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.78	0.86
tblVehicleEF	LDT2	2.46	3.35
tblVehicleEF	LDT2	303.53	346.12
tblVehicleEF	LDT2	63.90	86.39
tblVehicleEF	LDT2	5.7090e-003	6.0370e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	3.0030e-003	3.4210e-003
tblVehicleEF	LDT2	6.3200e-004	8.5400e-004
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.28	0.39

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tblVehicleEF	LDT2	3.4890e-003	3.1160e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.96	1.15
tblVehicleEF	LDT2	2.18	2.80
tblVehicleEF	LDT2	324.77	369.66
tblVehicleEF	LDT2	63.35	85.34
tblVehicleEF	LDT2	5.4560e-003	5.3860e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.22	0.29
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.22	0.30
tblVehicleEF	LDT2	3.2130e-003	3.6540e-003
tblVehicleEF	LDT2	6.2700e-004	8.4400e-004
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT2	0.25	0.33
tblVehicleEF	LDT2	2.9430e-003	2.9160e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.81
tblVehicleEF	LDT2	2.52	3.33
tblVehicleEF	LDT2	297.05	342.15
tblVehicleEF	LDT2	64.02	86.35
tblVehicleEF	LDT2	5.5610e-003	5.8710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	2.9390e-003	3.3820e-003
tblVehicleEF	LDT2	6.3400e-004	8.5400e-004
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02

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tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.29	0.39
tblVehicleEF	LHD1	4.5140e-003	4.7350e-003
tblVehicleEF	LHD1	3.9530e-003	2.4440e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.52
tblVehicleEF	LHD1	0.87	1.70
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	333.42
tblVehicleEF	LHD1	10.02	14.83
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	5.1450e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.18	0.09
tblVehicleEF	LHD1	0.27	0.38
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	4.3290e-003
tblVehicleEF	LHD1	9.2860e-003	6.0600e-004
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.0820e-003
tblVehicleEF	LHD1	8.8650e-003	5.5700e-004
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03

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tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	3.2960e-003
tblVehicleEF	LHD1	9.9000e-005	1.4700e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5250e-003	4.7520e-003
tblVehicleEF	LHD1	4.0100e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.54	0.17
tblVehicleEF	LHD1	0.83	1.61
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.08	224.47
tblVehicleEF	LHD1	9.95	14.68
tblVehicleEF	LHD1	8.8400e-004	8.2400e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.11	0.83

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tblVehicleEF	LHD1	0.27	0.36
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.8000e-005	1.4500e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5130e-003	4.7380e-003

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tblVehicleEF	LHD1	3.9460e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.17
tblVehicleEF	LHD1	0.88	1.68
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	224.47
tblVehicleEF	LHD1	10.02	14.80
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.16	0.86
tblVehicleEF	LHD1	0.27	0.37
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.05	0.05

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tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.9000e-005	1.4600e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD2	2.9170e-003	2.6560e-003
tblVehicleEF	LHD2	3.0330e-003	7.0200e-004
tblVehicleEF	LHD2	7.4140e-003	9.8440e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.18
tblVehicleEF	LHD2	0.50	0.87
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	180.57
tblVehicleEF	LHD2	6.89	7.65
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	2.3060e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.31	0.04
tblVehicleEF	LHD2	0.17	0.20
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.02

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tblVehicleEF	LHD2	0.01	2.1050e-003
tblVehicleEF	LHD2	0.01	2.5500e-004
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	8.3350e-003
tblVehicleEF	LHD2	2.7160e-003	5.2600e-004
tblVehicleEF	LHD2	0.01	2.3400e-004
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.05	3.1250e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	1.7850e-003
tblVehicleEF	LHD2	6.8000e-005	7.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.06	4.5590e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9240e-003	2.6660e-003
tblVehicleEF	LHD2	3.0520e-003	3.3970e-003
tblVehicleEF	LHD2	7.1660e-003	9.4730e-003
tblVehicleEF	LHD2	0.13	0.13

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tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.48	0.82
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.66	432.69
tblVehicleEF	LHD2	6.85	7.57
tblVehicleEF	LHD2	1.8790e-003	1.9420e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.23	1.00
tblVehicleEF	LHD2	0.16	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004

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tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9160e-003	2.6580e-003
tblVehicleEF	LHD2	3.0280e-003	3.3970e-003
tblVehicleEF	LHD2	7.4680e-003	9.7800e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.51	0.86
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	432.69
tblVehicleEF	LHD2	6.89	7.63
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.29	1.04
tblVehicleEF	LHD2	0.17	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005

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tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	MCY	0.32	0.59
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	18.66	0.59
tblVehicleEF	MCY	8.60	7.75
tblVehicleEF	MCY	208.37	0.59
tblVehicleEF	MCY	59.78	48.61
tblVehicleEF	MCY	0.06	0.59

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tblVehicleEF	MCY	0.01	8.0720e-003
tblVehicleEF	MCY	1.12	0.59
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.59
tblVehicleEF	MCY	4.0000e-003	0.59
tblVehicleEF	MCY	1.8970e-003	0.59
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.59
tblVehicleEF	MCY	1.0000e-003	0.59
tblVehicleEF	MCY	1.7720e-003	0.59
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.13	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.80	1.30
tblVehicleEF	MCY	2.0620e-003	0.59
tblVehicleEF	MCY	5.9200e-004	4.8100e-004
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.64	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.96	1.41
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.21	0.16
tblVehicleEF	MCY	19.32	0.51
tblVehicleEF	MCY	8.01	6.99

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tblVehicleEF	MCY	209.35	0.51
tblVehicleEF	MCY	58.19	46.86
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	7.9140e-003
tblVehicleEF	MCY	0.97	0.51
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.51
tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8970e-003	0.51
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7720e-003	0.51
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.11	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.61	1.14
tblVehicleEF	MCY	2.0720e-003	0.51
tblVehicleEF	MCY	5.7600e-004	4.6300e-004
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.62	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.75	1.24
tblVehicleEF	MCY	0.32	0.57

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.23	0.57
tblVehicleEF	MCY	8.56	7.58
tblVehicleEF	MCY	207.67	0.57
tblVehicleEF	MCY	59.73	48.24
tblVehicleEF	MCY	0.06	0.57
tblVehicleEF	MCY	0.02	8.0650e-003
tblVehicleEF	MCY	1.11	0.57
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8970e-003	0.57
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.7720e-003	0.57
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.12	0.57
tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.81	1.27
tblVehicleEF	MCY	2.0550e-003	0.57
tblVehicleEF	MCY	5.9100e-004	4.7700e-004
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.63	0.57

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tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.97	1.38
tblVehicleEF	MDV	3.8660e-003	4.3470e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.88	1.08
tblVehicleEF	MDV	2.79	3.80
tblVehicleEF	MDV	380.99	428.27
tblVehicleEF	MDV	79.79	106.32
tblVehicleEF	MDV	7.9960e-003	9.3090e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.44
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.34	0.51
tblVehicleEF	MDV	3.7660e-003	4.2310e-003
tblVehicleEF	MDV	7.9000e-004	1.0510e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00

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tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.37	0.55
tblVehicleEF	MDV	4.4030e-003	4.6160e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	1.07	1.44
tblVehicleEF	MDV	2.46	3.17
tblVehicleEF	MDV	403.42	452.81
tblVehicleEF	MDV	79.12	105.07
tblVehicleEF	MDV	7.6790e-003	8.3980e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.43
tblVehicleEF	MDV	3.9880e-003	4.4740e-003
tblVehicleEF	MDV	7.8300e-004	1.0390e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.32	0.48
tblVehicleEF	MDV	3.7110e-003	4.3170e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.82	1.02
tblVehicleEF	MDV	2.85	3.78
tblVehicleEF	MDV	374.20	424.12
tblVehicleEF	MDV	79.93	106.27
tblVehicleEF	MDV	7.8110e-003	9.0770e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.43
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.35	0.51
tblVehicleEF	MDV	3.6990e-003	4.1900e-003
tblVehicleEF	MDV	7.9100e-004	1.0510e-003
tblVehicleEF	MDV	0.09	0.45

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.38	0.55
tblVehicleEF	MH	7.6030e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4140e-003
tblVehicleEF	MH	1.85	2.20
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.37	21.75
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.49	1.48
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.9100e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.10

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.01	4.2000e-005
tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	5.3110e-003
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.7620e-003	5.1000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.93	2.5770e-003
tblVehicleEF	MH	1.72	2.05
tblVehicleEF	MH	1,405.75	5.1850e-003
tblVehicleEF	MH	17.17	21.48
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.38
tblVehicleEF	MH	0.22	0.28
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.5200e-004
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00

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tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5000e-005
tblVehicleEF	MH	1.7000e-004	2.1200e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.07	5.9380e-003
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.5890e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4820e-003
tblVehicleEF	MH	1.86	2.19
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.40	21.73
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.47	1.46
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.7900e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.3000e-005
tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.06	5.3200e-003
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	3.2360e-003	0.02
tblVehicleEF	MHD	1.1890e-003	6.8060e-003
tblVehicleEF	MHD	8.2020e-003	6.2760e-003
tblVehicleEF	MHD	0.35	0.67
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.92	0.73
tblVehicleEF	MHD	67.57	168.63
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.28	6.30
tblVehicleEF	MHD	9.7850e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4480e-003	4.4130e-003
tblVehicleEF	MHD	0.38	0.91
tblVehicleEF	MHD	0.90	0.83
tblVehicleEF	MHD	1.74	1.50

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tblVehicleEF	MHD	3.6800e-004	1.7580e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.5200e-004	1.6810e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4100e-004	1.5540e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.0810e-003	0.02
tblVehicleEF	MHD	1.2070e-003	6.8270e-003
tblVehicleEF	MHD	7.9360e-003	6.0320e-003
tblVehicleEF	MHD	0.31	0.62

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.88	0.69
tblVehicleEF	MHD	67.48	167.39
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.21	6.23
tblVehicleEF	MHD	9.7380e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.3770e-003	4.3320e-003
tblVehicleEF	MHD	0.38	0.88
tblVehicleEF	MHD	0.85	0.78
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.1300e-004	1.4930e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.0000e-004	1.4270e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4000e-004	1.5420e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.1000e-005	6.2000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.4620e-003	0.02
tblVehicleEF	MHD	1.1760e-003	6.8070e-003
tblVehicleEF	MHD	8.2760e-003	6.2200e-003
tblVehicleEF	MHD	0.42	0.73
tblVehicleEF	MHD	0.15	0.18
tblVehicleEF	MHD	0.93	0.73
tblVehicleEF	MHD	67.69	170.35
tblVehicleEF	MHD	926.25	1,118.29
tblVehicleEF	MHD	8.31	6.29
tblVehicleEF	MHD	9.8540e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4910e-003	4.3870e-003
tblVehicleEF	MHD	0.40	0.95
tblVehicleEF	MHD	0.89	0.81
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	4.4400e-004	2.1240e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	4.2500e-004	2.0310e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4200e-004	1.5700e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	OBUS	8.5080e-003	0.02
tblVehicleEF	OBUS	4.2530e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.37	2.75
tblVehicleEF	OBUS	68.87	66.98
tblVehicleEF	OBUS	1,309.02	1,397.61
tblVehicleEF	OBUS	19.83	22.88
tblVehicleEF	OBUS	8.7920e-003	8.7370e-003
tblVehicleEF	OBUS	0.09	0.12

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.25
tblVehicleEF	OBUS	0.82	1.09
tblVehicleEF	OBUS	0.75	0.68
tblVehicleEF	OBUS	8.4000e-005	4.8500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	8.0000e-005	4.6400e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5700e-004	6.0100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9600e-004	2.2600e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.09
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	8.5790e-003	0.02
tblVehicleEF	OBUS	4.3450e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.53	0.80
tblVehicleEF	OBUS	2.22	2.56
tblVehicleEF	OBUS	68.13	66.50
tblVehicleEF	OBUS	1,309.04	1,397.64
tblVehicleEF	OBUS	19.57	22.55
tblVehicleEF	OBUS	8.6810e-003	8.6660e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.24
tblVehicleEF	OBUS	0.76	1.02
tblVehicleEF	OBUS	0.74	0.66
tblVehicleEF	OBUS	7.4000e-005	4.1500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	7.1000e-005	3.9600e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5000e-004	5.9700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9400e-004	2.2300e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.4380e-003	0.02
tblVehicleEF	OBUS	4.2250e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.51	0.49
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.40	2.75
tblVehicleEF	OBUS	69.89	67.64
tblVehicleEF	OBUS	1,309.01	1,397.62
tblVehicleEF	OBUS	19.87	22.86
tblVehicleEF	OBUS	8.9530e-003	8.8430e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.81	1.07
tblVehicleEF	OBUS	0.75	0.67
tblVehicleEF	OBUS	9.7000e-005	5.8300e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	9.2000e-005	5.5700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.6700e-004	6.0800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9700e-004	2.2600e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9240e-003	1.35
tblVehicleEF	SBUS	7.2340e-003	7.6310e-003
tblVehicleEF	SBUS	3.17	3.01
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.94	1.01
tblVehicleEF	SBUS	360.62	270.86

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.13	6.31
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.1380e-003	6.9780e-003
tblVehicleEF	SBUS	3.27	1.26
tblVehicleEF	SBUS	4.25	2.61
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.1780e-003	1.5420e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.0400e-003	1.4610e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4450e-003	1.4550e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.2000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9920e-003	1.35
tblVehicleEF	SBUS	6.0650e-003	6.3630e-003
tblVehicleEF	SBUS	3.13	2.99
tblVehicleEF	SBUS	0.49	5.27
tblVehicleEF	SBUS	0.68	0.72
tblVehicleEF	SBUS	369.09	274.36
tblVehicleEF	SBUS	1,081.75	1,236.71
tblVehicleEF	SBUS	5.70	5.84
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.16
tblVehicleEF	SBUS	6.9050e-003	6.7170e-003
tblVehicleEF	SBUS	3.34	1.30
tblVehicleEF	SBUS	4.00	2.45
tblVehicleEF	SBUS	0.86	0.16
tblVehicleEF	SBUS	2.6870e-003	1.3600e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	2.5700e-003	1.2870e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.5250e-003	1.4880e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	5.6000e-005	5.8000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9160e-003	1.35
tblVehicleEF	SBUS	7.4960e-003	7.7660e-003
tblVehicleEF	SBUS	3.22	3.02
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.98	1.03
tblVehicleEF	SBUS	348.92	266.04
tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.21	6.35
tblVehicleEF	SBUS	0.04	0.04

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tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.2380e-003	7.0390e-003
tblVehicleEF	SBUS	3.17	1.22
tblVehicleEF	SBUS	4.22	2.57
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.8560e-003	1.7920e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.6900e-003	1.7010e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.05
tblVehicleEF	SBUS	3.3350e-003	1.4100e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.3000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.4300e-004	0.00

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tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.46	2.70
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.32	27.39
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7100e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.24	2.29
tblVehicleEF	UBUS	1,592.06	1,797.26
tblVehicleEF	UBUS	16.95	26.70
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.47
tblVehicleEF	UBUS	0.16	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.07	0.13
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.6800e-004	2.6400e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.45	2.68
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.30	27.35
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7000e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	100.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	60.66
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	60.66
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	60.66
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	8,886,687.40	0.00
tblWater	IndoorWaterUseRate	579,852,437.50	11,078,948.68
tblWater	OutdoorWaterUseRate	54,927,290.22	0.00
tblWater	OutdoorWaterUseRate	5,446,679.37	0.00
tblWater	OutdoorWaterUseRate	0.00	21,180,343.07

2.0 Emissions Summary

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2023	0.8511	6.3670	8.4522	0.0395	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,703.3863	3,703.3863	0.1421	0.3419	3,808.8341
2024	2.3429	5.3550	11.1043	0.0426	3.4784	0.1162	3.5946	0.9369	0.1092	1.0462	0.0000	3,954.7775	3,954.7775	0.1427	0.2782	4,041.2574
Maximum	2.3429	6.3670	11.1043	0.0426	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,954.7775	3,954.7775	0.1427	0.3419	4,041.2574

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					
2023	0.6930	4.6601	8.6684	0.0395	2.7240	0.0532	2.7772	0.7409	0.0508	0.7917	0.0000	3,703.3859	3,703.3859	0.1421	0.3419	3,808.8337
2024	2.2042	3.9575	11.3335	0.0426	3.2152	0.0445	3.2597	0.8723	0.0423	0.9146	0.0000	3,954.7772	3,954.7772	0.1427	0.2782	4,041.2570
Maximum	2.2042	4.6601	11.3335	0.0426	3.2152	0.0532	3.2597	0.8723	0.0508	0.9146	0.0000	3,954.7772	3,954.7772	0.1427	0.3419	4,041.2570

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.29	26.48	-2.28	0.00	14.70	61.36	16.33	14.12	60.77	19.35	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2023	6-30-2023	2.5689	1.6256
2	7-1-2023	9-30-2023	2.3413	1.8502
3	10-1-2023	12-31-2023	2.2575	1.8174
4	1-1-2024	3-31-2024	2.1570	1.7555
5	4-1-2024	6-30-2024	2.8083	2.2832
6	7-1-2024	9-30-2024	2.6710	2.0648
		Highest	2.8083	2.2832

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	9.4573	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,503.9899	1,503.9899	0.1088	0.0176	1,511.9666
Mobile	0.9864	0.9980	17.3903	0.0543	5.1485	0.0275	5.1760	1.2788	0.0253	1.3041	0.0000	4,977.8809	4,977.8809	0.1090	0.1123	5,014.0720
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	3.5148	67.3155	70.8304	0.3667	9.2100e-003	82.7430
Total	10.4718	1.2540	17.6612	0.0558	5.1485	0.0471	5.1956	1.2788	0.0449	1.3238	492.2115	6,549.2959	7,041.5074	29.4659	0.1392	7,819.6239

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	9.4543	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Energy	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	1,348.1927	1,348.1927	0.1019	0.0153	1,355.2906
Mobile	0.9780	0.9597	16.6451	0.0514	4.8763	0.0262	4.9025	1.2112	0.0241	1.2353	0.0000	4,718.5988	4,718.5988	0.1069	0.1082	4,753.5052
Waste						0.0000	0.0000		0.0000	0.0000	122.1742	0.0000	122.1742	7.2203	0.0000	302.6813
Water						0.0000	0.0000		0.0000	0.0000	2.8119	59.6531	62.4650	0.2938	7.4300e-003	72.0251
Total	10.4507	1.1273	16.8184	0.0524	4.8763	0.0390	4.9153	1.2112	0.0369	1.2481	124.9860	6,126.5038	6,251.4898	7.7231	0.1309	6,483.5643

	ROG	NOx	CO	SO2	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	0.20	10.10	4.77	6.02	5.29	17.30	5.40	5.29	17.89	5.71	74.61	6.46	11.22	73.79	5.96	17.09

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2023	4/21/2023	5	15	
2	Site Preparation	Site Preparation	4/22/2023	5/19/2023	5	20	
3	Grading	Grading	5/20/2023	7/7/2023	5	35	

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	7/8/2023	8/30/2024	5	300
5	Architectural Coating	Architectural Coating	5/1/2024	9/30/2024	5	109
6	Paving	Paving	6/1/2024	9/30/2024	5	86

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 105

Acres of Paving: 41.69

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,836,198; Non-Residential Outdoor: 1,278,733; Striped Parking Area: 108,958 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5,167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	28,676.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,675.00	1,046.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	535.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5625	0.0000	0.5625	0.0852	0.0000	0.0852	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726
Total	0.0170	0.1611	0.1473	2.9000e-004	0.5625	7.4800e-003	0.5700	0.0852	6.9600e-003	0.0921	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0446	3.1200e-003	0.0477	0.0122	2.9800e-003	0.0152	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0458	3.1300e-003	0.0489	0.0126	2.9900e-003	0.0156	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2194	0.0000	0.2194	0.0332	0.0000	0.0332	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4700e-003	0.0150	0.1746	2.9000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725
Total	3.4700e-003	0.0150	0.1746	2.9000e-004	0.2194	4.6000e-004	0.2198	0.0332	4.6000e-004	0.0337	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0416	3.1200e-003	0.0447	0.0115	2.9800e-003	0.0145	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.1400e-003	1.0000e-005	1.1500e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0427	3.1300e-003	0.0458	0.0118	2.9900e-003	0.0148	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1966	0.0127	0.2092	0.1010	0.0117	0.1127	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0767	0.0000	0.0767	0.0394	0.0000	0.0394	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6600e-003	0.0202	0.2087	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211
Total	4.6600e-003	0.0202	0.2087	3.8000e-004	0.0767	6.2000e-004	0.0773	0.0394	6.2000e-004	0.0400	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					0.1756	0.0000	0.1756	0.0661	0.0000	0.0661	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1756	0.0249	0.2005	0.0661	0.0229	0.0891	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2473	0.0173	0.2646	0.0679	0.0165	0.0845	0.0000	763.7591	763.7591	0.0108	0.1204	799.8928
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0400e-003	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5114	0.4082	7.9100e-003	0.2512	0.0173	0.2685	0.0689	0.0166	0.0855	0.0000	766.6845	766.6845	0.0109	0.1204	802.8432

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0685	0.0000	0.0685	0.0258	0.0000	0.0258	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.0578	0.5775	1.0900e-003		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082
Total	0.0133	0.0578	0.5775	1.0900e-003	0.0685	1.7800e-003	0.0703	0.0258	1.7800e-003	0.0276	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2306	0.0173	0.2479	0.0638	0.0165	0.0803	0.0000	763.7591	763.7591	0.0108	0.1204	799.8928
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.5500e-003	2.0000e-005	3.5700e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5114	0.4082	7.9100e-003	0.2341	0.0173	0.2514	0.0648	0.0166	0.0813	0.0000	766.6845	766.6845	0.0109	0.1204	802.8432

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396
Total	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.4130	0.0186	0.4316	0.1192	0.0178	0.1370	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.8376	8.7400e-003	1.8463	0.4880	8.0500e-003	0.4960	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.2506	0.0274	2.2780	0.6071	0.0259	0.6330	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0205	0.1397	1.0913	1.6800e-003		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394
Total	0.0205	0.1397	1.0913	1.6800e-003		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.3867	0.0186	0.4053	0.1127	0.0178	0.1305	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.6942	8.7400e-003	1.7029	0.4528	8.0500e-003	0.4608	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.0809	0.0274	2.1082	0.5655	0.0259	0.5913	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673
Total	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5782	0.0259	0.6041	0.1668	0.0248	0.1916	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.5727	0.0117	2.5843	0.6831	0.0107	0.6939	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	3.1509	0.0376	3.1884	0.8500	0.0355	0.8855	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0287	0.1955	1.5278	2.3600e-003		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670
Total	0.0287	0.1955	1.5278	2.3600e-003		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5414	0.0259	0.5673	0.1578	0.0248	0.1826	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.3719	0.0117	2.3835	0.6339	0.0107	0.6446	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	2.9132	0.0376	2.9508	0.7916	0.0355	0.8272	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8500e-003	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	1.2205	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6200e-003	7.0200e-003	0.0999	1.6000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	1.2123	7.0200e-003	0.0999	1.6000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0425	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0971	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0121	0.0523	0.7437	9.8000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0667	0.0523	0.7437	9.8000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9780	0.9597	16.6451	0.0514	4.8763	0.0262	4.9025	1.2112	0.0241	1.2353	0.0000	4,718.5988	4,718.5988	0.1069	0.1082	4,753.5052
Unmitigated	0.9864	0.9980	17.3903	0.0543	5.1485	0.0275	5.1760	1.2788	0.0253	1.3041	0.0000	4,977.8809	4,977.8809	0.1090	0.1123	5,014.0720

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
General Office Building	3,033.00	3,033.00	3,033.00	18,326,599	17,357,782
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	3,033.00	3,033.00	3,033.00	18,326,599	17,357,782

4.3 Trip Type Information

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	16.60	8.40	6.90	0.00	0.00	100.00	100	0	0
General Office Building	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.194534	0.226688	0.578778	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,166.0190	1,166.0190	0.0984	0.0119	1,172.0343
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,225.8841	1,225.8841	0.1035	0.0125	1,232.2083
Natural Gas Mitigated	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563
Natural Gas Unmitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.30233e+006	0.0178	0.1619	0.1360	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.2250	176.2250	3.3800e-003	3.2300e-003	177.2722
Total		0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	459500	81.4903	6.8800e-003	8.3000e-004	81.9107
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.81732e+006	1,031.6756	0.0871	0.0106	1,036.9978
Total		1,225.8841	0.1035	0.0125	1,232.2083

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	411550	72.9866	6.1600e-003	7.5000e-004	73.3631
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.52771e+006	980.3141	0.0827	0.0100	985.3714
Total		1,166.0190	0.0984	0.0119	1,172.0343

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	9.4543	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Unmitigated	9.4573	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3310					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-003	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Total	9.4573	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3310					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.2100e-003	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Total	9.4543	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	62.4650	0.2938	7.4300e-003	72.0251
Unmitigated	70.8304	0.3667	9.2100e-003	82.7430

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor 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 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	11.0789 / 21.1803	70.8304	0.3667	9.2100e-003	82.7430
Total		70.8304	0.3667	9.2100e-003	82.7430

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor 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 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	8.86316 / 19.8883	62.4650	0.2938	7.4300e-003	72.0251
Total		62.4650	0.2938	7.4300e-003	72.0251

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	122.1742	7.2203	0.0000	302.6813
Unmitigated	488.6967	28.8812	0.0000	1,210.7254

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.99	0.2010	0.0119	0.0000	0.4979
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	589.255	119.6134	7.0690	0.0000	296.3372
Total		122.1742	7.2203	0.0000	302.6813

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
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Boilers

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

Summit Station - Phase 1 Cars (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number
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11.0 Vegetation

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - Phase 1 Trucks (mitigated)

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Unrefrigerated Warehouse-No Rail	2,507.47	1000sqft	57.56	2,507,465.00	0
Parking Lot	1,815.96	1000sqft	41.69	1,815,959.00	0
City Park	46.10	Acre	46.10	2,008,116.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting

Land Use - Phase 1: office 50.ksf, warehouse 2507.465 ksf, landscape shown as city park 46.1 ac, parking includes stalls,drive aisles, circulation 1815.959 ksf

Construction Phase - anticipated construction schedule

Demolition - 52251 tons of debris

Grading - export 229,412 cubic yards

Architectural Coating - mitigation requires "super compliant" low VOC paint 10g/L for non residential and parking

Vehicle Trips - Per Traffic Study, total Phase 1 trucks, 659 trips / 2,507.465 KSF = 0.23281523

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products - Updated based on growth adjusted statewide building area for 2017 and CARB 2017 statewide ROG emissions (latest available)

Area Coating - mitigation requires low VOC 10g/L

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, Mitigation requires Tier 4 Final equipment

Mobile Commute Mitigation - mitigation requires TDM program

Area Mitigation - Mitigation requires "super compliant" low VOC paint 10mg/L, electric landscape equipment

Energy Mitigation - Mitigation requires CalGreen Tier 2

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation - Mitigation requires 75% of waste be diverted from landfill

Operational Off-Road Equipment -

Fleet Mix - TIA Fleet mix, truck run only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblArchitecturalCoating	EF_Parking	100.00	10.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	15.00
tblConstructionPhase	NumDays	120.00	20.00
tblConstructionPhase	NumDays	310.00	35.00
tblConstructionPhase	NumDays	3,100.00	300.00
tblConstructionPhase	NumDays	220.00	109.00

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	NumDays	220.00	86.00
tblConsumerProducts	ROG_EF	1.98E-05	1.968E-05
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	1.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	1.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.19
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblGrading	MaterialExported	0.00	229,412.00
tblLandUse	LandUseSquareFeet	2,507,470.00	2,507,465.00
tblLandUse	LandUseSquareFeet	1,815,960.00	1,815,959.00
tblRoadDust	RoadSiltLoading	0.1	0.08
tblTripsAndVMT	HaulingTripNumber	28,677.00	28,676.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.38	5.07
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4500e-003	3.0230e-003
tblVehicleEF	HHD	1,353.52	809.41
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.79	4.05

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tblVehicleEF	HHD	1.93	1.56
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.6990e-003	1.9780e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.5820e-003	1.8880e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.3710e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.65	0.48
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11

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tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.27	5.01
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.3220e-003	2.8530e-003
tblVehicleEF	HHD	1,336.26	800.04
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.46	3.86
tblVehicleEF	HHD	1.82	1.48
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.3850e-003	1.7490e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.2820e-003	1.6690e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.60	0.35
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.7000e-005

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tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.2820e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.68	0.50
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.53	5.17
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4460e-003	2.9900e-003
tblVehicleEF	HHD	1,377.36	822.36
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	7.25	4.31
tblVehicleEF	HHD	1.91	1.54
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	3.1320e-003	2.2950e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006

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tblVehicleEF	HHD	2.9960e-003	2.1910e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.52	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.4940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.59	0.45
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	1.7230e-003	2.1410e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.70
tblVehicleEF	LDA	1.93	2.71
tblVehicleEF	LDA	242.29	267.95
tblVehicleEF	LDA	49.91	66.37
tblVehicleEF	LDA	3.9210e-003	4.2760e-003
tblVehicleEF	LDA	0.02	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.2520e-003	7.9000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.28
tblVehicleEF	LDA	2.3970e-003	2.6490e-003
tblVehicleEF	LDA	4.9400e-004	6.5600e-004
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.0910e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDA	1.9630e-003	2.2740e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.67	0.93
tblVehicleEF	LDA	1.71	2.27
tblVehicleEF	LDA	263.37	290.19
tblVehicleEF	LDA	49.48	65.54
tblVehicleEF	LDA	3.7370e-003	3.8070e-003

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tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	7.0570e-003	8.2850e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.24
tblVehicleEF	LDA	2.6050e-003	2.8690e-003
tblVehicleEF	LDA	4.9000e-004	6.4800e-004
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	1.6620e-003	2.1270e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.51	0.66
tblVehicleEF	LDA	1.97	2.69
tblVehicleEF	LDA	236.51	264.19
tblVehicleEF	LDA	49.99	66.33

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tblVehicleEF	LDA	3.8050e-003	4.1560e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0400e-003	7.8460e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.18	0.28
tblVehicleEF	LDA	2.3400e-003	2.6120e-003
tblVehicleEF	LDA	4.9500e-004	6.5600e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7820e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDT1	5.2640e-003	9.3980e-003
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	1.15	1.99
tblVehicleEF	LDT1	2.16	6.19
tblVehicleEF	LDT1	290.48	340.93

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT1	60.86	89.72
tblVehicleEF	LDT1	7.4300e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8740e-003	3.3700e-003
tblVehicleEF	LDT1	6.0200e-004	8.8700e-004
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.35	0.73
tblVehicleEF	LDT1	5.9510e-003	9.9510e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	1.40	2.64
tblVehicleEF	LDT1	1.91	5.13

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tblVehicleEF	LDT1	312.92	367.05
tblVehicleEF	LDT1	60.33	87.72
tblVehicleEF	LDT1	7.0650e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.23	0.43
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.28	0.57
tblVehicleEF	LDT1	3.0970e-003	3.6290e-003
tblVehicleEF	LDT1	5.9700e-004	8.6700e-004
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.30	0.62
tblVehicleEF	LDT1	5.0610e-003	9.3330e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.08	1.87

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tblVehicleEF	LDT1	2.21	6.15
tblVehicleEF	LDT1	283.64	336.51
tblVehicleEF	LDT1	60.97	89.65
tblVehicleEF	LDT1	7.2420e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8070e-003	3.3270e-003
tblVehicleEF	LDT1	6.0300e-004	8.8600e-004
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.36	0.73
tblVehicleEF	LDT2	3.0680e-003	2.9350e-003
tblVehicleEF	LDT2	0.06	0.08

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT2	0.78	0.86
tblVehicleEF	LDT2	2.46	3.35
tblVehicleEF	LDT2	303.53	346.12
tblVehicleEF	LDT2	63.90	86.39
tblVehicleEF	LDT2	5.7090e-003	6.0370e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	3.0030e-003	3.4210e-003
tblVehicleEF	LDT2	6.3200e-004	8.5400e-004
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.28	0.39
tblVehicleEF	LDT2	3.4890e-003	3.1160e-003

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tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.96	1.15
tblVehicleEF	LDT2	2.18	2.80
tblVehicleEF	LDT2	324.77	369.66
tblVehicleEF	LDT2	63.35	85.34
tblVehicleEF	LDT2	5.4560e-003	5.3860e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.22	0.29
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.22	0.30
tblVehicleEF	LDT2	3.2130e-003	3.6540e-003
tblVehicleEF	LDT2	6.2700e-004	8.4400e-004
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.25	0.33

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tblVehicleEF	LDT2	2.9430e-003	2.9160e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.81
tblVehicleEF	LDT2	2.52	3.33
tblVehicleEF	LDT2	297.05	342.15
tblVehicleEF	LDT2	64.02	86.35
tblVehicleEF	LDT2	5.5610e-003	5.8710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	2.9390e-003	3.3820e-003
tblVehicleEF	LDT2	6.3400e-004	8.5400e-004
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.02

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tblVehicleEF	LDT2	0.29	0.39
tblVehicleEF	LHD1	4.5140e-003	4.7350e-003
tblVehicleEF	LHD1	3.9530e-003	2.4440e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.52
tblVehicleEF	LHD1	0.87	1.70
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	333.42
tblVehicleEF	LHD1	10.02	14.83
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	5.1450e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.18	0.09
tblVehicleEF	LHD1	0.27	0.38
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	4.3290e-003
tblVehicleEF	LHD1	9.2860e-003	6.0600e-004
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.0820e-003
tblVehicleEF	LHD1	8.8650e-003	5.5700e-004
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	3.2960e-003
tblVehicleEF	LHD1	9.9000e-005	1.4700e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5250e-003	4.7520e-003
tblVehicleEF	LHD1	4.0100e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.54	0.17
tblVehicleEF	LHD1	0.83	1.61
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.08	224.47
tblVehicleEF	LHD1	9.95	14.68
tblVehicleEF	LHD1	8.8400e-004	8.2400e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.11	0.83
tblVehicleEF	LHD1	0.27	0.36

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tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.8000e-005	1.4500e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5130e-003	4.7380e-003
tblVehicleEF	LHD1	3.9460e-003	2.3920e-003

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tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.17
tblVehicleEF	LHD1	0.88	1.68
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	224.47
tblVehicleEF	LHD1	10.02	14.80
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.16	0.86
tblVehicleEF	LHD1	0.27	0.37
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.19	0.06

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tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.9000e-005	1.4600e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD2	2.9170e-003	2.6560e-003
tblVehicleEF	LHD2	3.0330e-003	7.0200e-004
tblVehicleEF	LHD2	7.4140e-003	9.8440e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.18
tblVehicleEF	LHD2	0.50	0.87
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	180.57
tblVehicleEF	LHD2	6.89	7.65
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	2.3060e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.31	0.04
tblVehicleEF	LHD2	0.17	0.20
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.02
tblVehicleEF	LHD2	0.01	2.1050e-003

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tblVehicleEF	LHD2	0.01	2.5500e-004
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	8.3350e-003
tblVehicleEF	LHD2	2.7160e-003	5.2600e-004
tblVehicleEF	LHD2	0.01	2.3400e-004
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.05	3.1250e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	1.7850e-003
tblVehicleEF	LHD2	6.8000e-005	7.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.06	4.5590e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9240e-003	2.6660e-003
tblVehicleEF	LHD2	3.0520e-003	3.3970e-003
tblVehicleEF	LHD2	7.1660e-003	9.4730e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20

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tblVehicleEF	LHD2	0.48	0.82
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.66	432.69
tblVehicleEF	LHD2	6.85	7.57
tblVehicleEF	LHD2	1.8790e-003	1.9420e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.23	1.00
tblVehicleEF	LHD2	0.16	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003

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tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9160e-003	2.6580e-003
tblVehicleEF	LHD2	3.0280e-003	3.3970e-003
tblVehicleEF	LHD2	7.4680e-003	9.7800e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.51	0.86
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	432.69
tblVehicleEF	LHD2	6.89	7.63
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.29	1.04
tblVehicleEF	LHD2	0.17	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003

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tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	MCY	0.32	0.59
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	18.66	0.59
tblVehicleEF	MCY	8.60	7.75
tblVehicleEF	MCY	208.37	0.59
tblVehicleEF	MCY	59.78	48.61
tblVehicleEF	MCY	0.06	0.59
tblVehicleEF	MCY	0.01	8.0720e-003

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tblVehicleEF	MCY	1.12	0.59
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.59
tblVehicleEF	MCY	4.0000e-003	0.59
tblVehicleEF	MCY	1.8970e-003	0.59
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.59
tblVehicleEF	MCY	1.0000e-003	0.59
tblVehicleEF	MCY	1.7720e-003	0.59
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.13	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.80	1.30
tblVehicleEF	MCY	2.0620e-003	0.59
tblVehicleEF	MCY	5.9200e-004	4.8100e-004
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.64	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.96	1.41
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.21	0.16
tblVehicleEF	MCY	19.32	0.51
tblVehicleEF	MCY	8.01	6.99
tblVehicleEF	MCY	209.35	0.51

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tblVehicleEF	MCY	58.19	46.86
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	7.9140e-003
tblVehicleEF	MCY	0.97	0.51
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.51
tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8970e-003	0.51
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7720e-003	0.51
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.11	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.61	1.14
tblVehicleEF	MCY	2.0720e-003	0.51
tblVehicleEF	MCY	5.7600e-004	4.6300e-004
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.62	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.75	1.24
tblVehicleEF	MCY	0.32	0.57
tblVehicleEF	MCY	0.24	0.17

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tblVehicleEF	MCY	18.23	0.57
tblVehicleEF	MCY	8.56	7.58
tblVehicleEF	MCY	207.67	0.57
tblVehicleEF	MCY	59.73	48.24
tblVehicleEF	MCY	0.06	0.57
tblVehicleEF	MCY	0.02	8.0650e-003
tblVehicleEF	MCY	1.11	0.57
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8970e-003	0.57
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.7720e-003	0.57
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.12	0.57
tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.81	1.27
tblVehicleEF	MCY	2.0550e-003	0.57
tblVehicleEF	MCY	5.9100e-004	4.7700e-004
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.63	0.57
tblVehicleEF	MCY	0.54	0.57

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tblVehicleEF	MCY	1.97	1.38
tblVehicleEF	MDV	3.8660e-003	4.3470e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.88	1.08
tblVehicleEF	MDV	2.79	3.80
tblVehicleEF	MDV	380.99	428.27
tblVehicleEF	MDV	79.79	106.32
tblVehicleEF	MDV	7.9960e-003	9.3090e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.44
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.34	0.51
tblVehicleEF	MDV	3.7660e-003	4.2310e-003
tblVehicleEF	MDV	7.9000e-004	1.0510e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.03

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tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.37	0.55
tblVehicleEF	MDV	4.4030e-003	4.6160e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	1.07	1.44
tblVehicleEF	MDV	2.46	3.17
tblVehicleEF	MDV	403.42	452.81
tblVehicleEF	MDV	79.12	105.07
tblVehicleEF	MDV	7.6790e-003	8.3980e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.43
tblVehicleEF	MDV	3.9880e-003	4.4740e-003
tblVehicleEF	MDV	7.8300e-004	1.0390e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00

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tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.32	0.48
tblVehicleEF	MDV	3.7110e-003	4.3170e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.82	1.02
tblVehicleEF	MDV	2.85	3.78
tblVehicleEF	MDV	374.20	424.12
tblVehicleEF	MDV	79.93	106.27
tblVehicleEF	MDV	7.8110e-003	9.0770e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.43
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.35	0.51
tblVehicleEF	MDV	3.6990e-003	4.1900e-003
tblVehicleEF	MDV	7.9100e-004	1.0510e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11

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tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.38	0.55
tblVehicleEF	MH	7.6030e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4140e-003
tblVehicleEF	MH	1.85	2.20
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.37	21.75
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.49	1.48
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.9100e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.2000e-005

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tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	5.3110e-003
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.7620e-003	5.1000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.93	2.5770e-003
tblVehicleEF	MH	1.72	2.05
tblVehicleEF	MH	1,405.75	5.1850e-003
tblVehicleEF	MH	17.17	21.48
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.38
tblVehicleEF	MH	0.22	0.28
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.5200e-004
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.05	0.00

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tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5000e-005
tblVehicleEF	MH	1.7000e-004	2.1200e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.07	5.9380e-003
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.5890e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4820e-003
tblVehicleEF	MH	1.86	2.19
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.40	21.73
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.47	1.46
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.7900e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.02	33.84

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tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.3000e-005
tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.06	5.3200e-003
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	3.2360e-003	0.02
tblVehicleEF	MHD	1.1890e-003	6.8060e-003
tblVehicleEF	MHD	8.2020e-003	6.2760e-003
tblVehicleEF	MHD	0.35	0.67
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.92	0.73
tblVehicleEF	MHD	67.57	168.63
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.28	6.30
tblVehicleEF	MHD	9.7850e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4480e-003	4.4130e-003
tblVehicleEF	MHD	0.38	0.91
tblVehicleEF	MHD	0.90	0.83
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.6800e-004	1.7580e-003

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tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.5200e-004	1.6810e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4100e-004	1.5540e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.0810e-003	0.02
tblVehicleEF	MHD	1.2070e-003	6.8270e-003
tblVehicleEF	MHD	7.9360e-003	6.0320e-003
tblVehicleEF	MHD	0.31	0.62
tblVehicleEF	MHD	0.16	0.18

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.88	0.69
tblVehicleEF	MHD	67.48	167.39
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.21	6.23
tblVehicleEF	MHD	9.7380e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.3770e-003	4.3320e-003
tblVehicleEF	MHD	0.38	0.88
tblVehicleEF	MHD	0.85	0.78
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.1300e-004	1.4930e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.0000e-004	1.4270e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4000e-004	1.5420e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.1000e-005	6.2000e-005
tblVehicleEF	MHD	1.1690e-003	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.4620e-003	0.02
tblVehicleEF	MHD	1.1760e-003	6.8070e-003
tblVehicleEF	MHD	8.2760e-003	6.2200e-003
tblVehicleEF	MHD	0.42	0.73
tblVehicleEF	MHD	0.15	0.18
tblVehicleEF	MHD	0.93	0.73
tblVehicleEF	MHD	67.69	170.35
tblVehicleEF	MHD	926.25	1,118.29
tblVehicleEF	MHD	8.31	6.29
tblVehicleEF	MHD	9.8540e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4910e-003	4.3870e-003
tblVehicleEF	MHD	0.40	0.95
tblVehicleEF	MHD	0.89	0.81
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	4.4400e-004	2.1240e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	4.2500e-004	2.0310e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005

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tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4200e-004	1.5700e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	OBUS	8.5080e-003	0.02
tblVehicleEF	OBUS	4.2530e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.37	2.75
tblVehicleEF	OBUS	68.87	66.98
tblVehicleEF	OBUS	1,309.02	1,397.61
tblVehicleEF	OBUS	19.83	22.88
tblVehicleEF	OBUS	8.7920e-003	8.7370e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02

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tblVehicleEF	OBUS	0.25	0.25
tblVehicleEF	OBUS	0.82	1.09
tblVehicleEF	OBUS	0.75	0.68
tblVehicleEF	OBUS	8.4000e-005	4.8500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	8.0000e-005	4.6400e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5700e-004	6.0100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9600e-004	2.2600e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.09
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	8.5790e-003	0.02

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tblVehicleEF	OBUS	4.3450e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.53	0.80
tblVehicleEF	OBUS	2.22	2.56
tblVehicleEF	OBUS	68.13	66.50
tblVehicleEF	OBUS	1,309.04	1,397.64
tblVehicleEF	OBUS	19.57	22.55
tblVehicleEF	OBUS	8.6810e-003	8.6660e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.24
tblVehicleEF	OBUS	0.76	1.02
tblVehicleEF	OBUS	0.74	0.66
tblVehicleEF	OBUS	7.4000e-005	4.1500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	7.1000e-005	3.9600e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	6.5000e-004	5.9700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9400e-004	2.2300e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.4380e-003	0.02
tblVehicleEF	OBUS	4.2250e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.51	0.49
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.40	2.75
tblVehicleEF	OBUS	69.89	67.64
tblVehicleEF	OBUS	1,309.01	1,397.62
tblVehicleEF	OBUS	19.87	22.86
tblVehicleEF	OBUS	8.9530e-003	8.8430e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.81	1.07
tblVehicleEF	OBUS	0.75	0.67
tblVehicleEF	OBUS	9.7000e-005	5.8300e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	9.2000e-005	5.5700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.6700e-004	6.0800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9700e-004	2.2600e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9240e-003	1.35
tblVehicleEF	SBUS	7.2340e-003	7.6310e-003
tblVehicleEF	SBUS	3.17	3.01
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.94	1.01
tblVehicleEF	SBUS	360.62	270.86
tblVehicleEF	SBUS	1,081.74	1,236.69

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	6.13	6.31
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.1380e-003	6.9780e-003
tblVehicleEF	SBUS	3.27	1.26
tblVehicleEF	SBUS	4.25	2.61
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.1780e-003	1.5420e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.0400e-003	1.4610e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4450e-003	1.4550e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.2000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9920e-003	1.35
tblVehicleEF	SBUS	6.0650e-003	6.3630e-003
tblVehicleEF	SBUS	3.13	2.99
tblVehicleEF	SBUS	0.49	5.27
tblVehicleEF	SBUS	0.68	0.72
tblVehicleEF	SBUS	369.09	274.36
tblVehicleEF	SBUS	1,081.75	1,236.71
tblVehicleEF	SBUS	5.70	5.84
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.16
tblVehicleEF	SBUS	6.9050e-003	6.7170e-003
tblVehicleEF	SBUS	3.34	1.30
tblVehicleEF	SBUS	4.00	2.45
tblVehicleEF	SBUS	0.86	0.16
tblVehicleEF	SBUS	2.6870e-003	1.3600e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	2.5700e-003	1.2870e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.5250e-003	1.4880e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	5.6000e-005	5.8000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9160e-003	1.35
tblVehicleEF	SBUS	7.4960e-003	7.7660e-003
tblVehicleEF	SBUS	3.22	3.02
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.98	1.03
tblVehicleEF	SBUS	348.92	266.04
tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.21	6.35
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.13	0.17

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	7.2380e-003	7.0390e-003
tblVehicleEF	SBUS	3.17	1.22
tblVehicleEF	SBUS	4.22	2.57
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.8560e-003	1.7920e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.6900e-003	1.7010e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.05
tblVehicleEF	SBUS	3.3350e-003	1.4100e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.3000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.10	1.46

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.46	2.70
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.32	27.39
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7100e-004
tblVehicleEF	UBUS	1.1640e-003	0.07

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.24	2.29
tblVehicleEF	UBUS	1,592.06	1,797.26
tblVehicleEF	UBUS	16.95	26.70
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.47
tblVehicleEF	UBUS	0.16	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.13

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.6800e-004	2.6400e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.45	2.68
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.30	27.35
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7000e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TTP	19.00	100.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	1.74	0.23
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	1.74	0.23
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	1.74	0.23

2.0 Emissions Summary

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2023	0.8511	6.3670	8.4522	0.0395	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,703.3863	3,703.3863	0.1421	0.3419	3,808.8341
2024	2.3429	5.3550	11.1043	0.0426	3.4784	0.1162	3.5946	0.9369	0.1092	1.0462	0.0000	3,954.7775	3,954.7775	0.1427	0.2782	4,041.2574
Maximum	2.3429	6.3670	11.1043	0.0426	3.4842	0.1366	3.6208	0.9415	0.1281	1.0696	0.0000	3,954.7775	3,954.7775	0.1427	0.3419	4,041.2574

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					
2023	0.6930	4.6601	8.6684	0.0395	2.7240	0.0532	2.7772	0.7409	0.0508	0.7917	0.0000	3,703.3859	3,703.3859	0.1421	0.3419	3,808.8337
2024	2.2042	3.9575	11.3335	0.0426	3.2152	0.0445	3.2597	0.8723	0.0423	0.9146	0.0000	3,954.7772	3,954.7772	0.1427	0.2782	4,041.2570
Maximum	2.2042	4.6601	11.3335	0.0426	3.2152	0.0532	3.2597	0.8723	0.0508	0.9146	0.0000	3,954.7772	3,954.7772	0.1427	0.3419	4,041.2570

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.29	26.48	-2.28	0.00	14.70	61.36	16.33	14.12	60.77	19.35	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2023	6-30-2023	2.5689	1.6256
2	7-1-2023	9-30-2023	2.3413	1.8502
3	10-1-2023	12-31-2023	2.2575	1.8174
4	1-1-2024	3-31-2024	2.1570	1.7555
5	4-1-2024	6-30-2024	2.8083	2.2832
6	7-1-2024	9-30-2024	2.6710	2.0648
		Highest	2.8083	2.2832

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	9.4479	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,503.9899	1,503.9899	0.1088	0.0176	1,511.9666
Mobile	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	186.7798	1,478.4814	1,665.2612	19.3089	0.4681	2,287.4775
Total	9.6311	9.8446	2.6139	0.0887	2.4884	0.1622	2.6506	0.6575	0.1560	0.8136	675.4764	11,454.8393	12,130.3158	48.4246	1.7618	13,865.9517

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	9.4449	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Energy	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	1,348.1927	1,348.1927	0.1019	0.0153	1,355.2906
Mobile	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653
Waste						0.0000	0.0000		0.0000	0.0000	122.1742	0.0000	122.1742	7.2203	0.0000	302.6813
Water						0.0000	0.0000		0.0000	0.0000	149.4238	1,199.3199	1,348.7437	15.4485	0.3747	1,846.6021
Total	9.6184	9.7563	2.5162	0.0882	2.4884	0.1554	2.6438	0.6575	0.1492	0.8067	271.5980	11,019.8301	11,291.4281	22.8963	1.6660	12,360.3015

	ROG	NOx	CO	SO2	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	0.13	0.90	3.74	0.60	0.00	4.20	0.26	0.00	4.37	0.84	59.79	3.80	6.92	52.72	5.44	10.86

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2023	4/21/2023	5	15	
2	Site Preparation	Site Preparation	4/22/2023	5/19/2023	5	20	
3	Grading	Grading	5/20/2023	7/7/2023	5	35	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	7/8/2023	8/30/2024	5	300
5	Architectural Coating	Architectural Coating	5/1/2024	9/30/2024	5	109
6	Paving	Paving	6/1/2024	9/30/2024	5	86

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 105

Acres of Paving: 41.69

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 3,836,198; Non-Residential Outdoor: 1,278,733; Striped Parking Area: 108,958 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5,167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	28,676.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,675.00	1,046.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	535.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5625	0.0000	0.5625	0.0852	0.0000	0.0852	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1611	0.1473	2.9000e-004		7.4800e-003	7.4800e-003		6.9600e-003	6.9600e-003	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726
Total	0.0170	0.1611	0.1473	2.9000e-004	0.5625	7.4800e-003	0.5700	0.0852	6.9600e-003	0.0921	0.0000	25.4941	25.4941	7.1400e-003	0.0000	25.6726

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0446	3.1200e-003	0.0477	0.0122	2.9800e-003	0.0152	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0458	3.1300e-003	0.0489	0.0126	2.9900e-003	0.0156	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2194	0.0000	0.2194	0.0332	0.0000	0.0332	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4700e-003	0.0150	0.1746	2.9000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725
Total	3.4700e-003	0.0150	0.1746	2.9000e-004	0.2194	4.6000e-004	0.2198	0.0332	4.6000e-004	0.0337	0.0000	25.4940	25.4940	7.1400e-003	0.0000	25.6725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4600e-003	0.2722	0.0716	1.4200e-003	0.0416	3.1200e-003	0.0447	0.0115	2.9800e-003	0.0145	0.0000	137.6183	137.6183	1.9400e-003	0.0217	144.1291
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.7000e-004	3.5200e-003	1.0000e-005	1.1400e-003	1.0000e-005	1.1500e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.9403	0.9403	2.0000e-005	2.0000e-005	0.9484
Total	5.8200e-003	0.2725	0.0751	1.4300e-003	0.0427	3.1300e-003	0.0458	0.0118	2.9900e-003	0.0148	0.0000	138.5587	138.5587	1.9600e-003	0.0217	145.0775

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1966	0.0127	0.2092	0.1010	0.0117	0.1127	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.3000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0767	0.0000	0.0767	0.0394	0.0000	0.0394	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6600e-003	0.0202	0.2087	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211
Total	4.6600e-003	0.0202	0.2087	3.8000e-004	0.0767	6.2000e-004	0.0773	0.0394	6.2000e-004	0.0400	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174
Total	5.8000e-004	4.3000e-004	5.6400e-003	2.0000e-005	1.8200e-003	1.0000e-005	1.8300e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5045	1.5045	4.0000e-005	4.0000e-005	1.5174

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					0.1756	0.0000	0.1756	0.0661	0.0000	0.0661	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1756	0.0249	0.2005	0.0661	0.0229	0.0891	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2473	0.0173	0.2646	0.0679	0.0165	0.0845	0.0000	763.7591	763.7591	0.0108	0.1204	799.8928
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.8500e-003	2.0000e-005	3.8700e-003	1.0200e-003	2.0000e-005	1.0400e-003	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5114	0.4082	7.9100e-003	0.2512	0.0173	0.2685	0.0689	0.0166	0.0855	0.0000	766.6845	766.6845	0.0109	0.1204	802.8432

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0685	0.0000	0.0685	0.0258	0.0000	0.0258	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.0578	0.5775	1.0900e-003		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082
Total	0.0133	0.0578	0.5775	1.0900e-003	0.0685	1.7800e-003	0.0703	0.0258	1.7800e-003	0.0276	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0303	1.5106	0.3972	7.8800e-003	0.2306	0.0173	0.2479	0.0638	0.0165	0.0803	0.0000	763.7591	763.7591	0.0108	0.1204	799.8928
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1400e-003	8.4000e-004	0.0110	3.0000e-005	3.5500e-003	2.0000e-005	3.5700e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.9255	2.9255	7.0000e-005	8.0000e-005	2.9505
Total	0.0315	1.5114	0.4082	7.9100e-003	0.2341	0.0173	0.2514	0.0648	0.0166	0.0813	0.0000	766.6845	766.6845	0.0109	0.1204	802.8432

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396
Total	0.0983	0.8991	1.0153	1.6800e-003		0.0437	0.0437		0.0412	0.0412	0.0000	144.8780	144.8780	0.0345	0.0000	145.7396

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.4130	0.0186	0.4316	0.1192	0.0178	0.1370	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.8376	8.7400e-003	1.8463	0.4880	8.0500e-003	0.4960	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.2506	0.0274	2.2780	0.6071	0.0259	0.6330	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0205	0.1397	1.0913	1.6800e-003		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394
Total	0.0205	0.1397	1.0913	1.6800e-003		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	144.8778	144.8778	0.0345	0.0000	145.7394

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0709	2.2414	0.8930	0.0114	0.3867	0.0186	0.4053	0.1127	0.0178	0.1305	0.0000	1,099.9377	1,099.9377	0.0111	0.1626	1,148.6833
Worker	0.5424	0.4018	5.2345	0.0152	1.6942	8.7400e-003	1.7029	0.4528	8.0500e-003	0.4608	0.0000	1,397.4416	1,397.4416	0.0349	0.0371	1,409.3712
Total	0.6132	2.6432	6.1274	0.0267	2.0809	0.0274	2.1082	0.5655	0.0259	0.5913	0.0000	2,497.3792	2,497.3792	0.0460	0.1998	2,558.0545

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673
Total	0.1288	1.1763	1.4146	2.3600e-003		0.0537	0.0537		0.0505	0.0505	0.0000	202.8680	202.8680	0.0480	0.0000	204.0673

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5782	0.0259	0.6041	0.1668	0.0248	0.1916	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.5727	0.0117	2.5843	0.6831	0.0107	0.6939	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	3.1509	0.0376	3.1884	0.8500	0.0355	0.8855	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0287	0.1955	1.5278	2.3600e-003		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670
Total	0.0287	0.1955	1.5278	2.3600e-003		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	202.8677	202.8677	0.0480	0.0000	204.0670

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0976	3.1383	1.2360	0.0158	0.5414	0.0259	0.5673	0.1578	0.0248	0.1826	0.0000	1,516.1904	1,516.1904	0.0161	0.2239	1,583.2996
Worker	0.7087	0.5007	6.8535	0.0207	2.3719	0.0117	2.3835	0.6339	0.0107	0.6446	0.0000	1,894.4722	1,894.4722	0.0443	0.0482	1,909.9562
Total	0.8064	3.6389	8.0895	0.0364	2.9132	0.0376	2.9508	0.7916	0.0355	0.8272	0.0000	3,410.6626	3,410.6626	0.0604	0.2721	3,493.2557

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8500e-003	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	1.2205	0.0664	0.0987	1.6000e-004		3.3200e-003	3.3200e-003		3.3200e-003	3.3200e-003	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.3205	1.4500e-003	0.3219	0.0851	1.3400e-003	0.0864	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6200e-003	7.0200e-003	0.0999	1.6000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348
Total	1.2123	7.0200e-003	0.0999	1.6000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	13.9152	13.9152	7.8000e-004	0.0000	13.9348

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260
Total	0.0883	0.0624	0.8538	2.5700e-003	0.2955	1.4500e-003	0.2969	0.0790	1.3400e-003	0.0803	0.0000	235.9971	235.9971	5.5200e-003	6.0100e-003	237.9260

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0425	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0971	0.4096	0.6289	9.8000e-004		0.0202	0.0202		0.0185	0.0185	0.0000	86.1141	86.1141	0.0279	0.0000	86.8104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	7.0900e-003	3.0000e-005	7.1200e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0121	0.0523	0.7437	9.8000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103
Paving	0.0546					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0667	0.0523	0.7437	9.8000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	86.1140	86.1140	0.0279	0.0000	86.8103

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632
Total	1.9500e-003	1.3800e-003	0.0189	6.0000e-005	6.5400e-003	3.0000e-005	6.5700e-003	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	5.2206	5.2206	1.2000e-004	1.3000e-004	5.2632

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653
Unmitigated	0.1550	9.5887	2.3430	0.0872	2.4884	0.1426	2.6310	0.6575	0.1364	0.7939	0.0000	8,472.2584	8,472.2584	0.1255	1.2761	8,855.6653

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	583.78	583.78	583.78	7,054,831	7,054,831
Total	583.78	583.78	583.78	7,054,831	7,054,831

4.3 Trip Type Information

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	16.60	8.40	6.90	0.00	0.00	100.00	100	0	0
General Office Building	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.194534	0.226688	0.578778	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,166.0190	1,166.0190	0.0984	0.0119	1,172.0343
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,225.8841	1,225.8841	0.1035	0.0125	1,232.2083
Natural Gas Mitigated	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563
Natural Gas Unmitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.30233e+006	0.0178	0.1619	0.1360	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.2250	176.2250	3.3800e-003	3.2300e-003	177.2722
Total		0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	459500	81.4903	6.8800e-003	8.3000e-004	81.9107
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.81732e+006	1,031.6756	0.0871	0.0106	1,036.9978
Total		1,225.8841	0.1035	0.0125	1,232.2083

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

Land Use	Electricity Use kWh/yr	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	411550	72.9866	6.1600e-003	7.5000e-004	73.3631
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.52771e+006	980.3141	0.0827	0.0100	985.3714
Total		1,166.0190	0.0984	0.0119	1,172.0343

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	9.4449	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Unmitigated	9.4479	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-003	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Total	9.4479	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.3217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.2100e-003	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Total	9.4449	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,348.7437	15.4485	0.3747	1,846.6021
Unmitigated	1,665.2612	19.3089	0.4681	2,287.4775

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 54.9273	108.2237	9.1300e-003	1.1100e-003	108.7820
General Office Building	8.88669 / 5.44668	34.0723	0.2922	7.1600e-003	43.5104
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	579.852 / 0	1,522.9652	19.0075	0.4598	2,135.1851
Total		1,665.2611	19.3089	0.4681	2,287.4775

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 51.5767	101.6221	8.5800e-003	1.0400e-003	102.1463
General Office Building	7.10935 / 5.11443	28.7495	0.2339	5.7400e-003	36.3077
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	463.882 / 0	1,218.3721	15.2060	0.3679	1,708.1481
Total		1,348.7437	15.4485	0.3747	1,846.6021

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	122.1742	7.2203	0.0000	302.6813
Unmitigated	488.6967	28.8812	0.0000	1,210.7254

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.99	0.2010	0.0119	0.0000	0.4979
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	589.255	119.6134	7.0690	0.0000	296.3372
Total		122.1742	7.2203	0.0000	302.6813

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
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Boilers

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

Summit Station - Phase 1 Trucks (mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

11.0 Vegetation

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - Phase 1 (30 employee EV mitigation) operations only

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Unrefrigerated Warehouse-No Rail	2,507.47	1000sqft	57.56	2,507,465.00	0
Parking Lot	1,815.96	1000sqft	41.69	1,815,959.00	0
City Park	46.10	Acre	46.10	2,008,116.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting

Land Use - Phase 1: office 50.ksf, warehouse 2507.465 ksf, landscape shown as city park 46.1 ac, parking includes stalls,drive aisles, circulation 1815.959 ksf

Construction Phase - 30 Employee EV Mitigation, operations only, no construction

Off-road Equipment - 30 Employee EV Mitigation, operations only, no construction

Demolition - 30 Employee EV Mitigation, operations only, no construction

Grading -

Architectural Coating -

Vehicle Trips - 30 Employee EV mitigation employee commute shown under office 60/50 ksf= 1.2

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2024

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products - project would not use consumer products as specified in definition, emission factor reduced by 50%

Area Coating - mitigation requires low VOC 10g/L

Construction Off-road Equipment Mitigation - 30 Employee EV Mitigation, operations only, no construction

Mobile Commute Mitigation - mitigation requires TDM program

Area Mitigation - Mitigation requires "super compliant" low VOC paint 10mg/L, electric landscape equipment

Energy Mitigation - Mitigation requires CalGreen Tier 2

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation - Mitigation requires 75% of waste be diverted from landfill

Operational Off-Road Equipment - Mitigation requires electric or alternative fuel cargo handling equipment

Fleet Mix - TIA Fleet mix, vans listed under park, trucks under warehouse, cars under office

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	10
tblAreaCoating	Area_EF_Nonresidential_Interior	100	10
tblAreaCoating	Area_EF_Parking	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	1.00
tblConsumerProducts	ROG_EF	1.98E-05	9.9E-06
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.58

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	1.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	1.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.19
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblFleetMix	UBUS	3.0900e-004	0.00
tblLandUse	LandUseSquareFeet	2,507,470.00	2,507,465.00
tblLandUse	LandUseSquareFeet	1,815,960.00	1,815,959.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	51.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	2.00
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.38	5.07
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4500e-003	3.0230e-003
tblVehicleEF	HHD	1,353.52	809.41
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.79	4.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1.93	1.56
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.6990e-003	1.9780e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.5820e-003	1.8880e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.57	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.3710e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.5500e-004
tblVehicleEF	HHD	4.5000e-005	6.1000e-005
tblVehicleEF	HHD	0.65	0.48
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.27	5.01
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.3220e-003	2.8530e-003
tblVehicleEF	HHD	1,336.26	800.04
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	6.46	3.86
tblVehicleEF	HHD	1.82	1.48
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	2.3850e-003	1.7490e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.2820e-003	1.6690e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.60	0.35
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7000e-005	6.7000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.2820e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	3.6900e-004
tblVehicleEF	HHD	4.9000e-005	6.7000e-005
tblVehicleEF	HHD	0.68	0.50
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.7000e-005	6.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.53	5.17
tblVehicleEF	HHD	0.22	0.21
tblVehicleEF	HHD	2.4460e-003	2.9900e-003
tblVehicleEF	HHD	1,377.36	822.36
tblVehicleEF	HHD	1,236.09	1,552.03
tblVehicleEF	HHD	0.02	0.04
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.19	0.25
tblVehicleEF	HHD	2.0000e-006	9.0000e-006
tblVehicleEF	HHD	7.25	4.31
tblVehicleEF	HHD	1.91	1.54
tblVehicleEF	HHD	2.40	2.75
tblVehicleEF	HHD	3.1320e-003	2.2950e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006

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tblVehicleEF	HHD	2.9960e-003	2.1910e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8930e-003	8.7750e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.52	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.4940e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.6400e-004
tblVehicleEF	HHD	4.9000e-005	6.1000e-005
tblVehicleEF	HHD	0.59	0.45
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.8000e-005	6.6000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	1.7230e-003	2.1410e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.70
tblVehicleEF	LDA	1.93	2.71
tblVehicleEF	LDA	242.29	267.95
tblVehicleEF	LDA	49.91	66.37
tblVehicleEF	LDA	3.9210e-003	4.2760e-003
tblVehicleEF	LDA	0.02	0.03

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tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.2520e-003	7.9000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.28
tblVehicleEF	LDA	2.3970e-003	2.6490e-003
tblVehicleEF	LDA	4.9400e-004	6.5600e-004
tblVehicleEF	LDA	0.06	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.0910e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDA	1.9630e-003	2.2740e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.67	0.93
tblVehicleEF	LDA	1.71	2.27
tblVehicleEF	LDA	263.37	290.19
tblVehicleEF	LDA	49.48	65.54
tblVehicleEF	LDA	3.7370e-003	3.8070e-003

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tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	7.0570e-003	8.2850e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.24
tblVehicleEF	LDA	2.6050e-003	2.8690e-003
tblVehicleEF	LDA	4.9000e-004	6.4800e-004
tblVehicleEF	LDA	0.11	0.39
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	1.6620e-003	2.1270e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.51	0.66
tblVehicleEF	LDA	1.97	2.69
tblVehicleEF	LDA	236.51	264.19
tblVehicleEF	LDA	49.99	66.33

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tblVehicleEF	LDA	3.8050e-003	4.1560e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	6.8040e-003
tblVehicleEF	LDA	1.2520e-003	1.2430e-003
tblVehicleEF	LDA	1.6820e-003	1.9790e-003
tblVehicleEF	LDA	0.02	2.3810e-003
tblVehicleEF	LDA	1.1530e-003	1.1450e-003
tblVehicleEF	LDA	1.5460e-003	1.8190e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0400e-003	7.8460e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.18	0.28
tblVehicleEF	LDA	2.3400e-003	2.6120e-003
tblVehicleEF	LDA	4.9500e-004	6.5600e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7820e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.30
tblVehicleEF	LDT1	5.2640e-003	9.3980e-003
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	1.15	1.99
tblVehicleEF	LDT1	2.16	6.19
tblVehicleEF	LDT1	290.48	340.93

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tblVehicleEF	LDT1	60.86	89.72
tblVehicleEF	LDT1	7.4300e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8740e-003	3.3700e-003
tblVehicleEF	LDT1	6.0200e-004	8.8700e-004
tblVehicleEF	LDT1	0.17	0.93
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.12	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.35	0.73
tblVehicleEF	LDT1	5.9510e-003	9.9510e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	1.40	2.64
tblVehicleEF	LDT1	1.91	5.13

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tblVehicleEF	LDT1	312.92	367.05
tblVehicleEF	LDT1	60.33	87.72
tblVehicleEF	LDT1	7.0650e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.23	0.43
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.28	0.57
tblVehicleEF	LDT1	3.0970e-003	3.6290e-003
tblVehicleEF	LDT1	5.9700e-004	8.6700e-004
tblVehicleEF	LDT1	0.33	1.21
tblVehicleEF	LDT1	0.26	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.30	0.62
tblVehicleEF	LDT1	5.0610e-003	9.3330e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.08	1.87

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tblVehicleEF	LDT1	2.21	6.15
tblVehicleEF	LDT1	283.64	336.51
tblVehicleEF	LDT1	60.97	89.65
tblVehicleEF	LDT1	7.2420e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.24	0.46
tblVehicleEF	LDT1	0.04	8.4800e-003
tblVehicleEF	LDT1	1.7880e-003	2.2860e-003
tblVehicleEF	LDT1	2.3510e-003	3.4200e-003
tblVehicleEF	LDT1	0.02	2.9680e-003
tblVehicleEF	LDT1	1.6460e-003	2.1040e-003
tblVehicleEF	LDT1	2.1610e-003	3.1450e-003
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.32	0.66
tblVehicleEF	LDT1	2.8070e-003	3.3270e-003
tblVehicleEF	LDT1	6.0300e-004	8.8600e-004
tblVehicleEF	LDT1	0.14	0.94
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.36	0.73
tblVehicleEF	LDT2	3.0680e-003	2.9350e-003
tblVehicleEF	LDT2	0.06	0.08

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tblVehicleEF	LDT2	0.78	0.86
tblVehicleEF	LDT2	2.46	3.35
tblVehicleEF	LDT2	303.53	346.12
tblVehicleEF	LDT2	63.90	86.39
tblVehicleEF	LDT2	5.7090e-003	6.0370e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	3.0030e-003	3.4210e-003
tblVehicleEF	LDT2	6.3200e-004	8.5400e-004
tblVehicleEF	LDT2	0.10	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.28	0.39
tblVehicleEF	LDT2	3.4890e-003	3.1160e-003

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tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.96	1.15
tblVehicleEF	LDT2	2.18	2.80
tblVehicleEF	LDT2	324.77	369.66
tblVehicleEF	LDT2	63.35	85.34
tblVehicleEF	LDT2	5.4560e-003	5.3860e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.22	0.29
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.22	0.30
tblVehicleEF	LDT2	3.2130e-003	3.6540e-003
tblVehicleEF	LDT2	6.2700e-004	8.4400e-004
tblVehicleEF	LDT2	0.19	0.41
tblVehicleEF	LDT2	0.14	0.09
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.25	0.33

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tblVehicleEF	LDT2	2.9430e-003	2.9160e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.81
tblVehicleEF	LDT2	2.52	3.33
tblVehicleEF	LDT2	297.05	342.15
tblVehicleEF	LDT2	64.02	86.35
tblVehicleEF	LDT2	5.5610e-003	5.8710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LDT2	0.04	7.9990e-003
tblVehicleEF	LDT2	1.3170e-003	1.3020e-003
tblVehicleEF	LDT2	1.7330e-003	2.0550e-003
tblVehicleEF	LDT2	0.02	2.8000e-003
tblVehicleEF	LDT2	1.2130e-003	1.1970e-003
tblVehicleEF	LDT2	1.5930e-003	1.8900e-003
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.26	0.35
tblVehicleEF	LDT2	2.9390e-003	3.3820e-003
tblVehicleEF	LDT2	6.3400e-004	8.5400e-004
tblVehicleEF	LDT2	0.08	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.02

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tblVehicleEF	LDT2	0.29	0.39
tblVehicleEF	LHD1	4.5140e-003	4.7350e-003
tblVehicleEF	LHD1	3.9530e-003	2.4440e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.52
tblVehicleEF	LHD1	0.87	1.70
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	333.42
tblVehicleEF	LHD1	10.02	14.83
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	5.1450e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.18	0.09
tblVehicleEF	LHD1	0.27	0.38
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	4.3290e-003
tblVehicleEF	LHD1	9.2860e-003	6.0600e-004
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.0820e-003
tblVehicleEF	LHD1	8.8650e-003	5.5700e-004
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	3.2960e-003
tblVehicleEF	LHD1	9.9000e-005	1.4700e-004
tblVehicleEF	LHD1	2.7040e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3670e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5250e-003	4.7520e-003
tblVehicleEF	LHD1	4.0100e-003	2.3920e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.54	0.17
tblVehicleEF	LHD1	0.83	1.61
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.08	224.47
tblVehicleEF	LHD1	9.95	14.68
tblVehicleEF	LHD1	8.8400e-004	8.2400e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.11	0.83
tblVehicleEF	LHD1	0.27	0.36

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tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.8000e-005	1.4500e-004
tblVehicleEF	LHD1	5.0340e-003	0.16
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5820e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.5130e-003	4.7380e-003
tblVehicleEF	LHD1	3.9460e-003	2.3920e-003

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tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.17
tblVehicleEF	LHD1	0.88	1.68
tblVehicleEF	LHD1	9.22	9.13
tblVehicleEF	LHD1	614.07	224.47
tblVehicleEF	LHD1	10.02	14.80
tblVehicleEF	LHD1	8.8200e-004	8.2200e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	1.16	0.86
tblVehicleEF	LHD1	0.27	0.37
tblVehicleEF	LHD1	9.9600e-004	9.0900e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.5330e-003
tblVehicleEF	LHD1	9.2860e-003	0.01
tblVehicleEF	LHD1	2.0700e-004	1.8800e-004
tblVehicleEF	LHD1	9.5300e-004	8.7000e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.3830e-003
tblVehicleEF	LHD1	8.8650e-003	0.01
tblVehicleEF	LHD1	1.9000e-004	1.7200e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.19	0.06

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tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.9000e-005	8.8000e-005
tblVehicleEF	LHD1	5.9720e-003	2.1270e-003
tblVehicleEF	LHD1	9.9000e-005	1.4600e-004
tblVehicleEF	LHD1	2.3640e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2420e-003	0.00
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.19	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD2	2.9170e-003	2.6560e-003
tblVehicleEF	LHD2	3.0330e-003	7.0200e-004
tblVehicleEF	LHD2	7.4140e-003	9.8440e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.18
tblVehicleEF	LHD2	0.50	0.87
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	180.57
tblVehicleEF	LHD2	6.89	7.65
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	2.3060e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.31	0.04
tblVehicleEF	LHD2	0.17	0.20
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.02
tblVehicleEF	LHD2	0.01	2.1050e-003

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tblVehicleEF	LHD2	0.01	2.5500e-004
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	8.3350e-003
tblVehicleEF	LHD2	2.7160e-003	5.2600e-004
tblVehicleEF	LHD2	0.01	2.3400e-004
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.05	3.1250e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	1.7850e-003
tblVehicleEF	LHD2	6.8000e-005	7.6000e-005
tblVehicleEF	LHD2	1.4550e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.6300e-004	0.00
tblVehicleEF	LHD2	0.06	4.5590e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9240e-003	2.6660e-003
tblVehicleEF	LHD2	3.0520e-003	3.3970e-003
tblVehicleEF	LHD2	7.1660e-003	9.4730e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20

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tblVehicleEF	LHD2	0.48	0.82
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.66	432.69
tblVehicleEF	LHD2	6.85	7.57
tblVehicleEF	LHD2	1.8790e-003	1.9420e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.23	1.00
tblVehicleEF	LHD2	0.16	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003

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tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	2.7390e-003	0.07
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4310e-003	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	2.9160e-003	2.6580e-003
tblVehicleEF	LHD2	3.0280e-003	3.3970e-003
tblVehicleEF	LHD2	7.4680e-003	9.7800e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.41	0.20
tblVehicleEF	LHD2	0.51	0.86
tblVehicleEF	LHD2	14.53	14.73
tblVehicleEF	LHD2	613.65	432.69
tblVehicleEF	LHD2	6.89	7.63
tblVehicleEF	LHD2	1.8770e-003	1.9410e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	1.29	1.04
tblVehicleEF	LHD2	0.17	0.19
tblVehicleEF	LHD2	1.4670e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8650e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0300e-004	7.2000e-005
tblVehicleEF	LHD2	1.4030e-003	1.4490e-003

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tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7160e-003	2.2160e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.4000e-005	6.6000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	1.3900e-004	1.4100e-004
tblVehicleEF	LHD2	5.9120e-003	4.1000e-003
tblVehicleEF	LHD2	6.8000e-005	7.5000e-005
tblVehicleEF	LHD2	1.1140e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.3600e-004	0.00
tblVehicleEF	LHD2	0.06	0.08
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	MCY	0.32	0.59
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	18.66	0.59
tblVehicleEF	MCY	8.60	7.75
tblVehicleEF	MCY	208.37	0.59
tblVehicleEF	MCY	59.78	48.61
tblVehicleEF	MCY	0.06	0.59
tblVehicleEF	MCY	0.01	8.0720e-003

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tblVehicleEF	MCY	1.12	0.59
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.59
tblVehicleEF	MCY	4.0000e-003	0.59
tblVehicleEF	MCY	1.8970e-003	0.59
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.59
tblVehicleEF	MCY	1.0000e-003	0.59
tblVehicleEF	MCY	1.7720e-003	0.59
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.13	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.80	1.30
tblVehicleEF	MCY	2.0620e-003	0.59
tblVehicleEF	MCY	5.9200e-004	4.8100e-004
tblVehicleEF	MCY	1.68	2.46
tblVehicleEF	MCY	0.83	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.64	0.59
tblVehicleEF	MCY	0.48	0.59
tblVehicleEF	MCY	1.96	1.41
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.21	0.16
tblVehicleEF	MCY	19.32	0.51
tblVehicleEF	MCY	8.01	6.99
tblVehicleEF	MCY	209.35	0.51

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tblVehicleEF	MCY	58.19	46.86
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	7.9140e-003
tblVehicleEF	MCY	0.97	0.51
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.51
tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8970e-003	0.51
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7720e-003	0.51
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.11	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.61	1.14
tblVehicleEF	MCY	2.0720e-003	0.51
tblVehicleEF	MCY	5.7600e-004	4.6300e-004
tblVehicleEF	MCY	3.31	3.67
tblVehicleEF	MCY	1.24	3.76
tblVehicleEF	MCY	2.05	0.00
tblVehicleEF	MCY	2.62	0.51
tblVehicleEF	MCY	0.48	0.51
tblVehicleEF	MCY	1.75	1.24
tblVehicleEF	MCY	0.32	0.57
tblVehicleEF	MCY	0.24	0.17

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tblVehicleEF	MCY	18.23	0.57
tblVehicleEF	MCY	8.56	7.58
tblVehicleEF	MCY	207.67	0.57
tblVehicleEF	MCY	59.73	48.24
tblVehicleEF	MCY	0.06	0.57
tblVehicleEF	MCY	0.02	8.0650e-003
tblVehicleEF	MCY	1.11	0.57
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8970e-003	0.57
tblVehicleEF	MCY	2.7140e-003	3.1780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.7720e-003	0.57
tblVehicleEF	MCY	2.5480e-003	2.9850e-003
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.12	0.57
tblVehicleEF	MCY	0.54	0.57
tblVehicleEF	MCY	1.81	1.27
tblVehicleEF	MCY	2.0550e-003	0.57
tblVehicleEF	MCY	5.9100e-004	4.7700e-004
tblVehicleEF	MCY	1.59	2.55
tblVehicleEF	MCY	1.02	3.60
tblVehicleEF	MCY	0.73	0.00
tblVehicleEF	MCY	2.63	0.57
tblVehicleEF	MCY	0.54	0.57

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tblVehicleEF	MCY	1.97	1.38
tblVehicleEF	MDV	3.8660e-003	4.3470e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.88	1.08
tblVehicleEF	MDV	2.79	3.80
tblVehicleEF	MDV	380.99	428.27
tblVehicleEF	MDV	79.79	106.32
tblVehicleEF	MDV	7.9960e-003	9.3090e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.44
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.34	0.51
tblVehicleEF	MDV	3.7660e-003	4.2310e-003
tblVehicleEF	MDV	7.9000e-004	1.0510e-003
tblVehicleEF	MDV	0.12	0.44
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.03

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tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.37	0.55
tblVehicleEF	MDV	4.4030e-003	4.6160e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	1.07	1.44
tblVehicleEF	MDV	2.46	3.17
tblVehicleEF	MDV	403.42	452.81
tblVehicleEF	MDV	79.12	105.07
tblVehicleEF	MDV	7.6790e-003	8.3980e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.43
tblVehicleEF	MDV	3.9880e-003	4.4740e-003
tblVehicleEF	MDV	7.8300e-004	1.0390e-003
tblVehicleEF	MDV	0.23	0.55
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00

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tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.32	0.48
tblVehicleEF	MDV	3.7110e-003	4.3170e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.82	1.02
tblVehicleEF	MDV	2.85	3.78
tblVehicleEF	MDV	374.20	424.12
tblVehicleEF	MDV	79.93	106.27
tblVehicleEF	MDV	7.8110e-003	9.0770e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.30	0.43
tblVehicleEF	MDV	0.04	8.3220e-003
tblVehicleEF	MDV	1.3690e-003	1.4630e-003
tblVehicleEF	MDV	1.7660e-003	2.1680e-003
tblVehicleEF	MDV	0.02	2.9130e-003
tblVehicleEF	MDV	1.2630e-003	1.3500e-003
tblVehicleEF	MDV	1.6240e-003	1.9930e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.35	0.51
tblVehicleEF	MDV	3.6990e-003	4.1900e-003
tblVehicleEF	MDV	7.9100e-004	1.0510e-003
tblVehicleEF	MDV	0.09	0.45
tblVehicleEF	MDV	0.16	0.11

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tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.38	0.55
tblVehicleEF	MH	7.6030e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4140e-003
tblVehicleEF	MH	1.85	2.20
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.37	21.75
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.49	1.48
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.9100e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.2000e-005

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tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.05	33.56
tblVehicleEF	MH	0.06	7.90
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	5.3110e-003
tblVehicleEF	MH	0.02	2.0780e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.7620e-003	5.1000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.93	2.5770e-003
tblVehicleEF	MH	1.72	2.05
tblVehicleEF	MH	1,405.75	5.1850e-003
tblVehicleEF	MH	17.17	21.48
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.38
tblVehicleEF	MH	0.22	0.28
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.5200e-004
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.05	0.00

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tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5000e-005
tblVehicleEF	MH	1.7000e-004	2.1200e-004
tblVehicleEF	MH	1.92	42.99
tblVehicleEF	MH	0.07	8.56
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.07	5.9380e-003
tblVehicleEF	MH	0.02	2.1570e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.5890e-003	5.0000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.90	2.4820e-003
tblVehicleEF	MH	1.86	2.19
tblVehicleEF	MH	1,405.71	5.1850e-003
tblVehicleEF	MH	17.40	21.73
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.47	1.46
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.1600e-004	2.5500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3110e-003	6.7900e-004
tblVehicleEF	MH	0.04	0.17
tblVehicleEF	MH	1.9900e-004	2.3500e-004
tblVehicleEF	MH	1.02	33.84

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tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.3000e-005
tblVehicleEF	MH	1.7200e-004	2.1500e-004
tblVehicleEF	MH	1.02	33.84
tblVehicleEF	MH	0.07	7.89
tblVehicleEF	MH	0.37	0.00
tblVehicleEF	MH	0.06	5.3200e-003
tblVehicleEF	MH	0.02	2.1330e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	3.2360e-003	0.02
tblVehicleEF	MHD	1.1890e-003	6.8060e-003
tblVehicleEF	MHD	8.2020e-003	6.2760e-003
tblVehicleEF	MHD	0.35	0.67
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	0.92	0.73
tblVehicleEF	MHD	67.57	168.63
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.28	6.30
tblVehicleEF	MHD	9.7850e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4480e-003	4.4130e-003
tblVehicleEF	MHD	0.38	0.91
tblVehicleEF	MHD	0.90	0.83
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.6800e-004	1.7580e-003

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tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.5200e-004	1.6810e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4100e-004	1.5540e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	6.1300e-004	0.02
tblVehicleEF	MHD	0.02	4.6810e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	3.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.0810e-003	0.02
tblVehicleEF	MHD	1.2070e-003	6.8270e-003
tblVehicleEF	MHD	7.9360e-003	6.0320e-003
tblVehicleEF	MHD	0.31	0.62
tblVehicleEF	MHD	0.16	0.18

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tblVehicleEF	MHD	0.88	0.69
tblVehicleEF	MHD	67.48	167.39
tblVehicleEF	MHD	926.26	1,118.29
tblVehicleEF	MHD	8.21	6.23
tblVehicleEF	MHD	9.7380e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.3770e-003	4.3320e-003
tblVehicleEF	MHD	0.38	0.88
tblVehicleEF	MHD	0.85	0.78
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	3.1300e-004	1.4930e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	3.0000e-004	1.4270e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005
tblVehicleEF	MHD	1.1690e-003	0.03
tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4000e-004	1.5420e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.1000e-005	6.2000e-005
tblVehicleEF	MHD	1.1690e-003	0.03

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tblVehicleEF	MHD	0.02	5.0640e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	6.1000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	3.4620e-003	0.02
tblVehicleEF	MHD	1.1760e-003	6.8070e-003
tblVehicleEF	MHD	8.2760e-003	6.2200e-003
tblVehicleEF	MHD	0.42	0.73
tblVehicleEF	MHD	0.15	0.18
tblVehicleEF	MHD	0.93	0.73
tblVehicleEF	MHD	67.69	170.35
tblVehicleEF	MHD	926.25	1,118.29
tblVehicleEF	MHD	8.31	6.29
tblVehicleEF	MHD	9.8540e-003	0.03
tblVehicleEF	MHD	0.12	0.16
tblVehicleEF	MHD	6.4910e-003	4.3870e-003
tblVehicleEF	MHD	0.40	0.95
tblVehicleEF	MHD	0.89	0.81
tblVehicleEF	MHD	1.74	1.50
tblVehicleEF	MHD	4.4400e-004	2.1240e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.3080e-003	0.01
tblVehicleEF	MHD	9.4000e-005	6.8000e-005
tblVehicleEF	MHD	4.2500e-004	2.0310e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.9020e-003	0.01
tblVehicleEF	MHD	8.6000e-005	6.3000e-005

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tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.4200e-004	1.5700e-003
tblVehicleEF	MHD	8.8240e-003	0.01
tblVehicleEF	MHD	8.2000e-005	6.2000e-005
tblVehicleEF	MHD	4.5000e-004	0.02
tblVehicleEF	MHD	0.02	4.6770e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	2.5200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	OBUS	8.5080e-003	0.02
tblVehicleEF	OBUS	4.2530e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.37	2.75
tblVehicleEF	OBUS	68.87	66.98
tblVehicleEF	OBUS	1,309.02	1,397.61
tblVehicleEF	OBUS	19.83	22.88
tblVehicleEF	OBUS	8.7920e-003	8.7370e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02

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tblVehicleEF	OBUS	0.25	0.25
tblVehicleEF	OBUS	0.82	1.09
tblVehicleEF	OBUS	0.75	0.68
tblVehicleEF	OBUS	8.4000e-005	4.8500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	8.0000e-005	4.6400e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	6.5700e-004	6.0100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9600e-004	2.2600e-004
tblVehicleEF	OBUS	2.6050e-003	0.12
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.09
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	8.5790e-003	0.02

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tblVehicleEF	OBUS	4.3450e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.50	0.48
tblVehicleEF	OBUS	0.53	0.80
tblVehicleEF	OBUS	2.22	2.56
tblVehicleEF	OBUS	68.13	66.50
tblVehicleEF	OBUS	1,309.04	1,397.64
tblVehicleEF	OBUS	19.57	22.55
tblVehicleEF	OBUS	8.6810e-003	8.6660e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.24
tblVehicleEF	OBUS	0.76	1.02
tblVehicleEF	OBUS	0.74	0.66
tblVehicleEF	OBUS	7.4000e-005	4.1500e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004
tblVehicleEF	OBUS	7.1000e-005	3.9600e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.11	0.13

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tblVehicleEF	OBUS	6.5000e-004	5.9700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9400e-004	2.2300e-004
tblVehicleEF	OBUS	4.7440e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.1360e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.4380e-003	0.02
tblVehicleEF	OBUS	4.2250e-003	0.03
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.51	0.49
tblVehicleEF	OBUS	0.52	0.79
tblVehicleEF	OBUS	2.40	2.75
tblVehicleEF	OBUS	69.89	67.64
tblVehicleEF	OBUS	1,309.01	1,397.62
tblVehicleEF	OBUS	19.87	22.86
tblVehicleEF	OBUS	8.9530e-003	8.8430e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.27
tblVehicleEF	OBUS	0.81	1.07
tblVehicleEF	OBUS	0.75	0.67
tblVehicleEF	OBUS	9.7000e-005	5.8300e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.1830e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8400e-004

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tblVehicleEF	OBUS	9.2000e-005	5.5700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.8150e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6900e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.6700e-004	6.0800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9700e-004	2.2600e-004
tblVehicleEF	OBUS	2.3240e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0670e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.08	0.04
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9240e-003	1.35
tblVehicleEF	SBUS	7.2340e-003	7.6310e-003
tblVehicleEF	SBUS	3.17	3.01
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.94	1.01
tblVehicleEF	SBUS	360.62	270.86
tblVehicleEF	SBUS	1,081.74	1,236.69

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	6.13	6.31
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.17
tblVehicleEF	SBUS	7.1380e-003	6.9780e-003
tblVehicleEF	SBUS	3.27	1.26
tblVehicleEF	SBUS	4.25	2.61
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.1780e-003	1.5420e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.0400e-003	1.4610e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4450e-003	1.4550e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.2000e-005
tblVehicleEF	SBUS	1.5970e-003	0.06
tblVehicleEF	SBUS	0.01	0.01

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.7400e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9920e-003	1.35
tblVehicleEF	SBUS	6.0650e-003	6.3630e-003
tblVehicleEF	SBUS	3.13	2.99
tblVehicleEF	SBUS	0.49	5.27
tblVehicleEF	SBUS	0.68	0.72
tblVehicleEF	SBUS	369.09	274.36
tblVehicleEF	SBUS	1,081.75	1,236.71
tblVehicleEF	SBUS	5.70	5.84
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.13	0.16
tblVehicleEF	SBUS	6.9050e-003	6.7170e-003
tblVehicleEF	SBUS	3.34	1.30
tblVehicleEF	SBUS	4.00	2.45
tblVehicleEF	SBUS	0.86	0.16
tblVehicleEF	SBUS	2.6870e-003	1.3600e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	2.5700e-003	1.2870e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.5250e-003	1.4880e-003
tblVehicleEF	SBUS	0.01	7.2240e-003
tblVehicleEF	SBUS	5.6000e-005	5.8000e-005
tblVehicleEF	SBUS	2.8720e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	1.4230e-003	0.00
tblVehicleEF	SBUS	0.10	1.46
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	5.9160e-003	1.35
tblVehicleEF	SBUS	7.4960e-003	7.7660e-003
tblVehicleEF	SBUS	3.22	3.02
tblVehicleEF	SBUS	0.48	5.26
tblVehicleEF	SBUS	0.98	1.03
tblVehicleEF	SBUS	348.92	266.04
tblVehicleEF	SBUS	1,081.74	1,236.69
tblVehicleEF	SBUS	6.21	6.35
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.13	0.17

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	7.2380e-003	7.0390e-003
tblVehicleEF	SBUS	3.17	1.22
tblVehicleEF	SBUS	4.22	2.57
tblVehicleEF	SBUS	0.87	0.16
tblVehicleEF	SBUS	3.8560e-003	1.7920e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.6000e-005	5.0000e-005
tblVehicleEF	SBUS	3.6900e-003	1.7010e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6490e-003	2.5580e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.3000e-005	4.6000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.37	0.31
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.04	0.05
tblVehicleEF	SBUS	3.3350e-003	1.4100e-003
tblVehicleEF	SBUS	0.01	7.2230e-003
tblVehicleEF	SBUS	6.1000e-005	6.3000e-005
tblVehicleEF	SBUS	1.3650e-003	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.88
tblVehicleEF	SBUS	7.4300e-004	0.00
tblVehicleEF	SBUS	0.10	1.46

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.46	2.70
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.32	27.39
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.1640e-003	0.07
tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7100e-004
tblVehicleEF	UBUS	1.1640e-003	0.07

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	9.8460e-003	0.02
tblVehicleEF	UBUS	6.9400e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4560e-003	1.1220e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.24	2.29
tblVehicleEF	UBUS	1,592.06	1,797.26
tblVehicleEF	UBUS	16.95	26.70
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.47
tblVehicleEF	UBUS	0.16	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.13

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.6800e-004	2.6400e-004
tblVehicleEF	UBUS	2.0760e-003	0.11
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.4240e-003	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.4080e-003	1.2000e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	3.36	0.94
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.11	16.56
tblVehicleEF	UBUS	1.45	2.68
tblVehicleEF	UBUS	1,592.06	1,797.25
tblVehicleEF	UBUS	17.30	27.35
tblVehicleEF	UBUS	0.23	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.29
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.5920e-003	6.2000e-004
tblVehicleEF	UBUS	1.9600e-004	1.8100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.4630e-003	5.7500e-004
tblVehicleEF	UBUS	1.8000e-004	1.6600e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.6650e-003	5.6220e-003
tblVehicleEF	UBUS	1.7100e-004	2.7000e-004
tblVehicleEF	UBUS	1.2300e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.3300e-004	0.00
tblVehicleEF	UBUS	3.43	0.96
tblVehicleEF	UBUS	1.7320e-003	1.1610e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	30.00
tblVehicleTrips	CNW_TL	6.90	40.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	1.20
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	1.20
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	1.20
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

		Highest	
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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.8832	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,503.9899	1,503.9899	0.1088	0.0176	1,511.9666
Mobile	0.0195	0.0197	0.3440	1.0700e-003	0.1019	5.4000e-004	0.1024	0.0253	5.0000e-004	0.0258	0.0000	98.4744	98.4744	2.1600e-003	2.2200e-003	99.1904
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	186.7798	1,478.4814	1,665.2612	19.3089	0.4681	2,287.4775
Total	4.9308	0.2757	0.6149	2.6000e-003	0.1019	0.0202	0.1220	0.0253	0.0201	0.0454	675.4764	3,081.0553	3,756.5318	48.3013	0.4880	5,109.4767

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	4.8802	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Energy	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	1,348.1927	1,348.1927	0.1019	0.0153	1,355.2906
Mobile	0.0195	0.0197	0.3440	1.0700e-003	0.1019	5.4000e-004	0.1024	0.0253	5.0000e-004	0.0258	0.0000	98.4744	98.4744	2.1600e-003	2.2200e-003	99.1904
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	122.1742	0.0000	122.1742	7.2203	0.0000	302.6813
Water						0.0000	0.0000		0.0000	0.0000	149.4238	1,199.3199	1,348.7437	15.4485	0.3747	1,846.6021
Total	4.9182	0.1874	0.5173	2.0700e-003	0.1019	0.0133	0.1152	0.0253	0.0133	0.0386	271.5980	2,646.0461	2,917.6441	22.7730	0.3921	3,603.8265

	ROG	NOx	CO	SO2	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	0.26	32.05	15.88	20.38	0.00	33.83	5.59	0.00	33.90	15.02	59.79	14.12	22.33	52.85	19.64	29.47

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2023	4/3/2023	5	1	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 41.69

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0195	0.0197	0.3440	1.0700e-003	0.1019	5.4000e-004	0.1024	0.0253	5.0000e-004	0.0258	0.0000	98.4744	98.4744	2.1600e-003	2.2200e-003	99.1904
Unmitigated	0.0195	0.0197	0.3440	1.0700e-003	0.1019	5.4000e-004	0.1024	0.0253	5.0000e-004	0.0258	0.0000	98.4744	98.4744	2.1600e-003	2.2200e-003	99.1904

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
General Office Building	60.00	60.00	60.00	362,544	362,544
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	60.00	60.00	60.00	362,544	362,544

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	16.60	8.40	30.00	0.00	0.00	0.00	100	0	0
General Office Building	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
Unrefrigerated Warehouse-No	16.60	8.40	40.00	0.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.194534	0.226688	0.578778	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,166.0190	1,166.0190	0.0984	0.0119	1,172.0343
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,225.8841	1,225.8841	0.1035	0.0125	1,232.2083
Natural Gas Mitigated	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563
Natural Gas Unmitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.30233e+006	0.0178	0.1619	0.1360	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.2250	176.2250	3.3800e-003	3.2300e-003	177.2722
Total		0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	459500	81.4903	6.8800e-003	8.3000e-004	81.9107
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.81732e+006	1,031.6756	0.0871	0.0106	1,036.9978
Total		1,225.8841	0.1035	0.0125	1,232.2083

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	411550	72.9866	6.1600e-003	7.5000e-004	73.3631
Parking Lot	635586	112.7183	9.5100e-003	1.1500e-003	113.2998
Unrefrigerated Warehouse-No Rail	5.52771e+006	980.3141	0.0827	0.0100	985.3714
Total		1,166.0190	0.0984	0.0119	1,172.0343

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.8802	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Unmitigated	4.8832	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.2000e-003	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168
Total	4.8832	5.1000e-004	0.0563	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.9000e-004	0.0000	0.1168

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1211					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.2100e-003	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Total	4.8802	2.8000e-004	0.0327	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,348.7437	15.4485	0.3747	1,846.6021
Unmitigated	1,665.2612	19.3089	0.4681	2,287.4775

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 54.9273	108.2237	9.1300e-003	1.1100e-003	108.7820
General Office Building	8.88669 / 5.44668	34.0723	0.2922	7.1600e-003	43.5104
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	579.852 / 0	1,522.9652	19.0075	0.4598	2,135.1851
Total		1,665.2611	19.3089	0.4681	2,287.4775

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 51.5767	101.6221	8.5800e-003	1.0400e-003	102.1463
General Office Building	7.10935 / 5.11443	28.7495	0.2339	5.7400e-003	36.3077
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	463.882 / 0	1,218.3721	15.2060	0.3679	1,708.1481
Total		1,348.7437	15.4485	0.3747	1,846.6021

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	122.1742	7.2203	0.0000	302.6813
Unmitigated	488.6967	28.8812	0.0000	1,210.7254

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.99	0.2010	0.0119	0.0000	0.4979
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	589.255	119.6134	7.0690	0.0000	296.3372
Total		122.1742	7.2203	0.0000	302.6813

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	51	8.00	365	89	0.20	Electrical
Off-Highway Trucks	2	8.00	365	402	0.38	Electrical

Summit Station - Phase 1 (30 employee EV mitigation) operations only - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Highway Trucks	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - Phase 2 (Unmitigated)

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	399.80	1000sqft	9.18	399,804.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
High Turnover (Sit Down Restaurant)	15.00	1000sqft	0.34	15,000.00	0
Hotel	220.00	Room	0.57	100,000.00	0
Regional Shopping Center	25.00	1000sqft	0.57	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting

Land Use - Phase 2: FF restaurant 10 ksf, sitdown restaurant 15 ksf, hotel 0.57 ac, parking includes stalls,drive aisles, circulation 399.804 ksf

Construction Phase - anticipated construction schedule

Trips and VMT -

Demolition -

Grading -

Architectural Coating -

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Per Traffic Study, vehicle trips listed under Hotel 8485/220 rooms = 38.56818181

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2027

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2027

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2027

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products -

Area Coating -

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation -

Operational Off-Road Equipment - no offroad equipment

Fleet Mix - default fleetmix for retail

Water And Wastewater - Water consumption per WSA. Phase 2 = 81 AFY indoor, 3 AFY outdoor. Total phase 2 water use combined under regional shopping center

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblLandUse	LandUseSquareFeet	399,800.00	399,804.00
tblLandUse	LandUseSquareFeet	319,440.00	100,000.00
tblLandUse	LotAcreage	7.33	0.57
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.33	5.02
tblVehicleEF	HHD	0.23	0.18

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	2.2540e-003	1.7670e-003
tblVehicleEF	HHD	1,278.76	758.55
tblVehicleEF	HHD	1,158.97	1,470.93
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.20	0.12
tblVehicleEF	HHD	0.18	0.23
tblVehicleEF	HHD	1.0000e-006	4.0000e-006
tblVehicleEF	HHD	6.73	3.95
tblVehicleEF	HHD	1.85	1.41
tblVehicleEF	HHD	2.39	2.74
tblVehicleEF	HHD	2.5940e-003	1.7920e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	2.4820e-003	1.7090e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.7840e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	1.0000e-006	9.2000e-005
tblVehicleEF	HHD	3.1000e-005	2.3000e-005
tblVehicleEF	HHD	0.56	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.2000e-005	2.4000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	6.8800e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	9.2000e-005
tblVehicleEF	HHD	3.1000e-005	2.3000e-005

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tblVehicleEF	HHD	0.64	0.47
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.2000e-005	2.4000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.22	4.95
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	2.1410e-003	1.6680e-003
tblVehicleEF	HHD	1,262.35	749.58
tblVehicleEF	HHD	1,158.97	1,470.93
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.20	0.12
tblVehicleEF	HHD	0.18	0.23
tblVehicleEF	HHD	1.0000e-006	4.0000e-006
tblVehicleEF	HHD	6.40	3.76
tblVehicleEF	HHD	1.75	1.33
tblVehicleEF	HHD	2.39	2.74
tblVehicleEF	HHD	2.2960e-003	1.5920e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	2.1970e-003	1.5190e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.7840e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	2.0000e-006	1.2900e-004
tblVehicleEF	HHD	3.5000e-005	2.6000e-005

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tblVehicleEF	HHD	0.60	0.35
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.2000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	6.7950e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	1.2900e-004
tblVehicleEF	HHD	3.5000e-005	2.6000e-005
tblVehicleEF	HHD	0.68	0.49
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.2000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.48	5.11
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	2.2600e-003	1.7480e-003
tblVehicleEF	HHD	1,301.42	770.92
tblVehicleEF	HHD	1,158.97	1,470.93
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.20	0.12
tblVehicleEF	HHD	0.18	0.23
tblVehicleEF	HHD	1.0000e-006	4.0000e-006
tblVehicleEF	HHD	7.19	4.20
tblVehicleEF	HHD	1.84	1.39
tblVehicleEF	HHD	2.39	2.74
tblVehicleEF	HHD	3.0050e-003	2.0670e-003

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tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	2.8750e-003	1.9730e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.7840e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	1.0000e-006	9.4000e-005
tblVehicleEF	HHD	3.4000e-005	2.3000e-005
tblVehicleEF	HHD	0.52	0.30
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	6.9970e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	9.4000e-005
tblVehicleEF	HHD	3.4000e-005	2.3000e-005
tblVehicleEF	HHD	0.59	0.44
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.3000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	1.2650e-003	1.6640e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.47	0.60
tblVehicleEF	LDA	1.72	2.30
tblVehicleEF	LDA	220.57	248.77
tblVehicleEF	LDA	45.42	61.59

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tblVehicleEF	LDA	3.4380e-003	3.6890e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.13	0.20
tblVehicleEF	LDA	0.04	6.6970e-003
tblVehicleEF	LDA	1.0740e-003	1.0760e-003
tblVehicleEF	LDA	1.4910e-003	1.7780e-003
tblVehicleEF	LDA	0.02	2.3440e-003
tblVehicleEF	LDA	9.8900e-004	9.9000e-004
tblVehicleEF	LDA	1.3710e-003	1.6350e-003
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	4.3820e-003	5.8670e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.14	0.23
tblVehicleEF	LDA	2.1820e-003	2.4590e-003
tblVehicleEF	LDA	4.4900e-004	6.0900e-004
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.3700e-003	8.5510e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.25
tblVehicleEF	LDA	1.4420e-003	1.7680e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.57	0.80
tblVehicleEF	LDA	1.52	1.93
tblVehicleEF	LDA	239.69	269.42

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tblVehicleEF	LDA	45.04	60.89
tblVehicleEF	LDA	3.2780e-003	3.2820e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.18
tblVehicleEF	LDA	0.04	6.6970e-003
tblVehicleEF	LDA	1.0740e-003	1.0760e-003
tblVehicleEF	LDA	1.4910e-003	1.7780e-003
tblVehicleEF	LDA	0.02	2.3440e-003
tblVehicleEF	LDA	9.8900e-004	9.9000e-004
tblVehicleEF	LDA	1.3710e-003	1.6350e-003
tblVehicleEF	LDA	0.09	0.36
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	4.9420e-003	6.1520e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.12	0.20
tblVehicleEF	LDA	2.3710e-003	2.6630e-003
tblVehicleEF	LDA	4.4600e-004	6.0200e-004
tblVehicleEF	LDA	0.09	0.36
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	7.1870e-003	8.9660e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.21
tblVehicleEF	LDA	1.2210e-003	1.6530e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.44	0.56
tblVehicleEF	LDA	1.75	2.28

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tblVehicleEF	LDA	215.36	245.28
tblVehicleEF	LDA	45.47	61.56
tblVehicleEF	LDA	3.3360e-003	3.5850e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.13	0.19
tblVehicleEF	LDA	0.04	6.6970e-003
tblVehicleEF	LDA	1.0740e-003	1.0760e-003
tblVehicleEF	LDA	1.4910e-003	1.7780e-003
tblVehicleEF	LDA	0.02	2.3440e-003
tblVehicleEF	LDA	9.8900e-004	9.9000e-004
tblVehicleEF	LDA	1.3710e-003	1.6350e-003
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	4.2360e-003	5.8280e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.14	0.23
tblVehicleEF	LDA	2.1300e-003	2.4250e-003
tblVehicleEF	LDA	4.5000e-004	6.0900e-004
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	6.1570e-003	8.4940e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.15	0.25
tblVehicleEF	LDT1	3.4740e-003	6.8000e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.85	1.53

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tblVehicleEF	LDT1	1.89	4.93
tblVehicleEF	LDT1	266.26	323.06
tblVehicleEF	LDT1	55.59	83.67
tblVehicleEF	LDT1	5.5920e-003	0.01
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.14
tblVehicleEF	LDT1	0.19	0.38
tblVehicleEF	LDT1	0.04	8.3480e-003
tblVehicleEF	LDT1	1.4100e-003	1.8260e-003
tblVehicleEF	LDT1	1.9180e-003	2.8450e-003
tblVehicleEF	LDT1	0.02	2.9220e-003
tblVehicleEF	LDT1	1.2970e-003	1.6800e-003
tblVehicleEF	LDT1	1.7630e-003	2.6160e-003
tblVehicleEF	LDT1	0.13	0.77
tblVehicleEF	LDT1	0.16	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.01	0.03
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.23	0.52
tblVehicleEF	LDT1	2.6350e-003	3.1940e-003
tblVehicleEF	LDT1	5.5000e-004	8.2700e-004
tblVehicleEF	LDT1	0.13	0.77
tblVehicleEF	LDT1	0.16	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.25	0.57
tblVehicleEF	LDT1	3.9290e-003	7.2000e-003
tblVehicleEF	LDT1	0.04	0.09

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tblVehicleEF	LDT1	1.04	2.03
tblVehicleEF	LDT1	1.68	4.09
tblVehicleEF	LDT1	286.63	347.51
tblVehicleEF	LDT1	55.16	82.09
tblVehicleEF	LDT1	5.3220e-003	8.9680e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.12
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	0.04	8.3480e-003
tblVehicleEF	LDT1	1.4100e-003	1.8260e-003
tblVehicleEF	LDT1	1.9180e-003	2.8450e-003
tblVehicleEF	LDT1	0.02	2.9220e-003
tblVehicleEF	LDT1	1.2970e-003	1.6800e-003
tblVehicleEF	LDT1	1.7630e-003	2.6160e-003
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.20	0.45
tblVehicleEF	LDT1	2.8360e-003	3.4350e-003
tblVehicleEF	LDT1	5.4600e-004	8.1200e-004
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.22	0.49
tblVehicleEF	LDT1	3.3390e-003	6.7560e-003

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tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.80	1.44
tblVehicleEF	LDT1	1.94	4.89
tblVehicleEF	LDT1	260.03	318.93
tblVehicleEF	LDT1	55.68	83.61
tblVehicleEF	LDT1	5.4470e-003	9.7820e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	0.19	0.38
tblVehicleEF	LDT1	0.04	8.3480e-003
tblVehicleEF	LDT1	1.4100e-003	1.8260e-003
tblVehicleEF	LDT1	1.9180e-003	2.8450e-003
tblVehicleEF	LDT1	0.02	2.9220e-003
tblVehicleEF	LDT1	1.2970e-003	1.6800e-003
tblVehicleEF	LDT1	1.7630e-003	2.6160e-003
tblVehicleEF	LDT1	0.11	0.77
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.01	0.03
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.23	0.52
tblVehicleEF	LDT1	2.5730e-003	3.1530e-003
tblVehicleEF	LDT1	5.5100e-004	8.2700e-004
tblVehicleEF	LDT1	0.11	0.77
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.26	0.57

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tblVehicleEF	LDT2	2.2830e-003	2.2960e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.66	0.73
tblVehicleEF	LDT2	2.21	2.82
tblVehicleEF	LDT2	273.20	324.73
tblVehicleEF	LDT2	57.31	80.44
tblVehicleEF	LDT2	4.6720e-003	5.0530e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.18	0.26
tblVehicleEF	LDT2	0.04	7.9240e-003
tblVehicleEF	LDT2	1.1580e-003	1.1390e-003
tblVehicleEF	LDT2	1.5500e-003	1.8500e-003
tblVehicleEF	LDT2	0.02	2.7730e-003
tblVehicleEF	LDT2	1.0660e-003	1.0480e-003
tblVehicleEF	LDT2	1.4250e-003	1.7010e-003
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	0.10	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	8.7100e-003	8.4710e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.20	0.29
tblVehicleEF	LDT2	2.7030e-003	3.2100e-003
tblVehicleEF	LDT2	5.6700e-004	7.9500e-004
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	0.10	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02

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tblVehicleEF	LDT2	0.22	0.31
tblVehicleEF	LDT2	2.5980e-003	2.4380e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.80	0.97
tblVehicleEF	LDT2	1.96	2.36
tblVehicleEF	LDT2	292.13	346.62
tblVehicleEF	LDT2	56.83	79.57
tblVehicleEF	LDT2	4.4680e-003	4.5080e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.18	0.24
tblVehicleEF	LDT2	0.04	7.9240e-003
tblVehicleEF	LDT2	1.1580e-003	1.1390e-003
tblVehicleEF	LDT2	1.5500e-003	1.8500e-003
tblVehicleEF	LDT2	0.02	2.7730e-003
tblVehicleEF	LDT2	1.0660e-003	1.0480e-003
tblVehicleEF	LDT2	1.4250e-003	1.7010e-003
tblVehicleEF	LDT2	0.17	0.37
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	9.8370e-003	8.8820e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.18	0.25
tblVehicleEF	LDT2	2.8900e-003	3.4260e-003
tblVehicleEF	LDT2	5.6200e-004	7.8700e-004
tblVehicleEF	LDT2	0.17	0.37
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	0.01	0.01

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tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.19	0.27
tblVehicleEF	LDT2	2.1900e-003	2.2810e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.61	0.69
tblVehicleEF	LDT2	2.27	2.80
tblVehicleEF	LDT2	267.41	321.04
tblVehicleEF	LDT2	57.42	80.41
tblVehicleEF	LDT2	4.5510e-003	4.9130e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.19	0.26
tblVehicleEF	LDT2	0.04	7.9240e-003
tblVehicleEF	LDT2	1.1580e-003	1.1390e-003
tblVehicleEF	LDT2	1.5500e-003	1.8500e-003
tblVehicleEF	LDT2	0.02	2.7730e-003
tblVehicleEF	LDT2	1.0660e-003	1.0480e-003
tblVehicleEF	LDT2	1.4250e-003	1.7010e-003
tblVehicleEF	LDT2	0.07	0.30
tblVehicleEF	LDT2	0.11	0.07
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	8.3640e-003	8.4140e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.21	0.29
tblVehicleEF	LDT2	2.6450e-003	3.1730e-003
tblVehicleEF	LDT2	5.6800e-004	7.9500e-004
tblVehicleEF	LDT2	0.07	0.30
tblVehicleEF	LDT2	0.11	0.07
tblVehicleEF	LDT2	0.06	0.00

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tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LHD1	4.1810e-003	4.4020e-003
tblVehicleEF	LHD1	2.9780e-003	1.7220e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.40	0.46
tblVehicleEF	LHD1	0.82	1.75
tblVehicleEF	LHD1	8.90	8.79
tblVehicleEF	LHD1	584.36	308.95
tblVehicleEF	LHD1	9.56	14.58
tblVehicleEF	LHD1	8.5900e-004	7.8800e-004
tblVehicleEF	LHD1	0.04	3.7550e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.83	0.06
tblVehicleEF	LHD1	0.24	0.34
tblVehicleEF	LHD1	1.0140e-003	8.9100e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	4.4920e-003
tblVehicleEF	LHD1	7.6190e-003	6.0400e-004
tblVehicleEF	LHD1	1.9400e-004	1.5100e-004
tblVehicleEF	LHD1	9.7000e-004	8.5300e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5110e-003	1.1230e-003
tblVehicleEF	LHD1	7.2710e-003	5.5500e-004
tblVehicleEF	LHD1	1.7900e-004	1.3900e-004
tblVehicleEF	LHD1	2.3690e-003	0.11

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tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2300e-003	0.00
tblVehicleEF	LHD1	0.04	8.2470e-003
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	8.6000e-005	8.5000e-005
tblVehicleEF	LHD1	5.6820e-003	3.0540e-003
tblVehicleEF	LHD1	9.5000e-005	1.4400e-004
tblVehicleEF	LHD1	2.3690e-003	0.11
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.2300e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	4.1910e-003	4.4180e-003
tblVehicleEF	LHD1	3.0150e-003	1.9210e-003
tblVehicleEF	LHD1	9.9380e-003	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.40	0.13
tblVehicleEF	LHD1	0.78	1.66
tblVehicleEF	LHD1	8.90	8.79
tblVehicleEF	LHD1	584.36	212.29
tblVehicleEF	LHD1	9.49	14.43
tblVehicleEF	LHD1	8.6100e-004	7.9000e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.07

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tblVehicleEF	LHD1	0.78	0.60
tblVehicleEF	LHD1	0.23	0.33
tblVehicleEF	LHD1	1.0140e-003	8.9100e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.4720e-003
tblVehicleEF	LHD1	7.6190e-003	0.01
tblVehicleEF	LHD1	1.9400e-004	1.5100e-004
tblVehicleEF	LHD1	9.7000e-004	8.5300e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5110e-003	1.3680e-003
tblVehicleEF	LHD1	7.2710e-003	0.01
tblVehicleEF	LHD1	1.7900e-004	1.3900e-004
tblVehicleEF	LHD1	4.4070e-003	0.14
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2980e-003	0.00
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.17	0.06
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	8.6000e-005	8.5000e-005
tblVehicleEF	LHD1	5.6820e-003	2.0120e-003
tblVehicleEF	LHD1	9.4000e-005	1.4300e-004
tblVehicleEF	LHD1	4.4070e-003	0.14
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2980e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.17	0.06
tblVehicleEF	LHD1	0.05	0.09

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tblVehicleEF	LHD1	4.1800e-003	4.4050e-003
tblVehicleEF	LHD1	2.9750e-003	1.9210e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.40	0.13
tblVehicleEF	LHD1	0.82	1.73
tblVehicleEF	LHD1	8.90	8.79
tblVehicleEF	LHD1	584.36	212.29
tblVehicleEF	LHD1	9.56	14.56
tblVehicleEF	LHD1	8.5900e-004	7.8900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.82	0.63
tblVehicleEF	LHD1	0.24	0.33
tblVehicleEF	LHD1	1.0140e-003	8.9100e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.4720e-003
tblVehicleEF	LHD1	7.6190e-003	0.01
tblVehicleEF	LHD1	1.9400e-004	1.5100e-004
tblVehicleEF	LHD1	9.7000e-004	8.5300e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5110e-003	1.3680e-003
tblVehicleEF	LHD1	7.2710e-003	0.01
tblVehicleEF	LHD1	1.7900e-004	1.3900e-004
tblVehicleEF	LHD1	2.0380e-003	0.11
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1150e-003	0.00

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tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	8.6000e-005	8.5000e-005
tblVehicleEF	LHD1	5.6820e-003	2.0120e-003
tblVehicleEF	LHD1	9.5000e-005	1.4400e-004
tblVehicleEF	LHD1	2.0380e-003	0.11
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.1150e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD2	2.6940e-003	2.4330e-003
tblVehicleEF	LHD2	2.4180e-003	4.7400e-004
tblVehicleEF	LHD2	6.0740e-003	8.5990e-003
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.31	0.16
tblVehicleEF	LHD2	0.46	0.86
tblVehicleEF	LHD2	14.06	14.28
tblVehicleEF	LHD2	584.07	167.47
tblVehicleEF	LHD2	6.49	7.30
tblVehicleEF	LHD2	1.8270e-003	1.8850e-003
tblVehicleEF	LHD2	0.06	1.7640e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.94	0.03
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	1.4930e-003	1.5140e-003

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tblVehicleEF	LHD2	0.09	0.02
tblVehicleEF	LHD2	0.01	2.2260e-003
tblVehicleEF	LHD2	0.01	2.5400e-004
tblVehicleEF	LHD2	9.7000e-005	5.7000e-005
tblVehicleEF	LHD2	1.4290e-003	1.4480e-003
tblVehicleEF	LHD2	0.04	8.5000e-003
tblVehicleEF	LHD2	2.7200e-003	5.5600e-004
tblVehicleEF	LHD2	0.01	2.3300e-004
tblVehicleEF	LHD2	8.9000e-005	5.3000e-005
tblVehicleEF	LHD2	1.2560e-003	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.8800e-004	0.00
tblVehicleEF	LHD2	0.04	2.0420e-003
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	1.3400e-004	1.3600e-004
tblVehicleEF	LHD2	5.6260e-003	1.6560e-003
tblVehicleEF	LHD2	6.4000e-005	7.2000e-005
tblVehicleEF	LHD2	1.2560e-003	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8800e-004	0.00
tblVehicleEF	LHD2	0.05	2.9800e-003
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	2.7010e-003	2.4420e-003
tblVehicleEF	LHD2	2.4310e-003	2.8980e-003
tblVehicleEF	LHD2	5.8700e-003	8.2760e-003

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tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.32	0.16
tblVehicleEF	LHD2	0.44	0.82
tblVehicleEF	LHD2	14.06	14.28
tblVehicleEF	LHD2	584.07	416.89
tblVehicleEF	LHD2	6.46	7.22
tblVehicleEF	LHD2	1.8280e-003	1.8860e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.88	0.79
tblVehicleEF	LHD2	0.14	0.17
tblVehicleEF	LHD2	1.4930e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8430e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.7000e-005	5.7000e-005
tblVehicleEF	LHD2	1.4290e-003	1.4480e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7200e-003	2.2110e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.9000e-005	5.3000e-005
tblVehicleEF	LHD2	2.3590e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.2710e-003	0.00
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04

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tblVehicleEF	LHD2	1.3400e-004	1.3600e-004
tblVehicleEF	LHD2	5.6260e-003	3.9500e-003
tblVehicleEF	LHD2	6.4000e-005	7.1000e-005
tblVehicleEF	LHD2	2.3590e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2710e-003	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	2.6930e-003	2.4350e-003
tblVehicleEF	LHD2	2.4140e-003	2.8980e-003
tblVehicleEF	LHD2	6.1170e-003	8.5440e-003
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.31	0.16
tblVehicleEF	LHD2	0.47	0.85
tblVehicleEF	LHD2	14.06	14.28
tblVehicleEF	LHD2	584.07	416.89
tblVehicleEF	LHD2	6.50	7.28
tblVehicleEF	LHD2	1.8270e-003	1.8860e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.93	0.82
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	1.4930e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8430e-003
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	9.7000e-005	5.7000e-005
tblVehicleEF	LHD2	1.4290e-003	1.4480e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7200e-003	2.2110e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.9000e-005	5.3000e-005
tblVehicleEF	LHD2	9.4500e-004	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7800e-004	0.00
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.08	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	1.3400e-004	1.3600e-004
tblVehicleEF	LHD2	5.6260e-003	3.9500e-003
tblVehicleEF	LHD2	6.4000e-005	7.2000e-005
tblVehicleEF	LHD2	9.4500e-004	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.08	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	MCY	0.31	0.55
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.02	0.55
tblVehicleEF	MCY	8.65	7.67
tblVehicleEF	MCY	208.19	0.55
tblVehicleEF	MCY	58.95	45.95

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tblVehicleEF	MCY	0.06	0.55
tblVehicleEF	MCY	0.01	7.2670e-003
tblVehicleEF	MCY	1.11	0.55
tblVehicleEF	MCY	0.26	0.12
tblVehicleEF	MCY	0.01	0.55
tblVehicleEF	MCY	4.0000e-003	0.55
tblVehicleEF	MCY	1.9920e-003	0.55
tblVehicleEF	MCY	2.7220e-003	3.1940e-003
tblVehicleEF	MCY	5.0400e-003	0.55
tblVehicleEF	MCY	1.0000e-003	0.55
tblVehicleEF	MCY	1.8590e-003	0.55
tblVehicleEF	MCY	2.5500e-003	2.9940e-003
tblVehicleEF	MCY	1.68	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.09	0.55
tblVehicleEF	MCY	0.45	0.55
tblVehicleEF	MCY	1.78	1.21
tblVehicleEF	MCY	2.0600e-003	0.55
tblVehicleEF	MCY	5.8300e-004	4.5400e-004
tblVehicleEF	MCY	1.68	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.61	0.55
tblVehicleEF	MCY	0.45	0.55
tblVehicleEF	MCY	1.94	1.31
tblVehicleEF	MCY	0.31	0.48
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	18.68	0.48

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tblVehicleEF	MCY	8.02	6.86
tblVehicleEF	MCY	209.18	0.48
tblVehicleEF	MCY	57.33	44.19
tblVehicleEF	MCY	0.06	0.48
tblVehicleEF	MCY	0.01	7.1290e-003
tblVehicleEF	MCY	0.97	0.48
tblVehicleEF	MCY	0.25	0.11
tblVehicleEF	MCY	0.01	0.48
tblVehicleEF	MCY	4.0000e-003	0.48
tblVehicleEF	MCY	1.9920e-003	0.48
tblVehicleEF	MCY	2.7220e-003	3.1940e-003
tblVehicleEF	MCY	5.0400e-003	0.48
tblVehicleEF	MCY	1.0000e-003	0.48
tblVehicleEF	MCY	1.8590e-003	0.48
tblVehicleEF	MCY	2.5500e-003	2.9940e-003
tblVehicleEF	MCY	3.33	3.63
tblVehicleEF	MCY	1.23	3.76
tblVehicleEF	MCY	2.04	0.00
tblVehicleEF	MCY	2.08	0.48
tblVehicleEF	MCY	0.45	0.48
tblVehicleEF	MCY	1.59	1.07
tblVehicleEF	MCY	2.0700e-003	0.48
tblVehicleEF	MCY	5.6700e-004	4.3700e-004
tblVehicleEF	MCY	3.33	3.63
tblVehicleEF	MCY	1.23	3.76
tblVehicleEF	MCY	2.04	0.00
tblVehicleEF	MCY	2.59	0.48
tblVehicleEF	MCY	0.45	0.48
tblVehicleEF	MCY	1.73	1.16

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tblVehicleEF	MCY	0.31	0.53
tblVehicleEF	MCY	0.24	0.16
tblVehicleEF	MCY	17.62	0.53
tblVehicleEF	MCY	8.63	7.51
tblVehicleEF	MCY	207.54	0.53
tblVehicleEF	MCY	58.95	45.61
tblVehicleEF	MCY	0.06	0.53
tblVehicleEF	MCY	0.02	7.2620e-003
tblVehicleEF	MCY	1.11	0.53
tblVehicleEF	MCY	0.26	0.12
tblVehicleEF	MCY	0.01	0.53
tblVehicleEF	MCY	4.0000e-003	0.53
tblVehicleEF	MCY	1.9920e-003	0.53
tblVehicleEF	MCY	2.7220e-003	3.1940e-003
tblVehicleEF	MCY	5.0400e-003	0.53
tblVehicleEF	MCY	1.0000e-003	0.53
tblVehicleEF	MCY	1.8590e-003	0.53
tblVehicleEF	MCY	2.5500e-003	2.9940e-003
tblVehicleEF	MCY	1.59	2.61
tblVehicleEF	MCY	0.99	3.60
tblVehicleEF	MCY	0.72	0.00
tblVehicleEF	MCY	2.09	0.53
tblVehicleEF	MCY	0.51	0.53
tblVehicleEF	MCY	1.79	1.18
tblVehicleEF	MCY	2.0540e-003	0.53
tblVehicleEF	MCY	5.8300e-004	4.5100e-004
tblVehicleEF	MCY	1.59	2.61
tblVehicleEF	MCY	0.99	3.60
tblVehicleEF	MCY	0.72	0.00

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tblVehicleEF	MCY	2.60	0.53
tblVehicleEF	MCY	0.51	0.53
tblVehicleEF	MCY	1.95	1.29
tblVehicleEF	MDV	2.7410e-003	3.1870e-003
tblVehicleEF	MDV	0.05	0.08
tblVehicleEF	MDV	0.71	0.88
tblVehicleEF	MDV	2.42	3.17
tblVehicleEF	MDV	342.41	401.64
tblVehicleEF	MDV	71.37	99.24
tblVehicleEF	MDV	6.4530e-003	7.3160e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.08
tblVehicleEF	MDV	0.23	0.34
tblVehicleEF	MDV	0.04	8.2120e-003
tblVehicleEF	MDV	1.1930e-003	1.2650e-003
tblVehicleEF	MDV	1.5600e-003	1.9340e-003
tblVehicleEF	MDV	0.02	2.8740e-003
tblVehicleEF	MDV	1.1000e-003	1.1670e-003
tblVehicleEF	MDV	1.4350e-003	1.7780e-003
tblVehicleEF	MDV	0.11	0.42
tblVehicleEF	MDV	0.13	0.10
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.25	0.39
tblVehicleEF	MDV	3.3840e-003	3.9680e-003
tblVehicleEF	MDV	7.0600e-004	9.8100e-004
tblVehicleEF	MDV	0.11	0.42
tblVehicleEF	MDV	0.13	0.10

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tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.28	0.43
tblVehicleEF	MDV	3.1210e-003	3.3840e-003
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.86	1.17
tblVehicleEF	MDV	2.13	2.65
tblVehicleEF	MDV	362.11	424.22
tblVehicleEF	MDV	70.81	98.23
tblVehicleEF	MDV	6.2130e-003	6.6080e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.22	0.32
tblVehicleEF	MDV	0.04	8.2120e-003
tblVehicleEF	MDV	1.1930e-003	1.2650e-003
tblVehicleEF	MDV	1.5600e-003	1.9340e-003
tblVehicleEF	MDV	0.02	2.8740e-003
tblVehicleEF	MDV	1.1000e-003	1.1670e-003
tblVehicleEF	MDV	1.4350e-003	1.7780e-003
tblVehicleEF	MDV	0.22	0.51
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.22	0.34
tblVehicleEF	MDV	3.5790e-003	4.1910e-003
tblVehicleEF	MDV	7.0100e-004	9.7100e-004
tblVehicleEF	MDV	0.22	0.51

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.24	0.37
tblVehicleEF	MDV	2.6300e-003	3.1660e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.66	0.83
tblVehicleEF	MDV	2.47	3.15
tblVehicleEF	MDV	336.40	397.83
tblVehicleEF	MDV	71.48	99.20
tblVehicleEF	MDV	6.3110e-003	7.1350e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.23	0.34
tblVehicleEF	MDV	0.04	8.2120e-003
tblVehicleEF	MDV	1.1930e-003	1.2650e-003
tblVehicleEF	MDV	1.5600e-003	1.9340e-003
tblVehicleEF	MDV	0.02	2.8740e-003
tblVehicleEF	MDV	1.1000e-003	1.1670e-003
tblVehicleEF	MDV	1.4350e-003	1.7780e-003
tblVehicleEF	MDV	0.09	0.43
tblVehicleEF	MDV	0.14	0.10
tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MDV	3.3250e-003	3.9310e-003
tblVehicleEF	MDV	7.0700e-004	9.8100e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.09	0.43
tblVehicleEF	MDV	0.14	0.10
tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.28	0.43
tblVehicleEF	MH	5.6310e-003	3.5000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.58	1.5510e-003
tblVehicleEF	MH	1.66	1.99
tblVehicleEF	MH	1,339.85	4.7020e-003
tblVehicleEF	MH	16.21	20.70
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.34	1.45
tblVehicleEF	MH	0.23	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	1.9400e-004	2.2500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3210e-003	6.5200e-004
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.7800e-004	2.0700e-004
tblVehicleEF	MH	0.85	31.77
tblVehicleEF	MH	0.05	7.07
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.01	2.0110e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.01	2.7000e-005
tblVehicleEF	MH	1.6000e-004	2.0500e-004
tblVehicleEF	MH	0.85	31.77
tblVehicleEF	MH	0.05	7.07
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.05	3.5450e-003
tblVehicleEF	MH	0.01	2.0110e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	5.7350e-003	3.6000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.60	1.6410e-003
tblVehicleEF	MH	1.55	1.85
tblVehicleEF	MH	1,339.87	4.7020e-003
tblVehicleEF	MH	16.02	20.46
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.25	1.35
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	1.9400e-004	2.2500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3210e-003	6.1600e-004
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.7800e-004	2.0700e-004
tblVehicleEF	MH	1.55	38.99
tblVehicleEF	MH	0.05	7.62

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.63	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.01	2.0720e-003
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.01	2.9000e-005
tblVehicleEF	MH	1.5900e-004	2.0200e-004
tblVehicleEF	MH	1.55	38.99
tblVehicleEF	MH	0.05	7.62
tblVehicleEF	MH	0.63	0.00
tblVehicleEF	MH	0.05	3.9250e-003
tblVehicleEF	MH	0.01	2.0720e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	5.6200e-003	3.5000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.58	1.5860e-003
tblVehicleEF	MH	1.67	1.98
tblVehicleEF	MH	1,339.85	4.7020e-003
tblVehicleEF	MH	16.23	20.68
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.33	1.42
tblVehicleEF	MH	0.23	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	1.9400e-004	2.2500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3210e-003	6.4200e-004
tblVehicleEF	MH	0.04	0.16

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	1.7800e-004	2.0700e-004
tblVehicleEF	MH	0.80	31.98
tblVehicleEF	MH	0.05	7.08
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.01	2.0520e-003
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.01	2.8000e-005
tblVehicleEF	MH	1.6100e-004	2.0400e-004
tblVehicleEF	MH	0.80	31.98
tblVehicleEF	MH	0.05	7.08
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	3.5550e-003
tblVehicleEF	MH	0.01	2.0520e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MHD	3.2850e-003	0.02
tblVehicleEF	MHD	8.9100e-004	6.8910e-003
tblVehicleEF	MHD	7.6110e-003	5.1320e-003
tblVehicleEF	MHD	0.35	0.66
tblVehicleEF	MHD	0.11	0.12
tblVehicleEF	MHD	0.81	0.58
tblVehicleEF	MHD	63.03	162.94
tblVehicleEF	MHD	886.30	1,069.93
tblVehicleEF	MHD	7.86	5.35
tblVehicleEF	MHD	9.1070e-003	0.03
tblVehicleEF	MHD	0.11	0.15
tblVehicleEF	MHD	6.5030e-003	3.7910e-003
tblVehicleEF	MHD	0.34	0.84
tblVehicleEF	MHD	0.87	0.60

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tblVehicleEF	MHD	1.74	1.46
tblVehicleEF	MHD	2.2700e-004	9.8800e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.4410e-003	7.8400e-003
tblVehicleEF	MHD	9.2000e-005	5.8000e-005
tblVehicleEF	MHD	2.1700e-004	9.4400e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	9.0290e-003	7.4980e-003
tblVehicleEF	MHD	8.4000e-005	5.4000e-005
tblVehicleEF	MHD	5.3000e-004	0.02
tblVehicleEF	MHD	0.02	3.5660e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.8800e-004	0.00
tblVehicleEF	MHD	9.2020e-003	0.01
tblVehicleEF	MHD	0.01	8.9990e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9800e-004	1.4940e-003
tblVehicleEF	MHD	8.4480e-003	0.01
tblVehicleEF	MHD	7.8000e-005	5.3000e-005
tblVehicleEF	MHD	5.3000e-004	0.02
tblVehicleEF	MHD	0.02	3.5660e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.8800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	8.9990e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.1270e-003	0.02
tblVehicleEF	MHD	9.0300e-004	6.9040e-003
tblVehicleEF	MHD	7.3690e-003	4.9340e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.31	0.62
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.77	0.55
tblVehicleEF	MHD	62.78	161.37
tblVehicleEF	MHD	886.31	1,069.94
tblVehicleEF	MHD	7.79	5.29
tblVehicleEF	MHD	9.0370e-003	0.03
tblVehicleEF	MHD	0.11	0.15
tblVehicleEF	MHD	6.4260e-003	3.7180e-003
tblVehicleEF	MHD	0.33	0.81
tblVehicleEF	MHD	0.82	0.56
tblVehicleEF	MHD	1.74	1.46
tblVehicleEF	MHD	1.9500e-004	8.4400e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.4410e-003	7.8400e-003
tblVehicleEF	MHD	9.2000e-005	5.8000e-005
tblVehicleEF	MHD	1.8600e-004	8.0700e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	9.0290e-003	7.4980e-003
tblVehicleEF	MHD	8.4000e-005	5.4000e-005
tblVehicleEF	MHD	1.0110e-003	0.02
tblVehicleEF	MHD	0.02	3.8340e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.4000e-004	0.00
tblVehicleEF	MHD	9.2480e-003	0.01
tblVehicleEF	MHD	0.01	9.2770e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9600e-004	1.4790e-003
tblVehicleEF	MHD	8.4480e-003	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	7.7000e-005	5.2000e-005
tblVehicleEF	MHD	1.0110e-003	0.02
tblVehicleEF	MHD	0.02	3.8340e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.4000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.2770e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.5130e-003	0.02
tblVehicleEF	MHD	8.8200e-004	6.8920e-003
tblVehicleEF	MHD	7.6800e-003	5.0850e-003
tblVehicleEF	MHD	0.42	0.71
tblVehicleEF	MHD	0.11	0.12
tblVehicleEF	MHD	0.82	0.57
tblVehicleEF	MHD	63.37	165.10
tblVehicleEF	MHD	886.30	1,069.94
tblVehicleEF	MHD	7.88	5.34
tblVehicleEF	MHD	9.2070e-003	0.03
tblVehicleEF	MHD	0.11	0.15
tblVehicleEF	MHD	6.5500e-003	3.7680e-003
tblVehicleEF	MHD	0.35	0.88
tblVehicleEF	MHD	0.86	0.59
tblVehicleEF	MHD	1.74	1.46
tblVehicleEF	MHD	2.7200e-004	1.1860e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.4410e-003	7.8400e-003
tblVehicleEF	MHD	9.2000e-005	5.8000e-005
tblVehicleEF	MHD	2.6100e-004	1.1340e-003
tblVehicleEF	MHD	0.06	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	9.0290e-003	7.4980e-003
tblVehicleEF	MHD	8.4000e-005	5.4000e-005
tblVehicleEF	MHD	3.7300e-004	0.02
tblVehicleEF	MHD	0.02	3.5670e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.2600e-004	0.00
tblVehicleEF	MHD	9.1650e-003	0.01
tblVehicleEF	MHD	0.02	9.1730e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.0100e-004	1.5140e-003
tblVehicleEF	MHD	8.4480e-003	0.01
tblVehicleEF	MHD	7.8000e-005	5.3000e-005
tblVehicleEF	MHD	3.7300e-004	0.02
tblVehicleEF	MHD	0.02	3.5670e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.2600e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	9.1730e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	8.3570e-003	0.02
tblVehicleEF	OBUS	2.9570e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.53	0.52
tblVehicleEF	OBUS	0.35	0.61
tblVehicleEF	OBUS	2.15	2.49
tblVehicleEF	OBUS	72.04	72.18
tblVehicleEF	OBUS	1,215.91	1,314.95
tblVehicleEF	OBUS	18.29	20.98
tblVehicleEF	OBUS	9.4480e-003	9.7490e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.28	0.26
tblVehicleEF	OBUS	0.76	0.95
tblVehicleEF	OBUS	0.80	0.69
tblVehicleEF	OBUS	9.4000e-005	4.3800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.3290e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8000e-004
tblVehicleEF	OBUS	9.0000e-005	4.1800e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.9540e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6600e-004
tblVehicleEF	OBUS	2.4330e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.0770e-003	0.00
tblVehicleEF	OBUS	0.02	0.04
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.10	0.12
tblVehicleEF	OBUS	6.8700e-004	6.4200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.8100e-004	2.0700e-004
tblVehicleEF	OBUS	2.4330e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.0770e-003	0.00
tblVehicleEF	OBUS	0.02	0.09
tblVehicleEF	OBUS	0.08	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	8.4350e-003	0.02
tblVehicleEF	OBUS	3.0170e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.53	0.51
tblVehicleEF	OBUS	0.35	0.62
tblVehicleEF	OBUS	2.01	2.32
tblVehicleEF	OBUS	71.24	71.62
tblVehicleEF	OBUS	1,215.92	1,314.96
tblVehicleEF	OBUS	18.05	20.68
tblVehicleEF	OBUS	9.3280e-003	9.6640e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.25
tblVehicleEF	OBUS	0.71	0.89
tblVehicleEF	OBUS	0.79	0.68
tblVehicleEF	OBUS	8.4000e-005	3.7600e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.3290e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8000e-004
tblVehicleEF	OBUS	8.0000e-005	3.5900e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.9540e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6600e-004
tblVehicleEF	OBUS	4.4350e-003	0.17
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.0140e-003	0.00
tblVehicleEF	OBUS	0.02	0.04

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.10	0.12
tblVehicleEF	OBUS	6.7900e-004	6.3700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.7900e-004	2.0400e-004
tblVehicleEF	OBUS	4.4350e-003	0.17
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.0140e-003	0.00
tblVehicleEF	OBUS	0.02	0.09
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	8.2780e-003	0.02
tblVehicleEF	OBUS	2.9380e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.54	0.53
tblVehicleEF	OBUS	0.35	0.61
tblVehicleEF	OBUS	2.17	2.48
tblVehicleEF	OBUS	73.14	72.96
tblVehicleEF	OBUS	1,215.91	1,314.95
tblVehicleEF	OBUS	18.33	20.96
tblVehicleEF	OBUS	9.6210e-003	9.8730e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.30	0.27
tblVehicleEF	OBUS	0.76	0.94
tblVehicleEF	OBUS	0.80	0.69
tblVehicleEF	OBUS	1.0900e-004	5.2300e-004
tblVehicleEF	OBUS	0.13	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	8.3290e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8000e-004
tblVehicleEF	OBUS	1.0400e-004	5.0000e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.9540e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6600e-004
tblVehicleEF	OBUS	2.1200e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.0080e-003	0.00
tblVehicleEF	OBUS	0.02	0.04
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.9700e-004	6.4900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.8100e-004	2.0700e-004
tblVehicleEF	OBUS	2.1200e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0080e-003	0.00
tblVehicleEF	OBUS	0.02	0.09
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	SBUS	0.08	0.52
tblVehicleEF	SBUS	5.3160e-003	1.37
tblVehicleEF	SBUS	7.4300e-003	7.7010e-003
tblVehicleEF	SBUS	3.29	3.07
tblVehicleEF	SBUS	0.44	5.19
tblVehicleEF	SBUS	0.94	0.97

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	351.31	271.75
tblVehicleEF	SBUS	1,044.65	1,215.71
tblVehicleEF	SBUS	6.15	6.19
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.12	0.16
tblVehicleEF	SBUS	7.5370e-003	7.3240e-003
tblVehicleEF	SBUS	2.93	1.14
tblVehicleEF	SBUS	3.70	2.22
tblVehicleEF	SBUS	1.04	0.18
tblVehicleEF	SBUS	2.5040e-003	1.3590e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	5.2000e-005	5.1000e-005
tblVehicleEF	SBUS	2.3960e-003	1.2840e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6480e-003	2.5520e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.8000e-005	4.7000e-005
tblVehicleEF	SBUS	1.8750e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.38	0.30
tblVehicleEF	SBUS	9.1800e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.3580e-003	1.3810e-003
tblVehicleEF	SBUS	0.01	6.8800e-003
tblVehicleEF	SBUS	1.8750e-003	0.09

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.54	0.90
tblVehicleEF	SBUS	9.1800e-004	0.00
tblVehicleEF	SBUS	0.09	1.46
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.08	0.52
tblVehicleEF	SBUS	5.3770e-003	1.37
tblVehicleEF	SBUS	6.2320e-003	6.4220e-003
tblVehicleEF	SBUS	3.26	3.06
tblVehicleEF	SBUS	0.45	5.21
tblVehicleEF	SBUS	0.68	0.70
tblVehicleEF	SBUS	358.00	274.75
tblVehicleEF	SBUS	1,044.66	1,215.73
tblVehicleEF	SBUS	5.72	5.73
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.12	0.16
tblVehicleEF	SBUS	7.2910e-003	7.0520e-003
tblVehicleEF	SBUS	2.99	1.17
tblVehicleEF	SBUS	3.48	2.08
tblVehicleEF	SBUS	1.03	0.17
tblVehicleEF	SBUS	2.1200e-003	1.2130e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	5.2000e-005	5.1000e-005
tblVehicleEF	SBUS	2.0280e-003	1.1450e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6480e-003	2.5520e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.8000e-005	4.7000e-005
tblVehicleEF	SBUS	3.3660e-003	0.11
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.38	0.30
tblVehicleEF	SBUS	1.6680e-003	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4210e-003	1.4090e-003
tblVehicleEF	SBUS	0.01	6.8810e-003
tblVehicleEF	SBUS	3.3660e-003	0.11
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.54	0.90
tblVehicleEF	SBUS	1.6680e-003	0.00
tblVehicleEF	SBUS	0.09	1.46
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.08	0.52
tblVehicleEF	SBUS	5.3070e-003	1.37
tblVehicleEF	SBUS	7.7080e-003	7.8380e-003
tblVehicleEF	SBUS	3.33	3.08
tblVehicleEF	SBUS	0.44	5.20
tblVehicleEF	SBUS	0.99	0.99
tblVehicleEF	SBUS	342.08	267.61
tblVehicleEF	SBUS	1,044.65	1,215.71
tblVehicleEF	SBUS	6.23	6.22
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.12	0.16

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	7.6440e-003	7.3880e-003
tblVehicleEF	SBUS	2.86	1.10
tblVehicleEF	SBUS	3.67	2.18
tblVehicleEF	SBUS	1.04	0.18
tblVehicleEF	SBUS	3.0350e-003	1.5590e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	5.2000e-005	5.1000e-005
tblVehicleEF	SBUS	2.9040e-003	1.4760e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6480e-003	2.5520e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.8000e-005	4.7000e-005
tblVehicleEF	SBUS	1.5730e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.38	0.30
tblVehicleEF	SBUS	8.7600e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.04	0.05
tblVehicleEF	SBUS	3.2700e-003	1.3420e-003
tblVehicleEF	SBUS	0.01	6.8800e-003
tblVehicleEF	SBUS	1.5730e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.54	0.90
tblVehicleEF	SBUS	8.7600e-004	0.00
tblVehicleEF	SBUS	0.09	1.46
tblVehicleEF	SBUS	0.03	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	UBUS	3.37	0.93
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.16	16.52
tblVehicleEF	UBUS	1.43	2.81
tblVehicleEF	UBUS	1,573.14	1,771.10
tblVehicleEF	UBUS	16.61	27.14
tblVehicleEF	UBUS	0.23	0.25
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.8680e-003	6.6000e-004
tblVehicleEF	UBUS	2.1900e-004	1.9100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.7240e-003	6.1200e-004
tblVehicleEF	UBUS	2.0200e-004	1.7600e-004
tblVehicleEF	UBUS	1.2890e-003	0.07
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.7600e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.2920e-003	1.4470e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.4570e-003	5.5380e-003
tblVehicleEF	UBUS	1.6400e-004	2.6800e-004
tblVehicleEF	UBUS	1.2890e-003	0.07
tblVehicleEF	UBUS	0.01	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	7.7600e-004	0.00
tblVehicleEF	UBUS	3.44	0.96
tblVehicleEF	UBUS	1.2920e-003	1.4470e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleEF	UBUS	3.37	0.93
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	26.16	16.53
tblVehicleEF	UBUS	1.21	2.39
tblVehicleEF	UBUS	1,573.14	1,771.11
tblVehicleEF	UBUS	16.25	26.43
tblVehicleEF	UBUS	0.23	0.25
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.30	0.47
tblVehicleEF	UBUS	0.15	0.26
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.8680e-003	6.6000e-004
tblVehicleEF	UBUS	2.1900e-004	1.9100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.7240e-003	6.1200e-004
tblVehicleEF	UBUS	2.0200e-004	1.7600e-004
tblVehicleEF	UBUS	2.3010e-003	0.10
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.5600e-003	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.2540e-003	1.5060e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	4.4570e-003	5.5380e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.6100e-004	2.6100e-004
tblVehicleEF	UBUS	2.3010e-003	0.10
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.5600e-003	0.00
tblVehicleEF	UBUS	3.44	0.96
tblVehicleEF	UBUS	1.2540e-003	1.5060e-003
tblVehicleEF	UBUS	0.07	0.14
tblVehicleEF	UBUS	3.37	0.93
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.16	16.53
tblVehicleEF	UBUS	1.41	2.79
tblVehicleEF	UBUS	1,573.14	1,771.10
tblVehicleEF	UBUS	16.58	27.11
tblVehicleEF	UBUS	0.23	0.25
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.15	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.8680e-003	6.6000e-004
tblVehicleEF	UBUS	2.1900e-004	1.9100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.7240e-003	6.1200e-004
tblVehicleEF	UBUS	2.0200e-004	1.7600e-004
tblVehicleEF	UBUS	1.3330e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	8.1800e-004	0.00
tblVehicleEF	UBUS	0.05	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.4970e-003	1.4880e-003
tblVehicleEF	UBUS	0.07	0.14
tblVehicleEF	UBUS	4.4570e-003	5.5380e-003
tblVehicleEF	UBUS	1.6400e-004	2.6800e-004
tblVehicleEF	UBUS	1.3330e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	8.1800e-004	0.00
tblVehicleEF	UBUS	3.44	0.96
tblVehicleEF	UBUS	1.4970e-003	1.4880e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	ST_TR	616.12	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	8.19	38.57
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	SU_TR	472.58	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	5.95	38.57
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	WD_TR	470.95	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	8.36	38.57
tblVehicleTrips	WD_TR	37.75	0.00
tblWater	IndoorWaterUseRate	3,035,337.12	0.00
tblWater	IndoorWaterUseRate	4,553,005.69	0.00
tblWater	IndoorWaterUseRate	5,580,689.40	0.00
tblWater	IndoorWaterUseRate	1,851,813.04	26,393,965.98

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWater	OutdoorWaterUseRate	193,744.92	0.00
tblWater	OutdoorWaterUseRate	290,617.38	0.00
tblWater	OutdoorWaterUseRate	620,076.60	0.00
tblWater	OutdoorWaterUseRate	1,134,982.18	977,554.30

2.0 Emissions Summary

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2026	0.2861	2.3356	3.0142	7.6600e-003	0.5513	0.0876	0.6388	0.1903	0.0818	0.2721	0.0000	687.7772	687.7772	0.1015	0.0255	697.9117
2027	0.8758	0.8817	1.3051	3.2700e-003	0.1589	0.0326	0.1915	0.0428	0.0306	0.0734	0.0000	294.7017	294.7017	0.0362	0.0123	299.2660
Maximum	0.8758	2.3356	3.0142	7.6600e-003	0.5513	0.0876	0.6388	0.1903	0.0818	0.2721	0.0000	687.7772	687.7772	0.1015	0.0255	697.9117

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					
2026	0.2861	2.3356	3.0142	7.6600e-003	0.3833	0.0876	0.4709	0.1202	0.0818	0.2020	0.0000	687.7768	687.7768	0.1015	0.0255	697.9112
2027	0.8758	0.8817	1.3051	3.2700e-003	0.1469	0.0326	0.1795	0.0399	0.0306	0.0705	0.0000	294.7015	294.7015	0.0362	0.0123	299.2658
Maximum	0.8758	2.3356	3.0142	7.6600e-003	0.3833	0.0876	0.4709	0.1202	0.0818	0.2020	0.0000	687.7768	687.7768	0.1015	0.0255	697.9112

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	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	25.34	0.00	21.67	31.33	0.00	21.13	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	1-1-2026	3-31-2026	0.8551	0.8551
2	4-1-2026	6-30-2026	0.5809	0.5809
3	7-1-2026	9-30-2026	0.5873	0.5873
4	10-1-2026	12-31-2026	0.5920	0.5920
5	1-1-2027	3-31-2027	0.5759	0.5759
6	4-1-2027	6-30-2027	0.8016	0.8016
7	7-1-2027	9-30-2027	0.3830	0.3830
		Highest	0.8551	0.8551

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Energy	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	1,276.7559	1,276.7559	0.0631	0.0186	1,283.8785
Mobile	4.2259	4.5843	32.4685	0.5263	9.3705	0.4838	9.8543	2.9724	0.5036	3.4760	0.0000	9,684.3637	9,684.3637	0.7165	0.8086	9,943.2369
Waste						0.0000	0.0000		0.0000	0.0000	89.3952	0.0000	89.3952	5.2831	0.0000	221.4728
Water						0.0000	0.0000		0.0000	0.0000	8.3736	62.8755	71.2491	0.8654	0.0210	99.1263
Total	4.9388	5.2127	33.0048	0.5300	9.3705	0.5316	9.9021	2.9724	0.5514	3.5238	97.7688	11,024.0117	11,121.7805	6.9281	0.8481	11,547.7322

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Energy	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	1,276.7559	1,276.7559	0.0631	0.0186	1,283.8785
Mobile	4.2259	4.5843	32.4685	0.5263	9.3705	0.4838	9.8543	2.9724	0.5036	3.4760	0.0000	9,684.3637	9,684.3637	0.7165	0.8086	9,943.2369
Waste						0.0000	0.0000		0.0000	0.0000	89.3952	0.0000	89.3952	5.2831	0.0000	221.4728
Water						0.0000	0.0000		0.0000	0.0000	8.3736	62.8755	71.2491	0.8654	0.0210	99.1263
Total	4.9388	5.2127	33.0048	0.5300	9.3705	0.5316	9.9021	2.9724	0.5514	3.5238	97.7688	11,024.0117	11,121.7805	6.9281	0.8481	11,547.7322

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2026	1/28/2026	5	20	
2	Site Preparation	Site Preparation	1/29/2026	2/11/2026	5	10	
3	Grading	Grading	2/12/2026	3/25/2026	5	30	

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	3/26/2026	5/19/2027	5	300
5	Paving	Paving	5/20/2027	6/16/2027	5	20
6	Architectural Coating	Architectural Coating	6/17/2027	7/14/2027	5	20

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 9.18

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 225,000; Non-Residential Outdoor: 75,000; Striped Parking Area: 23,988 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	228.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	46.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0209	0.1920	0.1942	3.9000e-004		8.5300e-003	8.5300e-003		7.9200e-003	7.9200e-003	0.0000	33.9977	33.9977	9.4900e-003	0.0000	34.2350
Total	0.0209	0.1920	0.1942	3.9000e-004	0.0000	8.5300e-003	8.5300e-003	0.0000	7.9200e-003	7.9200e-003	0.0000	33.9977	33.9977	9.4900e-003	0.0000	34.2350

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451
Total	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0209	0.1920	0.1942	3.9000e-004		8.5300e-003	8.5300e-003		7.9200e-003	7.9200e-003	0.0000	33.9976	33.9976	9.4900e-003	0.0000	34.2349
Total	0.0209	0.1920	0.1942	3.9000e-004	0.0000	8.5300e-003	8.5300e-003	0.0000	7.9200e-003	7.9200e-003	0.0000	33.9976	33.9976	9.4900e-003	0.0000	34.2349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451
Total	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e-004		5.4300e-003	5.4300e-003		5.0000e-003	5.0000e-003	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e-004	0.0983	5.4300e-003	0.1037	0.0505	5.0000e-003	0.0555	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.9000e-004	0.0000	9.9000e-004	2.6000e-004	0.0000	2.7000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870
Total	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.9000e-004	0.0000	9.9000e-004	2.6000e-004	0.0000	2.7000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0383	0.0000	0.0383	0.0197	0.0000	0.0197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e-004		5.4300e-003	5.4300e-003		5.0000e-003	5.0000e-003	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e-004	0.0383	5.4300e-003	0.0438	0.0197	5.0000e-003	0.0247	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.1000e-004	0.0000	9.2000e-004	2.4000e-004	0.0000	2.5000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870
Total	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.1000e-004	0.0000	9.2000e-004	2.4000e-004	0.0000	2.5000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e-004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204
Total	0.0435	0.4191	0.3950	9.3000e-004	0.1381	0.0170	0.1550	0.0548	0.0156	0.0704	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.3000e-003	1.0000e-005	3.3100e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901
Total	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.3000e-003	1.0000e-005	3.3100e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0538	0.0000	0.0538	0.0214	0.0000	0.0214	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e-004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203
Total	0.0435	0.4191	0.3950	9.3000e-004	0.0538	0.0170	0.0708	0.0214	0.0156	0.0370	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.0400e-003	1.0000e-005	3.0500e-003	8.1000e-004	1.0000e-005	8.2000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901
Total	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.0400e-003	1.0000e-005	3.0500e-003	8.1000e-004	1.0000e-005	8.2000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1374	1.2532	1.6165	2.7100e-003		0.0530	0.0530		0.0499	0.0499	0.0000	233.0791	233.0791	0.0548	0.0000	234.4488
Total	0.1374	1.2532	1.6165	2.7100e-003		0.0530	0.0530		0.0499	0.0499	0.0000	233.0791	233.0791	0.0548	0.0000	234.4488

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.4100e-003	0.3045	0.1196	1.5000e-003	0.0571	2.5500e-003	0.0597	0.0165	2.4400e-003	0.0189	0.0000	144.5204	144.5204	1.7100e-003	0.0213	150.8962
Worker	0.0610	0.0397	0.5855	1.8900e-003	0.2519	1.0300e-003	0.2529	0.0669	9.4000e-004	0.0678	0.0000	173.5963	173.5963	3.5600e-003	4.1400e-003	174.9203
Total	0.0704	0.3442	0.7051	3.3900e-003	0.3090	3.5800e-003	0.3126	0.0834	3.3800e-003	0.0868	0.0000	318.1167	318.1167	5.2700e-003	0.0254	325.8165

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1374	1.2532	1.6165	2.7100e-003		0.0530	0.0530		0.0499	0.0499	0.0000	233.0788	233.0788	0.0548	0.0000	234.4485
Total	0.1374	1.2532	1.6165	2.7100e-003		0.0530	0.0530		0.0499	0.0499	0.0000	233.0788	233.0788	0.0548	0.0000	234.4485

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.4100e-003	0.3045	0.1196	1.5000e-003	0.0535	2.5500e-003	0.0561	0.0156	2.4400e-003	0.0180	0.0000	144.5204	144.5204	1.7100e-003	0.0213	150.8962
Worker	0.0610	0.0397	0.5855	1.8900e-003	0.2322	1.0300e-003	0.2332	0.0621	9.4000e-004	0.0630	0.0000	173.5963	173.5963	3.5600e-003	4.1400e-003	174.9203
Total	0.0704	0.3442	0.7051	3.3900e-003	0.2857	3.5800e-003	0.2893	0.0776	3.3800e-003	0.0810	0.0000	318.1167	318.1167	5.2700e-003	0.0254	325.8165

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0677	0.6173	0.7962	1.3300e-003		0.0261	0.0261		0.0246	0.0246	0.0000	114.8001	114.8001	0.0270	0.0000	115.4748
Total	0.0677	0.6173	0.7962	1.3300e-003		0.0261	0.0261		0.0246	0.0246	0.0000	114.8001	114.8001	0.0270	0.0000	115.4748

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5900e-003	0.1484	0.0585	7.2000e-004	0.0281	1.2500e-003	0.0294	8.1200e-003	1.2000e-003	9.3100e-003	0.0000	69.7945	69.7945	8.7000e-004	0.0103	72.8694
Worker	0.0283	0.0178	0.2719	9.1000e-004	0.1241	4.7000e-004	0.1245	0.0329	4.4000e-004	0.0334	0.0000	83.0460	83.0460	1.6000e-003	1.9300e-003	83.6620
Total	0.0329	0.1663	0.3303	1.6300e-003	0.1522	1.7200e-003	0.1539	0.0411	1.6400e-003	0.0427	0.0000	152.8404	152.8404	2.4700e-003	0.0122	156.5314

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3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0677	0.6173	0.7962	1.3300e-003		0.0261	0.0261		0.0246	0.0246	0.0000	114.8000	114.8000	0.0270	0.0000	115.4746
Total	0.0677	0.6173	0.7962	1.3300e-003		0.0261	0.0261		0.0246	0.0246	0.0000	114.8000	114.8000	0.0270	0.0000	115.4746

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5900e-003	0.1484	0.0585	7.2000e-004	0.0264	1.2500e-003	0.0276	7.6800e-003	1.2000e-003	8.8700e-003	0.0000	69.7945	69.7945	8.7000e-004	0.0103	72.8694
Worker	0.0283	0.0178	0.2719	9.1000e-004	0.1144	4.7000e-004	0.1148	0.0306	4.4000e-004	0.0310	0.0000	83.0460	83.0460	1.6000e-003	1.9300e-003	83.6620
Total	0.0329	0.1663	0.3303	1.6300e-003	0.1407	1.7200e-003	0.1424	0.0382	1.6400e-003	0.0399	0.0000	152.8404	152.8404	2.4700e-003	0.0122	156.5314

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3.6 Paving - 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	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	0.0120					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0212	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119
Total	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119

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3.6 Paving - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	0.0120					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0212	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119
Total	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 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					
Archit. Coating	0.7508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	0.7526	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	5.0600e-003	2.0000e-005	5.0800e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099
Total	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	5.0600e-003	2.0000e-005	5.0800e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099

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3.7 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	0.7526	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	4.6600e-003	2.0000e-005	4.6800e-003	1.2500e-003	2.0000e-005	1.2600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099
Total	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	4.6600e-003	2.0000e-005	4.6800e-003	1.2500e-003	2.0000e-005	1.2600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.2259	4.5843	32.4685	0.5263	9.3705	0.4838	9.8543	2.9724	0.5036	3.4760	0.0000	9,684.3637	9,684.3637	0.7165	0.8086	9,943.2369
Unmitigated	4.2259	4.5843	32.4685	0.5263	9.3705	0.4838	9.8543	2.9724	0.5036	3.4760	0.0000	9,684.3637	9,684.3637	0.7165	0.8086	9,943.2369

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Fast Food Restaurant with Drive Thru High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Hotel	8,485.00	8,485.00	8485.00	29,976,752	29,976,752
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Total	8,485.00	8,485.00	8,485.00	29,976,752	29,976,752

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
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant with Drive Thru	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
High Turnover (Sit Down Restaurant)	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
Hotel	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
Parking Lot	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
Regional Shopping Center	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	592.7653	592.7653	0.0500	6.0600e-003	595.8233
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	592.7653	592.7653	0.0500	6.0600e-003	595.8233
NaturalGas Mitigated	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552
NaturalGas Unmitigated	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
High Turnover (Sit Down Restaurant)	4.0899e+006	0.0221	0.2005	0.1684	1.2000e-003		0.0152	0.0152		0.0152	0.0152	0.0000	218.2526	218.2526	4.1800e-003	4.0000e-003	219.5496
Hotel	5.946e+006	0.0321	0.2915	0.2448	1.7500e-003		0.0222	0.0222		0.0222	0.0222	0.0000	317.3012	317.3012	6.0800e-003	5.8200e-003	319.1868
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	55000	3.0000e-004	2.7000e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.9350	2.9350	6.0000e-005	5.0000e-005	2.9525
Total		0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
High Turnover (Sit Down Restaurant)	4.0899e+006	0.0221	0.2005	0.1684	1.2000e-003		0.0152	0.0152		0.0152	0.0152	0.0000	218.2526	218.2526	4.1800e-003	4.0000e-003	219.5496
Hotel	5.946e+006	0.0321	0.2915	0.2448	1.7500e-003		0.0222	0.0222		0.0222	0.0222	0.0000	317.3012	317.3012	6.0800e-003	5.8200e-003	319.1868
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	55000	3.0000e-004	2.7000e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.9350	2.9350	6.0000e-005	5.0000e-005	2.9525
Total		0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	461600	81.8627	6.9100e-003	8.4000e-004	82.2850
High Turnover (Sit Down Restaurant)	692400	122.7941	0.0104	1.2600e-003	123.4275
Hotel	1.745e+006	309.4680	0.0261	3.1700e-003	311.0645
Parking Lot	139931	24.8162	2.0900e-003	2.5000e-004	24.9442
Regional Shopping Center	303500	53.8244	4.5400e-003	5.5000e-004	54.1020
Total		592.7653	0.0500	6.0700e-003	595.8233

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	461600	81.8627	6.9100e-003	8.4000e-004	82.2850
High Turnover (Sit Down Restaurant)	692400	122.7941	0.0104	1.2600e-003	123.4275
Hotel	1.745e+006	309.4680	0.0261	3.1700e-003	311.0645
Parking Lot	139931	24.8162	2.0900e-003	2.5000e-004	24.9442
Regional Shopping Center	303500	53.8244	4.5400e-003	5.5000e-004	54.1020
Total		592.7653	0.0500	6.0700e-003	595.8233

6.0 Area Detail

6.1 Mitigation Measures Area

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Unmitigated	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0751					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.9000e-004	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Total	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0751					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.9000e-004	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Total	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177

7.0 Water Detail

7.1 Mitigation Measures Water

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71.2491	0.8654	0.0210	99.1263
Unmitigated	71.2491	0.8654	0.0210	99.1263

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.394 / 0.977554	71.2491	0.8654	0.0210	99.1263
Total		71.2491	0.8654	0.0210	99.1263

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.394 / 0.977554	71.2491	0.8654	0.0210	99.1263
Total		71.2491	0.8654	0.0210	99.1263

8.0 Waste Detail

8.1 Mitigation Measures Waste

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	89.3952	5.2831	0.0000	221.4728
Unmitigated	89.3952	5.2831	0.0000	221.4728

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	115.19	23.3825	1.3819	0.0000	57.9292
High Turnover (Sit Down Restaurant)	178.5	36.2339	2.1414	0.0000	89.7679
Hotel	120.45	24.4503	1.4450	0.0000	60.5745
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.25	5.3285	0.3149	0.0000	13.2012
Total		89.3952	5.2831	0.0000	221.4728

Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	115.19	23.3825	1.3819	0.0000	57.9292
High Turnover (Sit Down Restaurant)	178.5	36.2339	2.1414	0.0000	89.7679
Hotel	120.45	24.4503	1.4450	0.0000	60.5745
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.25	5.3285	0.3149	0.0000	13.2012
Total		89.3952	5.2831	0.0000	221.4728

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
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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Summit Station - Phase 2 (Unmitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - Phase 2 (Mitigated)

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	399.80	1000sqft	9.18	399,804.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
High Turnover (Sit Down Restaurant)	15.00	1000sqft	0.34	15,000.00	0
Hotel	220.00	Room	0.57	100,000.00	0
Regional Shopping Center	25.00	1000sqft	0.57	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting

Land Use - Phase 2: FF restaurant 10 ksf, sitdown restaurant 15 ksf, hotel 0.57 ac, parking includes stalls,drive aisles, circulation 399.804 ksf

Construction Phase - anticipated construction schedule

Trips and VMT -

Demolition -

Grading -

Architectural Coating - mitigation requires low VOC paint 10g/L

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Per Traffic Study, vehicle trips listed under Hotel 8485/220 rooms = 38.56818181

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2027

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2027

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2027

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products -

Area Coating -

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, Mitigation requires Tier 4 equipment

Mobile Commute Mitigation - Mitigation requires TDM

Area Mitigation - mitigation requires low voc paint 10g/L, all landscape equipment must be electric

Energy Mitigation - Mitigation requires CalGreen Tier 2

Water Mitigation -

Waste Mitigation - mitigation requires diversion of 75% waste from landfills

Operational Off-Road Equipment -

Fleet Mix - default fleetmix for retail

Water And Wastewater - Water consumption per WSA. Phase 2 = 81 AFY indoor, 3 AFY outdoor. Total phase 2 water use combined under regional shopping

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblArchitecturalCoating	EF_Parking	100.00	10.00
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	100	10
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblAreaMitigation	UseLowVOCPaintParkingValue	100	10
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblLandUse	LandUseSquareFeet	399,800.00	399,804.00
tblLandUse	LandUseSquareFeet	319,440.00	100,000.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblLandUse	LotAcreage	7.33	0.57
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.33	5.02
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	2.2540e-003	1.7670e-003
tblVehicleEF	HHD	1,278.76	758.55
tblVehicleEF	HHD	1,158.97	1,470.93
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.20	0.12
tblVehicleEF	HHD	0.18	0.23
tblVehicleEF	HHD	1.0000e-006	4.0000e-006
tblVehicleEF	HHD	6.73	3.95
tblVehicleEF	HHD	1.85	1.41
tblVehicleEF	HHD	2.39	2.74
tblVehicleEF	HHD	2.5940e-003	1.7920e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	2.4820e-003	1.7090e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.7840e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	1.0000e-006	9.2000e-005
tblVehicleEF	HHD	3.1000e-005	2.3000e-005
tblVehicleEF	HHD	0.56	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1.2000e-005	2.4000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	6.8800e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	9.2000e-005
tblVehicleEF	HHD	3.1000e-005	2.3000e-005
tblVehicleEF	HHD	0.64	0.47
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.2000e-005	2.4000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.22	4.95
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	2.1410e-003	1.6680e-003
tblVehicleEF	HHD	1,262.35	749.58
tblVehicleEF	HHD	1,158.97	1,470.93
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.20	0.12
tblVehicleEF	HHD	0.18	0.23
tblVehicleEF	HHD	1.0000e-006	4.0000e-006
tblVehicleEF	HHD	6.40	3.76
tblVehicleEF	HHD	1.75	1.33
tblVehicleEF	HHD	2.39	2.74
tblVehicleEF	HHD	2.2960e-003	1.5920e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	2.1970e-003	1.5190e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.7840e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	2.0000e-006	1.2900e-004
tblVehicleEF	HHD	3.5000e-005	2.6000e-005
tblVehicleEF	HHD	0.60	0.35
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.2000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	6.7950e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	1.2900e-004
tblVehicleEF	HHD	3.5000e-005	2.6000e-005
tblVehicleEF	HHD	0.68	0.49
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.2000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.48	5.11
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	2.2600e-003	1.7480e-003
tblVehicleEF	HHD	1,301.42	770.92
tblVehicleEF	HHD	1,158.97	1,470.93
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.20	0.12

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.18	0.23
tblVehicleEF	HHD	1.0000e-006	4.0000e-006
tblVehicleEF	HHD	7.19	4.20
tblVehicleEF	HHD	1.84	1.39
tblVehicleEF	HHD	2.39	2.74
tblVehicleEF	HHD	3.0050e-003	2.0670e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	2.8750e-003	1.9730e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8890e-003	8.7840e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	1.0000e-006	9.4000e-005
tblVehicleEF	HHD	3.4000e-005	2.3000e-005
tblVehicleEF	HHD	0.52	0.30
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.3000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	6.9970e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	9.4000e-005
tblVehicleEF	HHD	3.4000e-005	2.3000e-005
tblVehicleEF	HHD	0.59	0.44
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	1.3000e-005	2.5000e-005
tblVehicleEF	HHD	1.0000e-006	0.00

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tblVehicleEF	LDA	1.2650e-003	1.6640e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.47	0.60
tblVehicleEF	LDA	1.72	2.30
tblVehicleEF	LDA	220.57	248.77
tblVehicleEF	LDA	45.42	61.59
tblVehicleEF	LDA	3.4380e-003	3.6890e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.13	0.20
tblVehicleEF	LDA	0.04	6.6970e-003
tblVehicleEF	LDA	1.0740e-003	1.0760e-003
tblVehicleEF	LDA	1.4910e-003	1.7780e-003
tblVehicleEF	LDA	0.02	2.3440e-003
tblVehicleEF	LDA	9.8900e-004	9.9000e-004
tblVehicleEF	LDA	1.3710e-003	1.6350e-003
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	4.3820e-003	5.8670e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.14	0.23
tblVehicleEF	LDA	2.1820e-003	2.4590e-003
tblVehicleEF	LDA	4.4900e-004	6.0900e-004
tblVehicleEF	LDA	0.05	0.28
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.3700e-003	8.5510e-003
tblVehicleEF	LDA	0.02	0.02

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tblVehicleEF	LDA	0.15	0.25
tblVehicleEF	LDA	1.4420e-003	1.7680e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.57	0.80
tblVehicleEF	LDA	1.52	1.93
tblVehicleEF	LDA	239.69	269.42
tblVehicleEF	LDA	45.04	60.89
tblVehicleEF	LDA	3.2780e-003	3.2820e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.18
tblVehicleEF	LDA	0.04	6.6970e-003
tblVehicleEF	LDA	1.0740e-003	1.0760e-003
tblVehicleEF	LDA	1.4910e-003	1.7780e-003
tblVehicleEF	LDA	0.02	2.3440e-003
tblVehicleEF	LDA	9.8900e-004	9.9000e-004
tblVehicleEF	LDA	1.3710e-003	1.6350e-003
tblVehicleEF	LDA	0.09	0.36
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	4.9420e-003	6.1520e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.12	0.20
tblVehicleEF	LDA	2.3710e-003	2.6630e-003
tblVehicleEF	LDA	4.4600e-004	6.0200e-004
tblVehicleEF	LDA	0.09	0.36
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	7.1870e-003	8.9660e-003

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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.21
tblVehicleEF	LDA	1.2210e-003	1.6530e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.44	0.56
tblVehicleEF	LDA	1.75	2.28
tblVehicleEF	LDA	215.36	245.28
tblVehicleEF	LDA	45.47	61.56
tblVehicleEF	LDA	3.3360e-003	3.5850e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.13	0.19
tblVehicleEF	LDA	0.04	6.6970e-003
tblVehicleEF	LDA	1.0740e-003	1.0760e-003
tblVehicleEF	LDA	1.4910e-003	1.7780e-003
tblVehicleEF	LDA	0.02	2.3440e-003
tblVehicleEF	LDA	9.8900e-004	9.9000e-004
tblVehicleEF	LDA	1.3710e-003	1.6350e-003
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	4.2360e-003	5.8280e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.14	0.23
tblVehicleEF	LDA	2.1300e-003	2.4250e-003
tblVehicleEF	LDA	4.5000e-004	6.0900e-004
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.03	0.00

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tblVehicleEF	LDA	6.1570e-003	8.4940e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.15	0.25
tblVehicleEF	LDT1	3.4740e-003	6.8000e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.85	1.53
tblVehicleEF	LDT1	1.89	4.93
tblVehicleEF	LDT1	266.26	323.06
tblVehicleEF	LDT1	55.59	83.67
tblVehicleEF	LDT1	5.5920e-003	0.01
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.14
tblVehicleEF	LDT1	0.19	0.38
tblVehicleEF	LDT1	0.04	8.3480e-003
tblVehicleEF	LDT1	1.4100e-003	1.8260e-003
tblVehicleEF	LDT1	1.9180e-003	2.8450e-003
tblVehicleEF	LDT1	0.02	2.9220e-003
tblVehicleEF	LDT1	1.2970e-003	1.6800e-003
tblVehicleEF	LDT1	1.7630e-003	2.6160e-003
tblVehicleEF	LDT1	0.13	0.77
tblVehicleEF	LDT1	0.16	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.01	0.03
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.23	0.52
tblVehicleEF	LDT1	2.6350e-003	3.1940e-003
tblVehicleEF	LDT1	5.5000e-004	8.2700e-004
tblVehicleEF	LDT1	0.13	0.77
tblVehicleEF	LDT1	0.16	0.19

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tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.25	0.57
tblVehicleEF	LDT1	3.9290e-003	7.2000e-003
tblVehicleEF	LDT1	0.04	0.09
tblVehicleEF	LDT1	1.04	2.03
tblVehicleEF	LDT1	1.68	4.09
tblVehicleEF	LDT1	286.63	347.51
tblVehicleEF	LDT1	55.16	82.09
tblVehicleEF	LDT1	5.3220e-003	8.9680e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.12
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	0.04	8.3480e-003
tblVehicleEF	LDT1	1.4100e-003	1.8260e-003
tblVehicleEF	LDT1	1.9180e-003	2.8450e-003
tblVehicleEF	LDT1	0.02	2.9220e-003
tblVehicleEF	LDT1	1.2970e-003	1.6800e-003
tblVehicleEF	LDT1	1.7630e-003	2.6160e-003
tblVehicleEF	LDT1	0.25	0.98
tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.20	0.45
tblVehicleEF	LDT1	2.8360e-003	3.4350e-003
tblVehicleEF	LDT1	5.4600e-004	8.1200e-004
tblVehicleEF	LDT1	0.25	0.98

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tblVehicleEF	LDT1	0.20	0.20
tblVehicleEF	LDT1	0.18	0.00
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.22	0.49
tblVehicleEF	LDT1	3.3390e-003	6.7560e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.80	1.44
tblVehicleEF	LDT1	1.94	4.89
tblVehicleEF	LDT1	260.03	318.93
tblVehicleEF	LDT1	55.68	83.61
tblVehicleEF	LDT1	5.4470e-003	9.7820e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	0.19	0.38
tblVehicleEF	LDT1	0.04	8.3480e-003
tblVehicleEF	LDT1	1.4100e-003	1.8260e-003
tblVehicleEF	LDT1	1.9180e-003	2.8450e-003
tblVehicleEF	LDT1	0.02	2.9220e-003
tblVehicleEF	LDT1	1.2970e-003	1.6800e-003
tblVehicleEF	LDT1	1.7630e-003	2.6160e-003
tblVehicleEF	LDT1	0.11	0.77
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.01	0.03
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.23	0.52
tblVehicleEF	LDT1	2.5730e-003	3.1530e-003
tblVehicleEF	LDT1	5.5100e-004	8.2700e-004

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tblVehicleEF	LDT1	0.11	0.77
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.26	0.57
tblVehicleEF	LDT2	2.2830e-003	2.2960e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.66	0.73
tblVehicleEF	LDT2	2.21	2.82
tblVehicleEF	LDT2	273.20	324.73
tblVehicleEF	LDT2	57.31	80.44
tblVehicleEF	LDT2	4.6720e-003	5.0530e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.18	0.26
tblVehicleEF	LDT2	0.04	7.9240e-003
tblVehicleEF	LDT2	1.1580e-003	1.1390e-003
tblVehicleEF	LDT2	1.5500e-003	1.8500e-003
tblVehicleEF	LDT2	0.02	2.7730e-003
tblVehicleEF	LDT2	1.0660e-003	1.0480e-003
tblVehicleEF	LDT2	1.4250e-003	1.7010e-003
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	0.10	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	8.7100e-003	8.4710e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.20	0.29
tblVehicleEF	LDT2	2.7030e-003	3.2100e-003

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tblVehicleEF	LDT2	5.6700e-004	7.9500e-004
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	0.10	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.22	0.31
tblVehicleEF	LDT2	2.5980e-003	2.4380e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.80	0.97
tblVehicleEF	LDT2	1.96	2.36
tblVehicleEF	LDT2	292.13	346.62
tblVehicleEF	LDT2	56.83	79.57
tblVehicleEF	LDT2	4.4680e-003	4.5080e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.18	0.24
tblVehicleEF	LDT2	0.04	7.9240e-003
tblVehicleEF	LDT2	1.1580e-003	1.1390e-003
tblVehicleEF	LDT2	1.5500e-003	1.8500e-003
tblVehicleEF	LDT2	0.02	2.7730e-003
tblVehicleEF	LDT2	1.0660e-003	1.0480e-003
tblVehicleEF	LDT2	1.4250e-003	1.7010e-003
tblVehicleEF	LDT2	0.17	0.37
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	9.8370e-003	8.8820e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.18	0.25

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tblVehicleEF	LDT2	2.8900e-003	3.4260e-003
tblVehicleEF	LDT2	5.6200e-004	7.8700e-004
tblVehicleEF	LDT2	0.17	0.37
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.13	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.19	0.27
tblVehicleEF	LDT2	2.1900e-003	2.2810e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.61	0.69
tblVehicleEF	LDT2	2.27	2.80
tblVehicleEF	LDT2	267.41	321.04
tblVehicleEF	LDT2	57.42	80.41
tblVehicleEF	LDT2	4.5510e-003	4.9130e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.19	0.26
tblVehicleEF	LDT2	0.04	7.9240e-003
tblVehicleEF	LDT2	1.1580e-003	1.1390e-003
tblVehicleEF	LDT2	1.5500e-003	1.8500e-003
tblVehicleEF	LDT2	0.02	2.7730e-003
tblVehicleEF	LDT2	1.0660e-003	1.0480e-003
tblVehicleEF	LDT2	1.4250e-003	1.7010e-003
tblVehicleEF	LDT2	0.07	0.30
tblVehicleEF	LDT2	0.11	0.07
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	8.3640e-003	8.4140e-003
tblVehicleEF	LDT2	0.05	0.02

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tblVehicleEF	LDT2	0.21	0.29
tblVehicleEF	LDT2	2.6450e-003	3.1730e-003
tblVehicleEF	LDT2	5.6800e-004	7.9500e-004
tblVehicleEF	LDT2	0.07	0.30
tblVehicleEF	LDT2	0.11	0.07
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.23	0.31
tblVehicleEF	LHD1	4.1810e-003	4.4020e-003
tblVehicleEF	LHD1	2.9780e-003	1.7220e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.40	0.46
tblVehicleEF	LHD1	0.82	1.75
tblVehicleEF	LHD1	8.90	8.79
tblVehicleEF	LHD1	584.36	308.95
tblVehicleEF	LHD1	9.56	14.58
tblVehicleEF	LHD1	8.5900e-004	7.8800e-004
tblVehicleEF	LHD1	0.04	3.7550e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.83	0.06
tblVehicleEF	LHD1	0.24	0.34
tblVehicleEF	LHD1	1.0140e-003	8.9100e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	4.4920e-003
tblVehicleEF	LHD1	7.6190e-003	6.0400e-004
tblVehicleEF	LHD1	1.9400e-004	1.5100e-004

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tblVehicleEF	LHD1	9.7000e-004	8.5300e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5110e-003	1.1230e-003
tblVehicleEF	LHD1	7.2710e-003	5.5500e-004
tblVehicleEF	LHD1	1.7900e-004	1.3900e-004
tblVehicleEF	LHD1	2.3690e-003	0.11
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2300e-003	0.00
tblVehicleEF	LHD1	0.04	8.2470e-003
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	8.6000e-005	8.5000e-005
tblVehicleEF	LHD1	5.6820e-003	3.0540e-003
tblVehicleEF	LHD1	9.5000e-005	1.4400e-004
tblVehicleEF	LHD1	2.3690e-003	0.11
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.2300e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.17	0.05
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	4.1910e-003	4.4180e-003
tblVehicleEF	LHD1	3.0150e-003	1.9210e-003
tblVehicleEF	LHD1	9.9380e-003	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.40	0.13
tblVehicleEF	LHD1	0.78	1.66
tblVehicleEF	LHD1	8.90	8.79

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tblVehicleEF	LHD1	584.36	212.29
tblVehicleEF	LHD1	9.49	14.43
tblVehicleEF	LHD1	8.6100e-004	7.9000e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.78	0.60
tblVehicleEF	LHD1	0.23	0.33
tblVehicleEF	LHD1	1.0140e-003	8.9100e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.4720e-003
tblVehicleEF	LHD1	7.6190e-003	0.01
tblVehicleEF	LHD1	1.9400e-004	1.5100e-004
tblVehicleEF	LHD1	9.7000e-004	8.5300e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5110e-003	1.3680e-003
tblVehicleEF	LHD1	7.2710e-003	0.01
tblVehicleEF	LHD1	1.7900e-004	1.3900e-004
tblVehicleEF	LHD1	4.4070e-003	0.14
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2980e-003	0.00
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.17	0.06
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	8.6000e-005	8.5000e-005
tblVehicleEF	LHD1	5.6820e-003	2.0120e-003
tblVehicleEF	LHD1	9.4000e-005	1.4300e-004
tblVehicleEF	LHD1	4.4070e-003	0.14

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tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2980e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.17	0.06
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	4.1800e-003	4.4050e-003
tblVehicleEF	LHD1	2.9750e-003	1.9210e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.40	0.13
tblVehicleEF	LHD1	0.82	1.73
tblVehicleEF	LHD1	8.90	8.79
tblVehicleEF	LHD1	584.36	212.29
tblVehicleEF	LHD1	9.56	14.56
tblVehicleEF	LHD1	8.5900e-004	7.8900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.82	0.63
tblVehicleEF	LHD1	0.24	0.33
tblVehicleEF	LHD1	1.0140e-003	8.9100e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.4720e-003
tblVehicleEF	LHD1	7.6190e-003	0.01
tblVehicleEF	LHD1	1.9400e-004	1.5100e-004
tblVehicleEF	LHD1	9.7000e-004	8.5300e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5110e-003	1.3680e-003

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tblVehicleEF	LHD1	7.2710e-003	0.01
tblVehicleEF	LHD1	1.7900e-004	1.3900e-004
tblVehicleEF	LHD1	2.0380e-003	0.11
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.1150e-003	0.00
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	8.6000e-005	8.5000e-005
tblVehicleEF	LHD1	5.6820e-003	2.0120e-003
tblVehicleEF	LHD1	9.5000e-005	1.4400e-004
tblVehicleEF	LHD1	2.0380e-003	0.11
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.1150e-003	0.00
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.18	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD2	2.6940e-003	2.4330e-003
tblVehicleEF	LHD2	2.4180e-003	4.7400e-004
tblVehicleEF	LHD2	6.0740e-003	8.5990e-003
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.31	0.16
tblVehicleEF	LHD2	0.46	0.86
tblVehicleEF	LHD2	14.06	14.28
tblVehicleEF	LHD2	584.07	167.47
tblVehicleEF	LHD2	6.49	7.30
tblVehicleEF	LHD2	1.8270e-003	1.8850e-003

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tblVehicleEF	LHD2	0.06	1.7640e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.94	0.03
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	1.4930e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.02
tblVehicleEF	LHD2	0.01	2.2260e-003
tblVehicleEF	LHD2	0.01	2.5400e-004
tblVehicleEF	LHD2	9.7000e-005	5.7000e-005
tblVehicleEF	LHD2	1.4290e-003	1.4480e-003
tblVehicleEF	LHD2	0.04	8.5000e-003
tblVehicleEF	LHD2	2.7200e-003	5.5600e-004
tblVehicleEF	LHD2	0.01	2.3300e-004
tblVehicleEF	LHD2	8.9000e-005	5.3000e-005
tblVehicleEF	LHD2	1.2560e-003	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.8800e-004	0.00
tblVehicleEF	LHD2	0.04	2.0420e-003
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	1.3400e-004	1.3600e-004
tblVehicleEF	LHD2	5.6260e-003	1.6560e-003
tblVehicleEF	LHD2	6.4000e-005	7.2000e-005
tblVehicleEF	LHD2	1.2560e-003	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8800e-004	0.00

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tblVehicleEF	LHD2	0.05	2.9800e-003
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	2.7010e-003	2.4420e-003
tblVehicleEF	LHD2	2.4310e-003	2.8980e-003
tblVehicleEF	LHD2	5.8700e-003	8.2760e-003
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.32	0.16
tblVehicleEF	LHD2	0.44	0.82
tblVehicleEF	LHD2	14.06	14.28
tblVehicleEF	LHD2	584.07	416.89
tblVehicleEF	LHD2	6.46	7.22
tblVehicleEF	LHD2	1.8280e-003	1.8860e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	0.88	0.79
tblVehicleEF	LHD2	0.14	0.17
tblVehicleEF	LHD2	1.4930e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8430e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.7000e-005	5.7000e-005
tblVehicleEF	LHD2	1.4290e-003	1.4480e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7200e-003	2.2110e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.9000e-005	5.3000e-005
tblVehicleEF	LHD2	2.3590e-003	0.06

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tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.2710e-003	0.00
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	1.3400e-004	1.3600e-004
tblVehicleEF	LHD2	5.6260e-003	3.9500e-003
tblVehicleEF	LHD2	6.4000e-005	7.1000e-005
tblVehicleEF	LHD2	2.3590e-003	0.06
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2710e-003	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.07	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	2.6930e-003	2.4350e-003
tblVehicleEF	LHD2	2.4140e-003	2.8980e-003
tblVehicleEF	LHD2	6.1170e-003	8.5440e-003
tblVehicleEF	LHD2	0.13	0.12
tblVehicleEF	LHD2	0.31	0.16
tblVehicleEF	LHD2	0.47	0.85
tblVehicleEF	LHD2	14.06	14.28
tblVehicleEF	LHD2	584.07	416.89
tblVehicleEF	LHD2	6.50	7.28
tblVehicleEF	LHD2	1.8270e-003	1.8860e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.10	0.11

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tblVehicleEF	LHD2	0.93	0.82
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	1.4930e-003	1.5140e-003
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	8.8430e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.7000e-005	5.7000e-005
tblVehicleEF	LHD2	1.4290e-003	1.4480e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7200e-003	2.2110e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	8.9000e-005	5.3000e-005
tblVehicleEF	LHD2	9.4500e-004	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7800e-004	0.00
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.08	0.02
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	1.3400e-004	1.3600e-004
tblVehicleEF	LHD2	5.6260e-003	3.9500e-003
tblVehicleEF	LHD2	6.4000e-005	7.2000e-005
tblVehicleEF	LHD2	9.4500e-004	0.05
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7800e-004	0.00
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.08	0.02
tblVehicleEF	LHD2	0.03	0.04

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tblVehicleEF	MCY	0.31	0.55
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.02	0.55
tblVehicleEF	MCY	8.65	7.67
tblVehicleEF	MCY	208.19	0.55
tblVehicleEF	MCY	58.95	45.95
tblVehicleEF	MCY	0.06	0.55
tblVehicleEF	MCY	0.01	7.2670e-003
tblVehicleEF	MCY	1.11	0.55
tblVehicleEF	MCY	0.26	0.12
tblVehicleEF	MCY	0.01	0.55
tblVehicleEF	MCY	4.0000e-003	0.55
tblVehicleEF	MCY	1.9920e-003	0.55
tblVehicleEF	MCY	2.7220e-003	3.1940e-003
tblVehicleEF	MCY	5.0400e-003	0.55
tblVehicleEF	MCY	1.0000e-003	0.55
tblVehicleEF	MCY	1.8590e-003	0.55
tblVehicleEF	MCY	2.5500e-003	2.9940e-003
tblVehicleEF	MCY	1.68	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.09	0.55
tblVehicleEF	MCY	0.45	0.55
tblVehicleEF	MCY	1.78	1.21
tblVehicleEF	MCY	2.0600e-003	0.55
tblVehicleEF	MCY	5.8300e-004	4.5400e-004
tblVehicleEF	MCY	1.68	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.90	0.00

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tblVehicleEF	MCY	2.61	0.55
tblVehicleEF	MCY	0.45	0.55
tblVehicleEF	MCY	1.94	1.31
tblVehicleEF	MCY	0.31	0.48
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	18.68	0.48
tblVehicleEF	MCY	8.02	6.86
tblVehicleEF	MCY	209.18	0.48
tblVehicleEF	MCY	57.33	44.19
tblVehicleEF	MCY	0.06	0.48
tblVehicleEF	MCY	0.01	7.1290e-003
tblVehicleEF	MCY	0.97	0.48
tblVehicleEF	MCY	0.25	0.11
tblVehicleEF	MCY	0.01	0.48
tblVehicleEF	MCY	4.0000e-003	0.48
tblVehicleEF	MCY	1.9920e-003	0.48
tblVehicleEF	MCY	2.7220e-003	3.1940e-003
tblVehicleEF	MCY	5.0400e-003	0.48
tblVehicleEF	MCY	1.0000e-003	0.48
tblVehicleEF	MCY	1.8590e-003	0.48
tblVehicleEF	MCY	2.5500e-003	2.9940e-003
tblVehicleEF	MCY	3.33	3.63
tblVehicleEF	MCY	1.23	3.76
tblVehicleEF	MCY	2.04	0.00
tblVehicleEF	MCY	2.08	0.48
tblVehicleEF	MCY	0.45	0.48
tblVehicleEF	MCY	1.59	1.07
tblVehicleEF	MCY	2.0700e-003	0.48
tblVehicleEF	MCY	5.6700e-004	4.3700e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MCY	3.33	3.63
tblVehicleEF	MCY	1.23	3.76
tblVehicleEF	MCY	2.04	0.00
tblVehicleEF	MCY	2.59	0.48
tblVehicleEF	MCY	0.45	0.48
tblVehicleEF	MCY	1.73	1.16
tblVehicleEF	MCY	0.31	0.53
tblVehicleEF	MCY	0.24	0.16
tblVehicleEF	MCY	17.62	0.53
tblVehicleEF	MCY	8.63	7.51
tblVehicleEF	MCY	207.54	0.53
tblVehicleEF	MCY	58.95	45.61
tblVehicleEF	MCY	0.06	0.53
tblVehicleEF	MCY	0.02	7.2620e-003
tblVehicleEF	MCY	1.11	0.53
tblVehicleEF	MCY	0.26	0.12
tblVehicleEF	MCY	0.01	0.53
tblVehicleEF	MCY	4.0000e-003	0.53
tblVehicleEF	MCY	1.9920e-003	0.53
tblVehicleEF	MCY	2.7220e-003	3.1940e-003
tblVehicleEF	MCY	5.0400e-003	0.53
tblVehicleEF	MCY	1.0000e-003	0.53
tblVehicleEF	MCY	1.8590e-003	0.53
tblVehicleEF	MCY	2.5500e-003	2.9940e-003
tblVehicleEF	MCY	1.59	2.61
tblVehicleEF	MCY	0.99	3.60
tblVehicleEF	MCY	0.72	0.00
tblVehicleEF	MCY	2.09	0.53
tblVehicleEF	MCY	0.51	0.53

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tblVehicleEF	MCY	1.79	1.18
tblVehicleEF	MCY	2.0540e-003	0.53
tblVehicleEF	MCY	5.8300e-004	4.5100e-004
tblVehicleEF	MCY	1.59	2.61
tblVehicleEF	MCY	0.99	3.60
tblVehicleEF	MCY	0.72	0.00
tblVehicleEF	MCY	2.60	0.53
tblVehicleEF	MCY	0.51	0.53
tblVehicleEF	MCY	1.95	1.29
tblVehicleEF	MDV	2.7410e-003	3.1870e-003
tblVehicleEF	MDV	0.05	0.08
tblVehicleEF	MDV	0.71	0.88
tblVehicleEF	MDV	2.42	3.17
tblVehicleEF	MDV	342.41	401.64
tblVehicleEF	MDV	71.37	99.24
tblVehicleEF	MDV	6.4530e-003	7.3160e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.08
tblVehicleEF	MDV	0.23	0.34
tblVehicleEF	MDV	0.04	8.2120e-003
tblVehicleEF	MDV	1.1930e-003	1.2650e-003
tblVehicleEF	MDV	1.5600e-003	1.9340e-003
tblVehicleEF	MDV	0.02	2.8740e-003
tblVehicleEF	MDV	1.1000e-003	1.1670e-003
tblVehicleEF	MDV	1.4350e-003	1.7780e-003
tblVehicleEF	MDV	0.11	0.42
tblVehicleEF	MDV	0.13	0.10
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.01	0.01

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tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.25	0.39
tblVehicleEF	MDV	3.3840e-003	3.9680e-003
tblVehicleEF	MDV	7.0600e-004	9.8100e-004
tblVehicleEF	MDV	0.11	0.42
tblVehicleEF	MDV	0.13	0.10
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.28	0.43
tblVehicleEF	MDV	3.1210e-003	3.3840e-003
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.86	1.17
tblVehicleEF	MDV	2.13	2.65
tblVehicleEF	MDV	362.11	424.22
tblVehicleEF	MDV	70.81	98.23
tblVehicleEF	MDV	6.2130e-003	6.6080e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.22	0.32
tblVehicleEF	MDV	0.04	8.2120e-003
tblVehicleEF	MDV	1.1930e-003	1.2650e-003
tblVehicleEF	MDV	1.5600e-003	1.9340e-003
tblVehicleEF	MDV	0.02	2.8740e-003
tblVehicleEF	MDV	1.1000e-003	1.1670e-003
tblVehicleEF	MDV	1.4350e-003	1.7780e-003
tblVehicleEF	MDV	0.22	0.51
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.18	0.00

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tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.22	0.34
tblVehicleEF	MDV	3.5790e-003	4.1910e-003
tblVehicleEF	MDV	7.0100e-004	9.7100e-004
tblVehicleEF	MDV	0.22	0.51
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.18	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.24	0.37
tblVehicleEF	MDV	2.6300e-003	3.1660e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.66	0.83
tblVehicleEF	MDV	2.47	3.15
tblVehicleEF	MDV	336.40	397.83
tblVehicleEF	MDV	71.48	99.20
tblVehicleEF	MDV	6.3110e-003	7.1350e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.23	0.34
tblVehicleEF	MDV	0.04	8.2120e-003
tblVehicleEF	MDV	1.1930e-003	1.2650e-003
tblVehicleEF	MDV	1.5600e-003	1.9340e-003
tblVehicleEF	MDV	0.02	2.8740e-003
tblVehicleEF	MDV	1.1000e-003	1.1670e-003
tblVehicleEF	MDV	1.4350e-003	1.7780e-003
tblVehicleEF	MDV	0.09	0.43
tblVehicleEF	MDV	0.14	0.10

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tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MDV	3.3250e-003	3.9310e-003
tblVehicleEF	MDV	7.0700e-004	9.8100e-004
tblVehicleEF	MDV	0.09	0.43
tblVehicleEF	MDV	0.14	0.10
tblVehicleEF	MDV	0.08	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.28	0.43
tblVehicleEF	MH	5.6310e-003	3.5000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.58	1.5510e-003
tblVehicleEF	MH	1.66	1.99
tblVehicleEF	MH	1,339.85	4.7020e-003
tblVehicleEF	MH	16.21	20.70
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.34	1.45
tblVehicleEF	MH	0.23	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	1.9400e-004	2.2500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3210e-003	6.5200e-004
tblVehicleEF	MH	0.04	0.16

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tblVehicleEF	MH	1.7800e-004	2.0700e-004
tblVehicleEF	MH	0.85	31.77
tblVehicleEF	MH	0.05	7.07
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.01	2.0110e-003
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.01	2.7000e-005
tblVehicleEF	MH	1.6000e-004	2.0500e-004
tblVehicleEF	MH	0.85	31.77
tblVehicleEF	MH	0.05	7.07
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.05	3.5450e-003
tblVehicleEF	MH	0.01	2.0110e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	5.7350e-003	3.6000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.60	1.6410e-003
tblVehicleEF	MH	1.55	1.85
tblVehicleEF	MH	1,339.87	4.7020e-003
tblVehicleEF	MH	16.02	20.46
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.25	1.35
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	1.9400e-004	2.2500e-004

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tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3210e-003	6.1600e-004
tblVehicleEF	MH	0.04	0.15
tblVehicleEF	MH	1.7800e-004	2.0700e-004
tblVehicleEF	MH	1.55	38.99
tblVehicleEF	MH	0.05	7.62
tblVehicleEF	MH	0.63	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.01	2.0720e-003
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.01	2.9000e-005
tblVehicleEF	MH	1.5900e-004	2.0200e-004
tblVehicleEF	MH	1.55	38.99
tblVehicleEF	MH	0.05	7.62
tblVehicleEF	MH	0.63	0.00
tblVehicleEF	MH	0.05	3.9250e-003
tblVehicleEF	MH	0.01	2.0720e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	5.6200e-003	3.5000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.58	1.5860e-003
tblVehicleEF	MH	1.67	1.98
tblVehicleEF	MH	1,339.85	4.7020e-003
tblVehicleEF	MH	16.23	20.68
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.33	1.42
tblVehicleEF	MH	0.23	0.30
tblVehicleEF	MH	0.13	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	1.9400e-004	2.2500e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3210e-003	6.4200e-004
tblVehicleEF	MH	0.04	0.16
tblVehicleEF	MH	1.7800e-004	2.0700e-004
tblVehicleEF	MH	0.80	31.98
tblVehicleEF	MH	0.05	7.08
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.01	2.0520e-003
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.01	2.8000e-005
tblVehicleEF	MH	1.6100e-004	2.0400e-004
tblVehicleEF	MH	0.80	31.98
tblVehicleEF	MH	0.05	7.08
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.05	3.5550e-003
tblVehicleEF	MH	0.01	2.0520e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MHD	3.2850e-003	0.02
tblVehicleEF	MHD	8.9100e-004	6.8910e-003
tblVehicleEF	MHD	7.6110e-003	5.1320e-003
tblVehicleEF	MHD	0.35	0.66
tblVehicleEF	MHD	0.11	0.12
tblVehicleEF	MHD	0.81	0.58
tblVehicleEF	MHD	63.03	162.94
tblVehicleEF	MHD	886.30	1,069.93

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tblVehicleEF	MHD	7.86	5.35
tblVehicleEF	MHD	9.1070e-003	0.03
tblVehicleEF	MHD	0.11	0.15
tblVehicleEF	MHD	6.5030e-003	3.7910e-003
tblVehicleEF	MHD	0.34	0.84
tblVehicleEF	MHD	0.87	0.60
tblVehicleEF	MHD	1.74	1.46
tblVehicleEF	MHD	2.2700e-004	9.8800e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.4410e-003	7.8400e-003
tblVehicleEF	MHD	9.2000e-005	5.8000e-005
tblVehicleEF	MHD	2.1700e-004	9.4400e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	9.0290e-003	7.4980e-003
tblVehicleEF	MHD	8.4000e-005	5.4000e-005
tblVehicleEF	MHD	5.3000e-004	0.02
tblVehicleEF	MHD	0.02	3.5660e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.8800e-004	0.00
tblVehicleEF	MHD	9.2020e-003	0.01
tblVehicleEF	MHD	0.01	8.9990e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9800e-004	1.4940e-003
tblVehicleEF	MHD	8.4480e-003	0.01
tblVehicleEF	MHD	7.8000e-005	5.3000e-005
tblVehicleEF	MHD	5.3000e-004	0.02
tblVehicleEF	MHD	0.02	3.5660e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.8800e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	8.9990e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.1270e-003	0.02
tblVehicleEF	MHD	9.0300e-004	6.9040e-003
tblVehicleEF	MHD	7.3690e-003	4.9340e-003
tblVehicleEF	MHD	0.31	0.62
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.77	0.55
tblVehicleEF	MHD	62.78	161.37
tblVehicleEF	MHD	886.31	1,069.94
tblVehicleEF	MHD	7.79	5.29
tblVehicleEF	MHD	9.0370e-003	0.03
tblVehicleEF	MHD	0.11	0.15
tblVehicleEF	MHD	6.4260e-003	3.7180e-003
tblVehicleEF	MHD	0.33	0.81
tblVehicleEF	MHD	0.82	0.56
tblVehicleEF	MHD	1.74	1.46
tblVehicleEF	MHD	1.9500e-004	8.4400e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.4410e-003	7.8400e-003
tblVehicleEF	MHD	9.2000e-005	5.8000e-005
tblVehicleEF	MHD	1.8600e-004	8.0700e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	9.0290e-003	7.4980e-003
tblVehicleEF	MHD	8.4000e-005	5.4000e-005
tblVehicleEF	MHD	1.0110e-003	0.02
tblVehicleEF	MHD	0.02	3.8340e-003
tblVehicleEF	MHD	0.02	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	5.4000e-004	0.00
tblVehicleEF	MHD	9.2480e-003	0.01
tblVehicleEF	MHD	0.01	9.2770e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9600e-004	1.4790e-003
tblVehicleEF	MHD	8.4480e-003	0.01
tblVehicleEF	MHD	7.7000e-005	5.2000e-005
tblVehicleEF	MHD	1.0110e-003	0.02
tblVehicleEF	MHD	0.02	3.8340e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.4000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.2770e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.5130e-003	0.02
tblVehicleEF	MHD	8.8200e-004	6.8920e-003
tblVehicleEF	MHD	7.6800e-003	5.0850e-003
tblVehicleEF	MHD	0.42	0.71
tblVehicleEF	MHD	0.11	0.12
tblVehicleEF	MHD	0.82	0.57
tblVehicleEF	MHD	63.37	165.10
tblVehicleEF	MHD	886.30	1,069.94
tblVehicleEF	MHD	7.88	5.34
tblVehicleEF	MHD	9.2070e-003	0.03
tblVehicleEF	MHD	0.11	0.15
tblVehicleEF	MHD	6.5500e-003	3.7680e-003
tblVehicleEF	MHD	0.35	0.88
tblVehicleEF	MHD	0.86	0.59
tblVehicleEF	MHD	1.74	1.46

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tblVehicleEF	MHD	2.7200e-004	1.1860e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	9.4410e-003	7.8400e-003
tblVehicleEF	MHD	9.2000e-005	5.8000e-005
tblVehicleEF	MHD	2.6100e-004	1.1340e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	9.0290e-003	7.4980e-003
tblVehicleEF	MHD	8.4000e-005	5.4000e-005
tblVehicleEF	MHD	3.7300e-004	0.02
tblVehicleEF	MHD	0.02	3.5670e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.2600e-004	0.00
tblVehicleEF	MHD	9.1650e-003	0.01
tblVehicleEF	MHD	0.02	9.1730e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.0100e-004	1.5140e-003
tblVehicleEF	MHD	8.4480e-003	0.01
tblVehicleEF	MHD	7.8000e-005	5.3000e-005
tblVehicleEF	MHD	3.7300e-004	0.02
tblVehicleEF	MHD	0.02	3.5670e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.2600e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	9.1730e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	8.3570e-003	0.02
tblVehicleEF	OBUS	2.9570e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.53	0.52

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tblVehicleEF	OBUS	0.35	0.61
tblVehicleEF	OBUS	2.15	2.49
tblVehicleEF	OBUS	72.04	72.18
tblVehicleEF	OBUS	1,215.91	1,314.95
tblVehicleEF	OBUS	18.29	20.98
tblVehicleEF	OBUS	9.4480e-003	9.7490e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.28	0.26
tblVehicleEF	OBUS	0.76	0.95
tblVehicleEF	OBUS	0.80	0.69
tblVehicleEF	OBUS	9.4000e-005	4.3800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.3290e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8000e-004
tblVehicleEF	OBUS	9.0000e-005	4.1800e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.9540e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6600e-004
tblVehicleEF	OBUS	2.4330e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.0770e-003	0.00
tblVehicleEF	OBUS	0.02	0.04
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.10	0.12
tblVehicleEF	OBUS	6.8700e-004	6.4200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.8100e-004	2.0700e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	2.4330e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.0770e-003	0.00
tblVehicleEF	OBUS	0.02	0.09
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	8.4350e-003	0.02
tblVehicleEF	OBUS	3.0170e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.53	0.51
tblVehicleEF	OBUS	0.35	0.62
tblVehicleEF	OBUS	2.01	2.32
tblVehicleEF	OBUS	71.24	71.62
tblVehicleEF	OBUS	1,215.92	1,314.96
tblVehicleEF	OBUS	18.05	20.68
tblVehicleEF	OBUS	9.3280e-003	9.6640e-003
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.25
tblVehicleEF	OBUS	0.71	0.89
tblVehicleEF	OBUS	0.79	0.68
tblVehicleEF	OBUS	8.4000e-005	3.7600e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.3290e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8000e-004
tblVehicleEF	OBUS	8.0000e-005	3.5900e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.9540e-003	0.02

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tblVehicleEF	OBUS	1.8400e-004	1.6600e-004
tblVehicleEF	OBUS	4.4350e-003	0.17
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.0140e-003	0.00
tblVehicleEF	OBUS	0.02	0.04
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.10	0.12
tblVehicleEF	OBUS	6.7900e-004	6.3700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.7900e-004	2.0400e-004
tblVehicleEF	OBUS	4.4350e-003	0.17
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.0140e-003	0.00
tblVehicleEF	OBUS	0.02	0.09
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	8.2780e-003	0.02
tblVehicleEF	OBUS	2.9380e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.54	0.53
tblVehicleEF	OBUS	0.35	0.61
tblVehicleEF	OBUS	2.17	2.48
tblVehicleEF	OBUS	73.14	72.96
tblVehicleEF	OBUS	1,215.91	1,314.95
tblVehicleEF	OBUS	18.33	20.96
tblVehicleEF	OBUS	9.6210e-003	9.8730e-003
tblVehicleEF	OBUS	0.09	0.12

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.30	0.27
tblVehicleEF	OBUS	0.76	0.94
tblVehicleEF	OBUS	0.80	0.69
tblVehicleEF	OBUS	1.0900e-004	5.2300e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.3290e-003	0.02
tblVehicleEF	OBUS	2.0000e-004	1.8000e-004
tblVehicleEF	OBUS	1.0400e-004	5.0000e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.9540e-003	0.02
tblVehicleEF	OBUS	1.8400e-004	1.6600e-004
tblVehicleEF	OBUS	2.1200e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.0080e-003	0.00
tblVehicleEF	OBUS	0.02	0.04
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.9700e-004	6.4900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.8100e-004	2.0700e-004
tblVehicleEF	OBUS	2.1200e-003	0.14
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0080e-003	0.00
tblVehicleEF	OBUS	0.02	0.09
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.12	0.13

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.08	0.52
tblVehicleEF	SBUS	5.3160e-003	1.37
tblVehicleEF	SBUS	7.4300e-003	7.7010e-003
tblVehicleEF	SBUS	3.29	3.07
tblVehicleEF	SBUS	0.44	5.19
tblVehicleEF	SBUS	0.94	0.97
tblVehicleEF	SBUS	351.31	271.75
tblVehicleEF	SBUS	1,044.65	1,215.71
tblVehicleEF	SBUS	6.15	6.19
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.12	0.16
tblVehicleEF	SBUS	7.5370e-003	7.3240e-003
tblVehicleEF	SBUS	2.93	1.14
tblVehicleEF	SBUS	3.70	2.22
tblVehicleEF	SBUS	1.04	0.18
tblVehicleEF	SBUS	2.5040e-003	1.3590e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	5.2000e-005	5.1000e-005
tblVehicleEF	SBUS	2.3960e-003	1.2840e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6480e-003	2.5520e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.8000e-005	4.7000e-005
tblVehicleEF	SBUS	1.8750e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.38	0.30
tblVehicleEF	SBUS	9.1800e-004	0.00

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tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.3580e-003	1.3810e-003
tblVehicleEF	SBUS	0.01	6.8800e-003
tblVehicleEF	SBUS	1.8750e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.54	0.90
tblVehicleEF	SBUS	9.1800e-004	0.00
tblVehicleEF	SBUS	0.09	1.46
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.08	0.52
tblVehicleEF	SBUS	5.3770e-003	1.37
tblVehicleEF	SBUS	6.2320e-003	6.4220e-003
tblVehicleEF	SBUS	3.26	3.06
tblVehicleEF	SBUS	0.45	5.21
tblVehicleEF	SBUS	0.68	0.70
tblVehicleEF	SBUS	358.00	274.75
tblVehicleEF	SBUS	1,044.66	1,215.73
tblVehicleEF	SBUS	5.72	5.73
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.12	0.16
tblVehicleEF	SBUS	7.2910e-003	7.0520e-003
tblVehicleEF	SBUS	2.99	1.17
tblVehicleEF	SBUS	3.48	2.08
tblVehicleEF	SBUS	1.03	0.17
tblVehicleEF	SBUS	2.1200e-003	1.2130e-003
tblVehicleEF	SBUS	0.74	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	5.2000e-005	5.1000e-005
tblVehicleEF	SBUS	2.0280e-003	1.1450e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6480e-003	2.5520e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.8000e-005	4.7000e-005
tblVehicleEF	SBUS	3.3660e-003	0.11
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.38	0.30
tblVehicleEF	SBUS	1.6680e-003	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4210e-003	1.4090e-003
tblVehicleEF	SBUS	0.01	6.8810e-003
tblVehicleEF	SBUS	3.3660e-003	0.11
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.54	0.90
tblVehicleEF	SBUS	1.6680e-003	0.00
tblVehicleEF	SBUS	0.09	1.46
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.08	0.52
tblVehicleEF	SBUS	5.3070e-003	1.37
tblVehicleEF	SBUS	7.7080e-003	7.8380e-003
tblVehicleEF	SBUS	3.33	3.08
tblVehicleEF	SBUS	0.44	5.20

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.99	0.99
tblVehicleEF	SBUS	342.08	267.61
tblVehicleEF	SBUS	1,044.65	1,215.71
tblVehicleEF	SBUS	6.23	6.22
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.12	0.16
tblVehicleEF	SBUS	7.6440e-003	7.3880e-003
tblVehicleEF	SBUS	2.86	1.10
tblVehicleEF	SBUS	3.67	2.18
tblVehicleEF	SBUS	1.04	0.18
tblVehicleEF	SBUS	3.0350e-003	1.5590e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	5.2000e-005	5.1000e-005
tblVehicleEF	SBUS	2.9040e-003	1.4760e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6480e-003	2.5520e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.8000e-005	4.7000e-005
tblVehicleEF	SBUS	1.5730e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.38	0.30
tblVehicleEF	SBUS	8.7600e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.04	0.05
tblVehicleEF	SBUS	3.2700e-003	1.3420e-003
tblVehicleEF	SBUS	0.01	6.8800e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	1.5730e-003	0.09
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.54	0.90
tblVehicleEF	SBUS	8.7600e-004	0.00
tblVehicleEF	SBUS	0.09	1.46
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	UBUS	3.37	0.93
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.16	16.52
tblVehicleEF	UBUS	1.43	2.81
tblVehicleEF	UBUS	1,573.14	1,771.10
tblVehicleEF	UBUS	16.61	27.14
tblVehicleEF	UBUS	0.23	0.25
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.16	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.8680e-003	6.6000e-004
tblVehicleEF	UBUS	2.1900e-004	1.9100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.7240e-003	6.1200e-004
tblVehicleEF	UBUS	2.0200e-004	1.7600e-004
tblVehicleEF	UBUS	1.2890e-003	0.07
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.7600e-004	0.00
tblVehicleEF	UBUS	0.05	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.2920e-003	1.4470e-003
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	4.4570e-003	5.5380e-003
tblVehicleEF	UBUS	1.6400e-004	2.6800e-004
tblVehicleEF	UBUS	1.2890e-003	0.07
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	7.7600e-004	0.00
tblVehicleEF	UBUS	3.44	0.96
tblVehicleEF	UBUS	1.2920e-003	1.4470e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleEF	UBUS	3.37	0.93
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	26.16	16.53
tblVehicleEF	UBUS	1.21	2.39
tblVehicleEF	UBUS	1,573.14	1,771.11
tblVehicleEF	UBUS	16.25	26.43
tblVehicleEF	UBUS	0.23	0.25
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.30	0.47
tblVehicleEF	UBUS	0.15	0.26
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.8680e-003	6.6000e-004
tblVehicleEF	UBUS	2.1900e-004	1.9100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.7240e-003	6.1200e-004
tblVehicleEF	UBUS	2.0200e-004	1.7600e-004
tblVehicleEF	UBUS	2.3010e-003	0.10

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.5600e-003	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.2540e-003	1.5060e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	4.4570e-003	5.5380e-003
tblVehicleEF	UBUS	1.6100e-004	2.6100e-004
tblVehicleEF	UBUS	2.3010e-003	0.10
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	1.5600e-003	0.00
tblVehicleEF	UBUS	3.44	0.96
tblVehicleEF	UBUS	1.2540e-003	1.5060e-003
tblVehicleEF	UBUS	0.07	0.14
tblVehicleEF	UBUS	3.37	0.93
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	26.16	16.53
tblVehicleEF	UBUS	1.41	2.79
tblVehicleEF	UBUS	1,573.14	1,771.10
tblVehicleEF	UBUS	16.58	27.11
tblVehicleEF	UBUS	0.23	0.25
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.31	0.48
tblVehicleEF	UBUS	0.15	0.28
tblVehicleEF	UBUS	0.09	0.11
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	2.8680e-003	6.6000e-004
tblVehicleEF	UBUS	2.1900e-004	1.9100e-004
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	2.7240e-003	6.1200e-004
tblVehicleEF	UBUS	2.0200e-004	1.7600e-004
tblVehicleEF	UBUS	1.3330e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	8.1800e-004	0.00
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	1.4970e-003	1.4880e-003
tblVehicleEF	UBUS	0.07	0.14
tblVehicleEF	UBUS	4.4570e-003	5.5380e-003
tblVehicleEF	UBUS	1.6400e-004	2.6800e-004
tblVehicleEF	UBUS	1.3330e-003	0.08
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	8.1800e-004	0.00
tblVehicleEF	UBUS	3.44	0.96
tblVehicleEF	UBUS	1.4970e-003	1.4880e-003
tblVehicleEF	UBUS	0.08	0.16
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	ST_TR	616.12	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	8.19	38.57
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	SU_TR	472.58	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	5.95	38.57
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	WD_TR	470.95	0.00
tblVehicleTrips	WD_TR	112.18	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	WD_TR	8.36	38.57
tblVehicleTrips	WD_TR	37.75	0.00
tblWater	IndoorWaterUseRate	3,035,337.12	0.00
tblWater	IndoorWaterUseRate	4,553,005.69	0.00
tblWater	IndoorWaterUseRate	5,580,689.40	0.00
tblWater	IndoorWaterUseRate	1,851,813.04	26,393,965.98
tblWater	OutdoorWaterUseRate	193,744.92	0.00
tblWater	OutdoorWaterUseRate	290,617.38	0.00
tblWater	OutdoorWaterUseRate	620,076.60	0.00
tblWater	OutdoorWaterUseRate	1,134,982.18	977,554.30

2.0 Emissions Summary

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2026	0.2861	2.3356	3.0142	7.6600e-003	0.5513	0.0876	0.6388	0.1903	0.0818	0.2721	0.0000	687.7772	687.7772	0.1015	0.0255	697.9117
2027	0.2001	0.8817	1.3051	3.2700e-003	0.1589	0.0326	0.1915	0.0428	0.0306	0.0734	0.0000	294.7017	294.7017	0.0362	0.0123	299.2660
Maximum	0.2861	2.3356	3.0142	7.6600e-003	0.5513	0.0876	0.6388	0.1903	0.0818	0.2721	0.0000	687.7772	687.7772	0.1015	0.0255	697.9117

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					
2026	0.1232	0.6493	3.3058	7.6600e-003	0.3833	0.0102	0.3935	0.1202	9.9600e-003	0.1301	0.0000	687.7768	687.7768	0.1015	0.0255	697.9112
2027	0.1409	0.2913	1.4006	3.2700e-003	0.1469	4.1800e-003	0.1511	0.0399	4.0900e-003	0.0440	0.0000	294.7015	294.7015	0.0362	0.0123	299.2658
Maximum	0.1409	0.6493	3.3058	7.6600e-003	0.3833	0.0102	0.3935	0.1202	9.9600e-003	0.1301	0.0000	687.7768	687.7768	0.1015	0.0255	697.9112

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	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	45.69	70.76	-8.96	0.00	25.34	88.07	34.41	31.33	87.50	49.60	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	1-1-2026	3-31-2026	0.8551	0.1149
2	4-1-2026	6-30-2026	0.5809	0.2145
3	7-1-2026	9-30-2026	0.5873	0.2168
4	10-1-2026	12-31-2026	0.5920	0.2216
5	1-1-2027	3-31-2027	0.5759	0.2135
6	4-1-2027	6-30-2027	0.4637	0.1806
7	7-1-2027	9-30-2027	0.0451	0.0393
		Highest	0.8551	0.2216

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Energy	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	1,276.7559	1,276.7559	0.0631	0.0186	1,283.8785
Mobile	4.2259	4.5843	32.4685	0.5263	9.3705	0.4838	9.8543	2.9724	0.5036	3.4760	0.0000	9,684.3637	9,684.3637	0.7165	0.8086	9,943.2369
Waste						0.0000	0.0000		0.0000	0.0000	89.3952	0.0000	89.3952	5.2831	0.0000	221.4728
Water						0.0000	0.0000		0.0000	0.0000	8.3736	62.8755	71.2491	0.8654	0.0210	99.1263
Total	4.9388	5.2127	33.0048	0.5300	9.3705	0.5316	9.9021	2.9724	0.5514	3.5238	97.7688	11,024.0117	11,121.7805	6.9281	0.8481	11,547.7322

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.5757	4.0000e-005	4.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4200e-003
Energy	0.0551	0.5008	0.4207	3.0100e-003		0.0381	0.0381		0.0381	0.0381	0.0000	1,078.6016	1,078.6016	0.0555	0.0155	1,084.5932
Mobile	4.2177	4.5465	32.2025	0.5202	9.2619	0.4783	9.7402	2.9380	0.4979	3.4358	0.0000	9,575.1155	9,575.1155	0.7105	0.8004	9,831.3869
Waste						0.0000	0.0000		0.0000	0.0000	22.3488	0.0000	22.3488	1.3208	0.0000	55.3682
Water						0.0000	0.0000		0.0000	0.0000	8.3736	62.8755	71.2491	0.8654	0.0210	99.1263
Total	4.8485	5.0473	32.6282	0.5232	9.2619	0.5163	9.7783	2.9380	0.5359	3.4739	30.7224	10,716.6015	10,747.3239	2.9521	0.8368	11,070.4841

	ROG	NOx	CO	SO2	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	1.83	3.17	1.14	1.29	1.16	2.87	1.25	1.16	2.81	1.42	68.58	2.79	3.37	57.39	1.34	4.13

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	1/1/2026	1/28/2026	5	20	
2	Site Preparation	Site Preparation	1/29/2026	2/11/2026	5	10	
3	Grading	Grading	2/12/2026	3/25/2026	5	30	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	3/26/2026	5/19/2027	5	300
5	Paving	Paving	5/20/2027	6/16/2027	5	20
6	Architectural Coating	Architectural Coating	6/17/2027	7/14/2027	5	20

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 9.18

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 225,000; Non-Residential Outdoor: 75,000; Striped Parking Area: 23,988 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	228.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	46.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0209	0.1920	0.1942	3.9000e-004		8.5300e-003	8.5300e-003		7.9200e-003	7.9200e-003	0.0000	33.9977	33.9977	9.4900e-003	0.0000	34.2350
Total	0.0209	0.1920	0.1942	3.9000e-004	0.0000	8.5300e-003	8.5300e-003	0.0000	7.9200e-003	7.9200e-003	0.0000	33.9977	33.9977	9.4900e-003	0.0000	34.2350

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451
Total	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6200e-003	0.0200	0.2328	3.9000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.9976	33.9976	9.4900e-003	0.0000	34.2349
Total	4.6200e-003	0.0200	0.2328	3.9000e-004	0.0000	6.2000e-004	6.2000e-004	0.0000	6.2000e-004	6.2000e-004	0.0000	33.9976	33.9976	9.4900e-003	0.0000	34.2349

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451
Total	4.0000e-004	2.6000e-004	3.8300e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1364	1.1364	2.0000e-005	3.0000e-005	1.1451

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e-004		5.4300e-003	5.4300e-003		5.0000e-003	5.0000e-003	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e-004	0.0983	5.4300e-003	0.1037	0.0505	5.0000e-003	0.0555	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.9000e-004	0.0000	9.9000e-004	2.6000e-004	0.0000	2.7000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870
Total	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.9000e-004	0.0000	9.9000e-004	2.6000e-004	0.0000	2.7000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0383	0.0000	0.0383	0.0197	0.0000	0.0197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3300e-003	0.0101	0.1043	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688
Total	2.3300e-003	0.0101	0.1043	1.9000e-004	0.0383	3.1000e-004	0.0386	0.0197	3.1000e-004	0.0200	0.0000	16.7335	16.7335	5.4100e-003	0.0000	16.8688

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.1000e-004	0.0000	9.2000e-004	2.4000e-004	0.0000	2.5000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870
Total	2.4000e-004	1.6000e-004	2.3000e-003	1.0000e-005	9.1000e-004	0.0000	9.2000e-004	2.4000e-004	0.0000	2.5000e-004	0.0000	0.6818	0.6818	1.0000e-005	2.0000e-005	0.6870

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e-004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204
Total	0.0435	0.4191	0.3950	9.3000e-004	0.1381	0.0170	0.1550	0.0548	0.0156	0.0704	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.3000e-003	1.0000e-005	3.3100e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901
Total	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.3000e-003	1.0000e-005	3.3100e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0538	0.0000	0.0538	0.0214	0.0000	0.0214	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.0495	0.4950	9.3000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203
Total	0.0114	0.0495	0.4950	9.3000e-004	0.0538	1.5200e-003	0.0554	0.0214	1.5200e-003	0.0229	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.0400e-003	1.0000e-005	3.0500e-003	8.1000e-004	1.0000e-005	8.2000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901
Total	8.0000e-004	5.2000e-004	7.6700e-003	2.0000e-005	3.0400e-003	1.0000e-005	3.0500e-003	8.1000e-004	1.0000e-005	8.2000e-004	0.0000	2.2728	2.2728	5.0000e-005	5.0000e-005	2.2901

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1374	1.2532	1.6165	2.7100e-003		0.0530	0.0530		0.0499	0.0499	0.0000	233.0791	233.0791	0.0548	0.0000	234.4488
Total	0.1374	1.2532	1.6165	2.7100e-003		0.0530	0.0530		0.0499	0.0499	0.0000	233.0791	233.0791	0.0548	0.0000	234.4488

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.4100e-003	0.3045	0.1196	1.5000e-003	0.0571	2.5500e-003	0.0597	0.0165	2.4400e-003	0.0189	0.0000	144.5204	144.5204	1.7100e-003	0.0213	150.8962
Worker	0.0610	0.0397	0.5855	1.8900e-003	0.2519	1.0300e-003	0.2529	0.0669	9.4000e-004	0.0678	0.0000	173.5963	173.5963	3.5600e-003	4.1400e-003	174.9203
Total	0.0704	0.3442	0.7051	3.3900e-003	0.3090	3.5800e-003	0.3126	0.0834	3.3800e-003	0.0868	0.0000	318.1167	318.1167	5.2700e-003	0.0254	325.8165

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0330	0.2246	1.7548	2.7100e-003		4.1000e-003	4.1000e-003		4.1000e-003	4.1000e-003	0.0000	233.0788	233.0788	0.0548	0.0000	234.4485
Total	0.0330	0.2246	1.7548	2.7100e-003		4.1000e-003	4.1000e-003		4.1000e-003	4.1000e-003	0.0000	233.0788	233.0788	0.0548	0.0000	234.4485

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.4100e-003	0.3045	0.1196	1.5000e-003	0.0535	2.5500e-003	0.0561	0.0156	2.4400e-003	0.0180	0.0000	144.5204	144.5204	1.7100e-003	0.0213	150.8962
Worker	0.0610	0.0397	0.5855	1.8900e-003	0.2322	1.0300e-003	0.2332	0.0621	9.4000e-004	0.0630	0.0000	173.5963	173.5963	3.5600e-003	4.1400e-003	174.9203
Total	0.0704	0.3442	0.7051	3.3900e-003	0.2857	3.5800e-003	0.2893	0.0776	3.3800e-003	0.0810	0.0000	318.1167	318.1167	5.2700e-003	0.0254	325.8165

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.0677	0.6173	0.7962	1.3300e-003		0.0261	0.0261		0.0246	0.0246	0.0000	114.8001	114.8001	0.0270	0.0000	115.4748
Total	0.0677	0.6173	0.7962	1.3300e-003		0.0261	0.0261		0.0246	0.0246	0.0000	114.8001	114.8001	0.0270	0.0000	115.4748

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5900e-003	0.1484	0.0585	7.2000e-004	0.0281	1.2500e-003	0.0294	8.1200e-003	1.2000e-003	9.3100e-003	0.0000	69.7945	69.7945	8.7000e-004	0.0103	72.8694
Worker	0.0283	0.0178	0.2719	9.1000e-004	0.1241	4.7000e-004	0.1245	0.0329	4.4000e-004	0.0334	0.0000	83.0460	83.0460	1.6000e-003	1.9300e-003	83.6620
Total	0.0329	0.1663	0.3303	1.6300e-003	0.1522	1.7200e-003	0.1539	0.0411	1.6400e-003	0.0427	0.0000	152.8404	152.8404	2.4700e-003	0.0122	156.5314

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0162	0.1106	0.8643	1.3300e-003		2.0200e-003	2.0200e-003		2.0200e-003	2.0200e-003	0.0000	114.8000	114.8000	0.0270	0.0000	115.4746
Total	0.0162	0.1106	0.8643	1.3300e-003		2.0200e-003	2.0200e-003		2.0200e-003	2.0200e-003	0.0000	114.8000	114.8000	0.0270	0.0000	115.4746

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5900e-003	0.1484	0.0585	7.2000e-004	0.0264	1.2500e-003	0.0276	7.6800e-003	1.2000e-003	8.8700e-003	0.0000	69.7945	69.7945	8.7000e-004	0.0103	72.8694
Worker	0.0283	0.0178	0.2719	9.1000e-004	0.1144	4.7000e-004	0.1148	0.0306	4.4000e-004	0.0310	0.0000	83.0460	83.0460	1.6000e-003	1.9300e-003	83.6620
Total	0.0329	0.1663	0.3303	1.6300e-003	0.1407	1.7200e-003	0.1424	0.0382	1.6400e-003	0.0399	0.0000	152.8404	152.8404	2.4700e-003	0.0122	156.5314

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 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	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	0.0120					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0212	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119
Total	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-003	0.0122	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	0.0120					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0148	0.0122	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119
Total	3.8000e-004	2.4000e-004	3.6100e-003	1.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.1000e-004	0.0000	1.1038	1.1038	2.0000e-005	3.0000e-005	1.1119

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 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					
Archit. Coating	0.0751					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	0.0768	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	5.0600e-003	2.0000e-005	5.0800e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099
Total	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	5.0600e-003	2.0000e-005	5.0800e-003	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0751					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	0.0754	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	4.6600e-003	2.0000e-005	4.6800e-003	1.2500e-003	2.0000e-005	1.2600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099
Total	1.1500e-003	7.3000e-004	0.0111	4.0000e-005	4.6600e-003	2.0000e-005	4.6800e-003	1.2500e-003	2.0000e-005	1.2600e-003	0.0000	3.3848	3.3848	7.0000e-005	8.0000e-005	3.4099

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.2177	4.5465	32.2025	0.5202	9.2619	0.4783	9.7402	2.9380	0.4979	3.4358	0.0000	9,575.1155	9,575.1155	0.7105	0.8004	9,831.3869
Unmitigated	4.2259	4.5843	32.4685	0.5263	9.3705	0.4838	9.8543	2.9724	0.5036	3.4760	0.0000	9,684.3637	9,684.3637	0.7165	0.8086	9,943.2369

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Fast Food Restaurant with Drive Thru High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Hotel	8,485.00	8,485.00	8,485.00	29,976,752	29,629,321
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Total	8,485.00	8,485.00	8,485.00	29,976,752	29,629,321

4.3 Trip Type Information

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant with Drive Thru	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
High Turnover (Sit Down Restaurant)	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
Hotel	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
Parking Lot	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464
Regional Shopping Center	0.544951	0.056922	0.175129	0.132247	0.024165	0.006855	0.011655	0.018450	0.000608	0.000293	0.023172	0.001089	0.004464

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	533.3790	533.3790	0.0450	5.4600e-003	536.1306
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	592.7653	592.7653	0.0500	6.0600e-003	595.8233
NaturalGas Mitigated	0.0551	0.5008	0.4207	3.0100e-003		0.0381	0.0381		0.0381	0.0381	0.0000	545.2227	545.2227	0.0105	0.0100	548.4627
NaturalGas Unmitigated	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
High Turnover (Sit Down Restaurant)	4.0899e+006	0.0221	0.2005	0.1684	1.2000e-003		0.0152	0.0152		0.0152	0.0152	0.0000	218.2526	218.2526	4.1800e-003	4.0000e-003	219.5496
Hotel	5.946e+006	0.0321	0.2915	0.2448	1.7500e-003		0.0222	0.0222		0.0222	0.0222	0.0000	317.3012	317.3012	6.0800e-003	5.8200e-003	319.1868
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	55000	3.0000e-004	2.7000e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.9350	2.9350	6.0000e-005	5.0000e-005	2.9525
Total		0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	2.45749e+006	0.0133	0.1205	0.1012	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	131.1408	131.1408	2.5100e-003	2.4000e-003	131.9201
High Turnover (Sit Down Restaurant)	3.68623e+006	0.0199	0.1807	0.1518	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.7111	196.7111	3.7700e-003	3.6100e-003	197.8801
Hotel	4.035e+006	0.0218	0.1978	0.1662	1.1900e-003		0.0150	0.0150		0.0150	0.0150	0.0000	215.3230	215.3230	4.1300e-003	3.9500e-003	216.6025
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	38375	2.1000e-004	1.8800e-003	1.5800e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	2.0478	2.0478	4.0000e-005	4.0000e-005	2.0600
Total		0.0551	0.5008	0.4207	3.0000e-003		0.0381	0.0381		0.0381	0.0381	0.0000	545.2227	545.2227	0.0105	0.0100	548.4627

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	461600	81.8627	6.9100e-003	8.4000e-004	82.2850
High Turnover (Sit Down Restaurant)	692400	122.7941	0.0104	1.2600e-003	123.4275
Hotel	1.745e+006	309.4680	0.0261	3.1700e-003	311.0645
Parking Lot	139931	24.8162	2.0900e-003	2.5000e-004	24.9442
Regional Shopping Center	303500	53.8244	4.5400e-003	5.5000e-004	54.1020
Total		592.7653	0.0500	6.0700e-003	595.8233

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	422890	74.9977	6.3300e-003	7.7000e-004	75.3846
High Turnover (Sit Down Restaurant)	634335	112.4965	9.5000e-003	1.1500e-003	113.0768
Hotel	1.5427e+006	273.5910	0.0231	2.8000e-003	275.0024
Parking Lot	139931	24.8162	2.0900e-003	2.5000e-004	24.9442
Regional Shopping Center	267713	47.4776	4.0100e-003	4.9000e-004	47.7226
Total		533.3790	0.0450	5.4600e-003	536.1306

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5757	4.0000e-005	4.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4200e-003
Unmitigated	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0751					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.9000e-004	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Total	0.6437	8.0000e-005	8.5300e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	7.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.3000e-004	4.0000e-005	4.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4200e-003
Total	0.5757	4.0000e-005	4.9400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4200e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	71.2491	0.8654	0.0210	99.1263
Unmitigated	71.2491	0.8654	0.0210	99.1263

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.394 / 0.977554	71.2491	0.8654	0.0210	99.1263
Total		71.2491	0.8654	0.0210	99.1263

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.394 / 0.977554	71.2491	0.8654	0.0210	99.1263
Total		71.2491	0.8654	0.0210	99.1263

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	22.3488	1.3208	0.0000	55.3682
Unmitigated	89.3952	5.2831	0.0000	221.4728

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	115.19	23.3825	1.3819	0.0000	57.9292
High Turnover (Sit Down Restaurant)	178.5	36.2339	2.1414	0.0000	89.7679
Hotel	120.45	24.4503	1.4450	0.0000	60.5745
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.25	5.3285	0.3149	0.0000	13.2012
Total		89.3952	5.2831	0.0000	221.4728

Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	28.7975	5.8456	0.3455	0.0000	14.4823
High Turnover (Sit Down Restaurant)	44.625	9.0585	0.5353	0.0000	22.4420
Hotel	30.1125	6.1126	0.3612	0.0000	15.1436
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	6.5625	1.3321	0.0787	0.0000	3.3003
Total		22.3488	1.3208	0.0000	55.3682

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
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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Summit Station - Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Unrefrigerated Warehouse-No Rail	2,507.47	1000sqft	57.56	2,507,465.00	0
Parking Lot	1,815.96	1000sqft	41.69	1,815,959.00	0
City Park	46.10	Acre	46.10	2,008,116.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	96	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting, interpolated CO2e intensity factor based on RPS requirement

Land Use - Phase 1: office 50.ksf, warehouse 2507.465 ksf, landscape shown as city park 46.1 ac, parking includes stalls,drive aisles, circulation 1815.959 ksf

Construction Phase - anticipated construction schedule

Demolition - 52251 tons of debris

Grading - export 229,412 cubic yards

Architectural Coating - mitigation requires "super compliant" low VOC paint 10g/L for non residential and parking

Vehicle Trips - Per Traffic Study, total Phase 1 passenger cars, 3,033 trips / 50 KSF = 60.66

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products - project would not use consumer products as specified in definition, emission factor reduced by 50%

Area Coating - mitigation requires low VOC 10g/L

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, Mitigation requires Tier 4 Final equipment

Mobile Commute Mitigation - mitigation requires TDM program

Area Mitigation - Mitigation requires "super compliant" low VOC paint 10mg/L, electric landscape equipment

Energy Mitigation - Mitigation requires CalGreen Tier 2

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation - Mitigation requires 75% of waste be diverted from landfill

Operational Off-Road Equipment - Mitigation requires electric or alternative fuel cargo handling equipment

Fleet Mix - TIA Fleet mix, vans listed under park, trucks under warehouse, cars under office

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	0.00
tblConsumerProducts	ROG_EF	1.98E-05	9.9E-06
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	HHD	0.02	0.58
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	1.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.18	1.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.2130e-003	0.00
tblFleetMix	LHD2	6.2130e-003	0.00
tblFleetMix	LHD2	6.2130e-003	0.19
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	2.9380e-003	0.00
tblFleetMix	MH	2.9380e-003	0.00
tblFleetMix	MH	2.9380e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	5.8100e-004	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	OBUS	5.8100e-004	0.00
tblFleetMix	OBUS	5.8100e-004	0.00
tblFleetMix	SBUS	9.4600e-004	0.00
tblFleetMix	SBUS	9.4600e-004	0.00
tblFleetMix	SBUS	9.4600e-004	0.00
tblFleetMix	UBUS	2.4700e-004	0.00
tblFleetMix	UBUS	2.4700e-004	0.00
tblFleetMix	UBUS	2.4700e-004	0.00
tblLandUse	LandUseSquareFeet	2,507,470.00	2,507,465.00
tblLandUse	LandUseSquareFeet	1,815,960.00	1,815,959.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	51.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	2.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	96
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.54	4.65
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.9390e-003	3.4100e-004
tblVehicleEF	HHD	1,101.19	602.77
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4630e-003
tblVehicleEF	HHD	0.17	0.10

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	6.84	3.57
tblVehicleEF	HHD	1.69	1.00
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.4840e-003	1.4180e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3760e-003	1.3510e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.57	0.30
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	5.4480e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.66	0.42
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.43	4.59
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.8020e-003	3.2100e-004
tblVehicleEF	HHD	1,086.81	595.30
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4320e-003
tblVehicleEF	HHD	0.17	0.10
tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	6.50	3.39
tblVehicleEF	HHD	1.59	0.94
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.2060e-003	1.2730e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.1100e-003	1.2130e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-006	1.0000e-005
tblVehicleEF	HHD	4.2000e-005	1.0000e-006
tblVehicleEF	HHD	0.61	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.01	5.3770e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	3.0000e-006	1.0000e-005
tblVehicleEF	HHD	4.2000e-005	1.0000e-006
tblVehicleEF	HHD	0.70	0.44
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.69	4.73
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.9720e-003	3.3700e-004
tblVehicleEF	HHD	1,121.04	613.09
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4570e-003
tblVehicleEF	HHD	0.18	0.10
tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	7.31	3.81
tblVehicleEF	HHD	1.68	0.98
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.8670e-003	1.6170e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.7430e-003	1.5420e-003
tblVehicleEF	HHD	0.03	0.03

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.53	0.27
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.5000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	5.5450e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.60	0.39
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.5000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	6.2000e-004	9.3900e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.37	0.44
tblVehicleEF	LDA	1.30	1.45
tblVehicleEF	LDA	184.39	211.05
tblVehicleEF	LDA	36.77	50.68
tblVehicleEF	LDA	2.9620e-003	2.8210e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	6.5920e-003

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	1.8020e-003	2.8100e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	1.8240e-003	2.0860e-003
tblVehicleEF	LDA	3.6400e-004	5.0100e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	2.6150e-003	4.1000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDA	7.1000e-004	9.9800e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.46	0.59
tblVehicleEF	LDA	1.15	1.23
tblVehicleEF	LDA	200.41	228.67
tblVehicleEF	LDA	36.52	50.27
tblVehicleEF	LDA	2.8250e-003	2.5050e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.10	0.13

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.04	6.5920e-003
tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.05	0.24
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.0350e-003	2.9470e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	1.9820e-003	2.2610e-003
tblVehicleEF	LDA	3.6100e-004	4.9700e-004
tblVehicleEF	LDA	0.05	0.24
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.9550e-003	4.2990e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.11
tblVehicleEF	LDA	5.9800e-004	9.3300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.35	0.41
tblVehicleEF	LDA	1.31	1.44
tblVehicleEF	LDA	180.01	208.08
tblVehicleEF	LDA	36.81	50.66
tblVehicleEF	LDA	2.8740e-003	2.7400e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.02

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tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	6.5920e-003
tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	1.7410e-003	2.7920e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	1.7810e-003	2.0570e-003
tblVehicleEF	LDA	3.6400e-004	5.0100e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	2.5260e-003	4.0720e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDT1	8.3000e-004	1.5280e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.41	0.59
tblVehicleEF	LDT1	1.40	1.90
tblVehicleEF	LDT1	221.71	272.81
tblVehicleEF	LDT1	44.85	66.31
tblVehicleEF	LDT1	3.0670e-003	3.8170e-003
tblVehicleEF	LDT1	0.02	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.04	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	2.5700e-003	5.2140e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	2.1940e-003	2.6970e-003
tblVehicleEF	LDT1	4.4400e-004	6.5600e-004
tblVehicleEF	LDT1	0.04	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	3.7500e-003	7.6090e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	9.4900e-004	1.6230e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.51	0.79
tblVehicleEF	LDT1	1.26	1.60
tblVehicleEF	LDT1	238.49	292.79
tblVehicleEF	LDT1	44.59	65.76
tblVehicleEF	LDT1	2.9250e-003	3.3890e-003

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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.18
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.08	0.45
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	2.9140e-003	5.4680e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.07	0.15
tblVehicleEF	LDT1	2.3600e-003	2.8950e-003
tblVehicleEF	LDT1	4.4100e-004	6.5000e-004
tblVehicleEF	LDT1	0.08	0.45
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	4.2520e-003	7.9790e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.16
tblVehicleEF	LDT1	7.9500e-004	1.5180e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.39	0.55
tblVehicleEF	LDT1	1.43	1.88
tblVehicleEF	LDT1	216.55	269.43
tblVehicleEF	LDT1	44.91	66.28

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tblVehicleEF	LDT1	2.9790e-003	3.7070e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.03	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	2.4630e-003	5.1800e-003
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	2.1430e-003	2.6640e-003
tblVehicleEF	LDT1	4.4400e-004	6.5500e-004
tblVehicleEF	LDT1	0.03	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	3.5940e-003	7.5580e-003
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT2	9.7700e-004	1.3790e-003
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.46	0.57
tblVehicleEF	LDT2	1.74	1.98
tblVehicleEF	LDT2	219.97	284.91

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tblVehicleEF	LDT2	44.59	68.71
tblVehicleEF	LDT2	3.2290e-003	3.5950e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.05	0.23
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	3.1280e-003	4.3430e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	2.1760e-003	2.8160e-003
tblVehicleEF	LDT2	4.4100e-004	6.7900e-004
tblVehicleEF	LDT2	0.05	0.23
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	4.5240e-003	6.3240e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.18
tblVehicleEF	LDT2	1.1170e-003	1.4660e-003
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.57	0.76
tblVehicleEF	LDT2	1.55	1.66

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tblVehicleEF	LDT2	235.07	303.92
tblVehicleEF	LDT2	44.25	68.13
tblVehicleEF	LDT2	3.0930e-003	3.2060e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.10	0.26
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	3.5310e-003	4.5520e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	2.3250e-003	3.0040e-003
tblVehicleEF	LDT2	4.3800e-004	6.7400e-004
tblVehicleEF	LDT2	0.10	0.26
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	5.1130e-003	6.6290e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.16
tblVehicleEF	LDT2	9.3500e-004	1.3710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.43	0.53

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tblVehicleEF	LDT2	1.78	1.96
tblVehicleEF	LDT2	215.35	281.71
tblVehicleEF	LDT2	44.66	68.68
tblVehicleEF	LDT2	3.1440e-003	3.4950e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	3.0040e-003	4.3140e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	2.1300e-003	2.7850e-003
tblVehicleEF	LDT2	4.4200e-004	6.7900e-004
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	4.3420e-003	6.2820e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LHD1	3.3530e-003	2.7270e-003
tblVehicleEF	LHD1	1.2060e-003	2.0300e-004

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tblVehicleEF	LHD1	5.5990e-003	9.4360e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.22
tblVehicleEF	LHD1	0.72	1.38
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	187.93
tblVehicleEF	LHD1	8.38	10.50
tblVehicleEF	LHD1	7.3600e-004	5.0100e-004
tblVehicleEF	LHD1	0.03	8.4300e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.13	9.9600e-003
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.8360e-003
tblVehicleEF	LHD1	3.5810e-003	4.1500e-004
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5080e-003	1.4590e-003
tblVehicleEF	LHD1	3.4070e-003	3.8200e-004
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	1.4660e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.8300e-004	0.00
tblVehicleEF	LHD1	0.02	6.9800e-004
tblVehicleEF	LHD1	0.07	0.03

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tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.8580e-003
tblVehicleEF	LHD1	8.3000e-005	1.0400e-004
tblVehicleEF	LHD1	1.4660e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.8300e-004	0.00
tblVehicleEF	LHD1	0.02	1.0180e-003
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.05
tblVehicleEF	LHD1	3.3610e-003	2.7370e-003
tblVehicleEF	LHD1	1.2160e-003	6.2900e-004
tblVehicleEF	LHD1	5.4050e-003	9.0840e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.03
tblVehicleEF	LHD1	0.68	1.31
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	126.09
tblVehicleEF	LHD1	8.32	10.39
tblVehicleEF	LHD1	7.3700e-004	5.0200e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	6.0610e-003

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tblVehicleEF	LHD1	3.5810e-003	3.8770e-003
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.5150e-003
tblVehicleEF	LHD1	3.4070e-003	3.7090e-003
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	2.7280e-003	0.07
tblVehicleEF	LHD1	0.04	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	1.5950e-003	0.00
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.1950e-003
tblVehicleEF	LHD1	8.2000e-005	1.0300e-004
tblVehicleEF	LHD1	2.7280e-003	0.07
tblVehicleEF	LHD1	0.04	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.5950e-003	0.00
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.04
tblVehicleEF	LHD1	3.3520e-003	2.7280e-003
tblVehicleEF	LHD1	1.2040e-003	6.2900e-004
tblVehicleEF	LHD1	5.6210e-003	9.3800e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.03

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tblVehicleEF	LHD1	0.72	1.36
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	126.09
tblVehicleEF	LHD1	8.38	10.48
tblVehicleEF	LHD1	7.3600e-004	5.0100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	6.0610e-003
tblVehicleEF	LHD1	3.5810e-003	3.8770e-003
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.5150e-003
tblVehicleEF	LHD1	3.4070e-003	3.7090e-003
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	1.1200e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.8100e-004	0.00
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.1950e-003

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tblVehicleEF	LHD1	8.3000e-005	1.0400e-004
tblVehicleEF	LHD1	1.1200e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.8100e-004	0.00
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.05
tblVehicleEF	LHD2	2.0890e-003	1.3870e-003
tblVehicleEF	LHD2	1.4030e-003	8.9000e-005
tblVehicleEF	LHD2	3.0190e-003	4.1500e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.10
tblVehicleEF	LHD2	0.40	0.66
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	98.52
tblVehicleEF	LHD2	5.43	4.94
tblVehicleEF	LHD2	1.6200e-003	1.3550e-003
tblVehicleEF	LHD2	0.05	5.1300e-004
tblVehicleEF	LHD2	8.6140e-003	7.7950e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.24	5.6550e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	4.0220e-003
tblVehicleEF	LHD2	9.0130e-003	1.8600e-004
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003

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tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7260e-003	1.0050e-003
tblVehicleEF	LHD2	8.6130e-003	1.7100e-004
tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	8.1300e-004	0.04
tblVehicleEF	LHD2	0.02	5.6210e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	4.9500e-004	0.00
tblVehicleEF	LHD2	0.03	3.0200e-004
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	9.7400e-004
tblVehicleEF	LHD2	5.4000e-005	4.9000e-005
tblVehicleEF	LHD2	8.1300e-004	0.04
tblVehicleEF	LHD2	0.02	5.6210e-003
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.9500e-004	0.00
tblVehicleEF	LHD2	0.03	4.4100e-004
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.0930e-003	1.3920e-003
tblVehicleEF	LHD2	1.4090e-003	1.3960e-003
tblVehicleEF	LHD2	2.9150e-003	3.9950e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	0.39	0.63
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	272.09

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LHD2	5.40	4.89
tblVehicleEF	LHD2	1.6210e-003	1.3560e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	8.4590e-003	7.6120e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.23	0.29
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	8.5900e-003
tblVehicleEF	LHD2	9.0130e-003	8.5090e-003
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7260e-003	2.1470e-003
tblVehicleEF	LHD2	8.6130e-003	8.1410e-003
tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	1.5150e-003	0.04
tblVehicleEF	LHD2	0.02	5.9370e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	8.8900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	2.5780e-003
tblVehicleEF	LHD2	5.4000e-005	4.8000e-005
tblVehicleEF	LHD2	1.5150e-003	0.04
tblVehicleEF	LHD2	0.02	5.9370e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	8.8900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.0880e-003	1.3880e-003
tblVehicleEF	LHD2	1.4020e-003	1.3960e-003
tblVehicleEF	LHD2	3.0350e-003	4.1250e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	0.41	0.66
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	272.09
tblVehicleEF	LHD2	5.44	4.94
tblVehicleEF	LHD2	1.6200e-003	1.3560e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	8.6140e-003	7.7180e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.24	0.30
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	8.5900e-003
tblVehicleEF	LHD2	9.0130e-003	8.5090e-003
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7260e-003	2.1470e-003
tblVehicleEF	LHD2	8.6130e-003	8.1410e-003

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tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	6.0100e-004	0.04
tblVehicleEF	LHD2	0.02	5.6380e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	4.2900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	2.5780e-003
tblVehicleEF	LHD2	5.4000e-005	4.9000e-005
tblVehicleEF	LHD2	6.0100e-004	0.04
tblVehicleEF	LHD2	0.02	5.6380e-003
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.2900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	MCY	0.31	0.47
tblVehicleEF	MCY	0.23	0.13
tblVehicleEF	MCY	17.01	0.47
tblVehicleEF	MCY	8.78	7.41
tblVehicleEF	MCY	208.70	0.47
tblVehicleEF	MCY	56.92	38.27
tblVehicleEF	MCY	0.06	0.47
tblVehicleEF	MCY	0.01	5.0150e-003
tblVehicleEF	MCY	1.10	0.47
tblVehicleEF	MCY	0.26	0.08
tblVehicleEF	MCY	0.01	0.47

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MCY	4.0000e-003	0.47
tblVehicleEF	MCY	2.2190e-003	0.47
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.47
tblVehicleEF	MCY	1.0000e-003	0.47
tblVehicleEF	MCY	2.0690e-003	0.47
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	1.73	2.26
tblVehicleEF	MCY	0.80	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.07	0.47
tblVehicleEF	MCY	0.40	0.47
tblVehicleEF	MCY	1.73	0.95
tblVehicleEF	MCY	2.0650e-003	0.47
tblVehicleEF	MCY	5.6300e-004	3.7800e-004
tblVehicleEF	MCY	1.73	2.26
tblVehicleEF	MCY	0.80	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.60	0.47
tblVehicleEF	MCY	0.40	0.47
tblVehicleEF	MCY	1.88	1.04
tblVehicleEF	MCY	0.31	0.41
tblVehicleEF	MCY	0.21	0.12
tblVehicleEF	MCY	17.67	0.41
tblVehicleEF	MCY	8.05	6.48
tblVehicleEF	MCY	209.73	0.41
tblVehicleEF	MCY	55.20	36.47
tblVehicleEF	MCY	0.06	0.41
tblVehicleEF	MCY	0.01	4.9320e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MCY	0.96	0.41
tblVehicleEF	MCY	0.25	0.07
tblVehicleEF	MCY	0.01	0.41
tblVehicleEF	MCY	4.0000e-003	0.41
tblVehicleEF	MCY	2.2190e-003	0.41
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.41
tblVehicleEF	MCY	1.0000e-003	0.41
tblVehicleEF	MCY	2.0690e-003	0.41
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	3.44	3.13
tblVehicleEF	MCY	1.23	3.73
tblVehicleEF	MCY	2.06	0.00
tblVehicleEF	MCY	2.07	0.41
tblVehicleEF	MCY	0.40	0.41
tblVehicleEF	MCY	1.56	0.85
tblVehicleEF	MCY	2.0750e-003	0.41
tblVehicleEF	MCY	5.4600e-004	3.6100e-004
tblVehicleEF	MCY	3.44	3.13
tblVehicleEF	MCY	1.23	3.73
tblVehicleEF	MCY	2.06	0.00
tblVehicleEF	MCY	2.59	0.41
tblVehicleEF	MCY	0.40	0.41
tblVehicleEF	MCY	1.70	0.93
tblVehicleEF	MCY	0.31	0.45
tblVehicleEF	MCY	0.23	0.13
tblVehicleEF	MCY	16.66	0.45
tblVehicleEF	MCY	8.82	7.28
tblVehicleEF	MCY	208.13	0.45

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MCY	57.03	38.03
tblVehicleEF	MCY	0.06	0.45
tblVehicleEF	MCY	0.02	5.0140e-003
tblVehicleEF	MCY	1.10	0.45
tblVehicleEF	MCY	0.26	0.08
tblVehicleEF	MCY	0.01	0.45
tblVehicleEF	MCY	4.0000e-003	0.45
tblVehicleEF	MCY	2.2190e-003	0.45
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.45
tblVehicleEF	MCY	1.0000e-003	0.45
tblVehicleEF	MCY	2.0690e-003	0.45
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	1.59	2.41
tblVehicleEF	MCY	0.95	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.07	0.45
tblVehicleEF	MCY	0.47	0.45
tblVehicleEF	MCY	1.74	0.94
tblVehicleEF	MCY	2.0600e-003	0.45
tblVehicleEF	MCY	5.6400e-004	3.7600e-004
tblVehicleEF	MCY	1.59	2.41
tblVehicleEF	MCY	0.95	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.60	0.45
tblVehicleEF	MCY	0.47	0.45
tblVehicleEF	MCY	1.90	1.02
tblVehicleEF	MDV	1.0550e-003	1.5460e-003
tblVehicleEF	MDV	0.03	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.47	0.60
tblVehicleEF	MDV	1.77	2.05
tblVehicleEF	MDV	267.22	341.72
tblVehicleEF	MDV	53.47	82.52
tblVehicleEF	MDV	4.4310e-003	4.3390e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.22
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.08	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	3.5090e-003	5.1410e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.19
tblVehicleEF	MDV	2.6410e-003	3.3770e-003
tblVehicleEF	MDV	5.2900e-004	8.1600e-004
tblVehicleEF	MDV	0.08	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	5.0700e-003	7.4830e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.21
tblVehicleEF	MDV	1.2060e-003	1.6430e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.57	0.80
tblVehicleEF	MDV	1.57	1.73
tblVehicleEF	MDV	282.16	360.55
tblVehicleEF	MDV	53.12	81.91
tblVehicleEF	MDV	4.2890e-003	3.9160e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.15	0.34
tblVehicleEF	MDV	0.09	0.06
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	3.9580e-003	5.3890e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	2.7880e-003	3.5630e-003
tblVehicleEF	MDV	5.2600e-004	8.1000e-004
tblVehicleEF	MDV	0.15	0.34
tblVehicleEF	MDV	0.09	0.06
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	5.7250e-003	7.8440e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.18

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	1.0100e-003	1.5360e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.43	0.56
tblVehicleEF	MDV	1.81	2.04
tblVehicleEF	MDV	262.58	338.54
tblVehicleEF	MDV	53.55	82.49
tblVehicleEF	MDV	4.3430e-003	4.2300e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.22
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.06	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	3.3720e-003	5.1070e-003
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.11	0.19
tblVehicleEF	MDV	2.5950e-003	3.3450e-003
tblVehicleEF	MDV	5.3000e-004	8.1600e-004
tblVehicleEF	MDV	0.06	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	4.8700e-003	7.4340e-003
tblVehicleEF	MDV	0.04	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.12	0.21
tblVehicleEF	MH	2.6280e-003	1.2000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.15	1.9200e-004
tblVehicleEF	MH	1.35	1.49
tblVehicleEF	MH	1,155.13	3.9480e-003
tblVehicleEF	MH	13.26	17.86
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.78	0.98
tblVehicleEF	MH	0.22	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.4500e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.39	20.55
tblVehicleEF	MH	0.02	3.37
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	2.5670e-003	1.1960e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006
tblVehicleEF	MH	1.3100e-004	1.7700e-004
tblVehicleEF	MH	0.39	20.55
tblVehicleEF	MH	0.02	3.37

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.02	4.8300e-004
tblVehicleEF	MH	2.5670e-003	1.1960e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	2.6660e-003	1.3000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.16	1.9900e-004
tblVehicleEF	MH	1.26	1.39
tblVehicleEF	MH	1,155.13	3.9480e-003
tblVehicleEF	MH	13.12	17.68
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.73	0.92
tblVehicleEF	MH	0.21	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.3100e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.71	22.73
tblVehicleEF	MH	0.02	3.55
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	2.5690e-003	1.2080e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006

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tblVehicleEF	MH	1.3000e-004	1.7500e-004
tblVehicleEF	MH	0.71	22.73
tblVehicleEF	MH	0.02	3.55
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.02	5.2100e-004
tblVehicleEF	MH	2.5690e-003	1.2080e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	2.6210e-003	1.2000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.15	1.9400e-004
tblVehicleEF	MH	1.36	1.49
tblVehicleEF	MH	1,155.12	3.9480e-003
tblVehicleEF	MH	13.29	17.85
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.77	0.96
tblVehicleEF	MH	0.22	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.4100e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.31	20.84
tblVehicleEF	MH	0.02	3.38
tblVehicleEF	MH	0.17	0.00
tblVehicleEF	MH	0.02	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	2.7360e-003	1.2040e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006
tblVehicleEF	MH	1.3200e-004	1.7600e-004
tblVehicleEF	MH	0.31	20.84
tblVehicleEF	MH	0.02	3.38
tblVehicleEF	MH	0.17	0.00
tblVehicleEF	MH	0.02	4.8600e-004
tblVehicleEF	MH	2.7360e-003	1.2040e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MHD	3.7750e-003	0.01
tblVehicleEF	MHD	5.8100e-004	4.9710e-003
tblVehicleEF	MHD	8.0080e-003	2.4530e-003
tblVehicleEF	MHD	0.37	0.44
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.73	0.23
tblVehicleEF	MHD	50.71	98.85
tblVehicleEF	MHD	781.76	604.38
tblVehicleEF	MHD	7.86	2.54
tblVehicleEF	MHD	7.1630e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.8810e-003	1.8240e-003
tblVehicleEF	MHD	0.26	0.50
tblVehicleEF	MHD	0.79	0.15
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	7.2000e-005	1.6700e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	6.9000e-005	1.5900e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	5.5300e-004	6.9380e-003
tblVehicleEF	MHD	0.01	1.0400e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	3.2800e-004	0.00
tblVehicleEF	MHD	7.2240e-003	3.5000e-003
tblVehicleEF	MHD	0.01	3.6770e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.8200e-004	8.9300e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.8000e-005	2.5000e-005
tblVehicleEF	MHD	5.5300e-004	6.9380e-003
tblVehicleEF	MHD	0.01	1.0400e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	3.2800e-004	0.00
tblVehicleEF	MHD	8.5740e-003	8.8580e-003
tblVehicleEF	MHD	0.01	3.6770e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	3.5910e-003	0.01
tblVehicleEF	MHD	5.8800e-004	4.9740e-003
tblVehicleEF	MHD	7.7630e-003	2.3610e-003
tblVehicleEF	MHD	0.32	0.42
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.70	0.22
tblVehicleEF	MHD	50.31	97.58
tblVehicleEF	MHD	781.76	604.38

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	7.80	2.51
tblVehicleEF	MHD	7.0710e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.7720e-003	1.7830e-003
tblVehicleEF	MHD	0.25	0.48
tblVehicleEF	MHD	0.75	0.14
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	6.4000e-005	1.5000e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005
tblVehicleEF	MHD	6.1000e-005	1.4200e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	1.0540e-003	7.9730e-003
tblVehicleEF	MHD	0.02	1.1000e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	5.8500e-004	0.00
tblVehicleEF	MHD	7.2440e-003	3.5080e-003
tblVehicleEF	MHD	0.02	3.7220e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.7800e-004	8.8100e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.7000e-005	2.5000e-005
tblVehicleEF	MHD	1.0540e-003	7.9730e-003
tblVehicleEF	MHD	0.02	1.1000e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	5.8500e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	8.6030e-003	8.8700e-003
tblVehicleEF	MHD	0.02	3.7220e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.0430e-003	0.01
tblVehicleEF	MHD	5.7600e-004	4.9710e-003
tblVehicleEF	MHD	8.0810e-003	2.4290e-003
tblVehicleEF	MHD	0.45	0.47
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.74	0.23
tblVehicleEF	MHD	51.25	100.59
tblVehicleEF	MHD	781.76	604.38
tblVehicleEF	MHD	7.88	2.53
tblVehicleEF	MHD	7.2930e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.9450e-003	1.8110e-003
tblVehicleEF	MHD	0.28	0.53
tblVehicleEF	MHD	0.79	0.15
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	8.4000e-005	1.9100e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005
tblVehicleEF	MHD	8.0000e-005	1.8200e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	3.5400e-004	7.1270e-003
tblVehicleEF	MHD	0.02	1.0420e-003
tblVehicleEF	MHD	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	2.5500e-004	0.00
tblVehicleEF	MHD	7.2110e-003	3.5000e-003
tblVehicleEF	MHD	0.02	3.7100e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.8700e-004	9.1000e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.8000e-005	2.5000e-005
tblVehicleEF	MHD	3.5400e-004	7.1270e-003
tblVehicleEF	MHD	0.02	1.0420e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	2.5500e-004	0.00
tblVehicleEF	MHD	8.5540e-003	8.8590e-003
tblVehicleEF	MHD	0.02	3.7100e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	OBUS	8.0870e-003	0.03
tblVehicleEF	OBUS	1.5200e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.53	0.52
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	1.74	1.57
tblVehicleEF	OBUS	63.78	68.53
tblVehicleEF	OBUS	1,044.78	975.66
tblVehicleEF	OBUS	15.44	13.53
tblVehicleEF	OBUS	8.4460e-003	9.8920e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.29	0.18
tblVehicleEF	OBUS	0.73	0.53
tblVehicleEF	OBUS	0.84	0.48

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tblVehicleEF	OBUS	9.5000e-005	2.2200e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	9.1000e-005	2.1100e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01
tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	2.1840e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.0210e-003	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	6.0800e-004	5.8800e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5300e-004	1.3400e-004
tblVehicleEF	OBUS	2.1840e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0210e-003	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	8.1660e-003	0.03
tblVehicleEF	OBUS	1.5480e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.52	0.51

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.16	0.33
tblVehicleEF	OBUS	1.63	1.46
tblVehicleEF	OBUS	63.07	67.89
tblVehicleEF	OBUS	1,044.79	975.66
tblVehicleEF	OBUS	15.25	13.34
tblVehicleEF	OBUS	8.3380e-003	9.7930e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.27	0.17
tblVehicleEF	OBUS	0.69	0.49
tblVehicleEF	OBUS	0.83	0.48
tblVehicleEF	OBUS	8.4000e-005	1.9700e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	8.1000e-005	1.8700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01
tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	4.0050e-003	0.11
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.8520e-003	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.08	0.08
tblVehicleEF	OBUS	6.0100e-004	5.8200e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5100e-004	1.3200e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	4.0050e-003	0.11
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.8520e-003	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	8.0090e-003	0.03
tblVehicleEF	OBUS	1.5090e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.53	0.53
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	1.77	1.56
tblVehicleEF	OBUS	64.76	69.41
tblVehicleEF	OBUS	1,044.78	975.66
tblVehicleEF	OBUS	15.48	13.52
tblVehicleEF	OBUS	8.6010e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.31	0.19
tblVehicleEF	OBUS	0.73	0.52
tblVehicleEF	OBUS	0.84	0.48
tblVehicleEF	OBUS	1.0900e-004	2.5800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	1.0500e-004	2.4500e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01

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tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	1.7150e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	9.2200e-004	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	6.1700e-004	5.9600e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5300e-004	1.3400e-004
tblVehicleEF	OBUS	1.7150e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	9.2200e-004	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5600e-003	1.22
tblVehicleEF	SBUS	6.4090e-003	4.7130e-003
tblVehicleEF	SBUS	3.40	2.47
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.79	0.53
tblVehicleEF	SBUS	288.67	211.47
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	5.09	3.66
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13

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tblVehicleEF	SBUS	7.0970e-003	5.8320e-003
tblVehicleEF	SBUS	1.32	0.36
tblVehicleEF	SBUS	1.40	0.41
tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	3.6700e-004	6.0300e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	3.5100e-004	5.5700e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	2.0910e-003	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	1.0080e-003	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	2.7590e-003	6.8000e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	5.0000e-005	3.6000e-005
tblVehicleEF	SBUS	2.0910e-003	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	1.0080e-003	0.00
tblVehicleEF	SBUS	0.02	1.26

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5830e-003	1.22
tblVehicleEF	SBUS	5.3930e-003	3.9320e-003
tblVehicleEF	SBUS	3.38	2.47
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.58	0.38
tblVehicleEF	SBUS	286.51	211.57
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	4.73	3.41
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13
tblVehicleEF	SBUS	6.8630e-003	5.6140e-003
tblVehicleEF	SBUS	1.26	0.35
tblVehicleEF	SBUS	1.31	0.38
tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	3.2300e-004	5.9500e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	3.0900e-004	5.4900e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	3.7980e-003	0.11
tblVehicleEF	SBUS	0.01	0.01

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	1.8050e-003	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	2.7390e-003	6.8100e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	4.7000e-005	3.4000e-005
tblVehicleEF	SBUS	3.7980e-003	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	1.8050e-003	0.00
tblVehicleEF	SBUS	0.02	1.26
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5510e-003	1.22
tblVehicleEF	SBUS	6.7130e-003	4.7970e-003
tblVehicleEF	SBUS	3.42	2.48
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.85	0.55
tblVehicleEF	SBUS	291.66	211.34
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	5.19	3.68
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13
tblVehicleEF	SBUS	7.2070e-003	5.8810e-003
tblVehicleEF	SBUS	1.39	0.36
tblVehicleEF	SBUS	1.38	0.41

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	4.2900e-004	6.1400e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	4.1000e-004	5.6800e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	1.6520e-003	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	9.2600e-004	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	2.7870e-003	6.7800e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	5.1000e-005	3.6000e-005
tblVehicleEF	SBUS	1.6520e-003	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	9.2600e-004	0.00
tblVehicleEF	SBUS	0.02	1.26
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	UBUS	3.39	0.75

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.02	6.0320e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.42	1.26
tblVehicleEF	UBUS	1,516.05	412.60
tblVehicleEF	UBUS	14.76	7.18
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.32	0.02
tblVehicleEF	UBUS	0.17	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	2.0500e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3120e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	2.9520e-003	6.0400e-004
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4600e-004	7.1000e-005
tblVehicleEF	UBUS	2.0500e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3120e-003	0.00
tblVehicleEF	UBUS	3.46	0.76

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	2.9520e-003	6.0400e-004
tblVehicleEF	UBUS	0.09	0.02
tblVehicleEF	UBUS	3.39	0.75
tblVehicleEF	UBUS	0.02	5.4910e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.21	1.07
tblVehicleEF	UBUS	1,516.06	412.60
tblVehicleEF	UBUS	14.40	6.88
tblVehicleEF	UBUS	0.23	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.31	0.02
tblVehicleEF	UBUS	0.16	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	3.5990e-003	0.02
tblVehicleEF	UBUS	0.02	5.4450e-003
tblVehicleEF	UBUS	2.4860e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	2.8620e-003	6.2500e-004
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4200e-004	6.8000e-005
tblVehicleEF	UBUS	3.5990e-003	0.02

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.02	5.4450e-003
tblVehicleEF	UBUS	2.4860e-003	0.00
tblVehicleEF	UBUS	3.46	0.76
tblVehicleEF	UBUS	2.8620e-003	6.2500e-004
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	3.39	0.75
tblVehicleEF	UBUS	0.02	6.0650e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.41	1.27
tblVehicleEF	UBUS	1,516.05	412.60
tblVehicleEF	UBUS	14.74	7.20
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.32	0.02
tblVehicleEF	UBUS	0.16	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	1.9730e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3560e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.4640e-003	6.2900e-004
tblVehicleEF	UBUS	0.08	0.02

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4600e-004	7.1000e-005
tblVehicleEF	UBUS	1.9730e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3560e-003	0.00
tblVehicleEF	UBUS	3.46	0.76
tblVehicleEF	UBUS	3.4640e-003	6.2900e-004
tblVehicleEF	UBUS	0.09	0.02
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	100.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	60.66
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	2.19	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	SU_TR	0.70	60.66
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	60.66
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

		Highest	
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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9727	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	579.1055	579.1055	5.3300e-003	5.1000e-003	580.7581
Mobile	0.5273	0.5280	10.6230	0.0427	5.1442	0.0110	5.1552	1.2773	0.0101	1.2875	0.0000	3,919.1497	3,919.1497	0.0513	0.0768	3,943.3193
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	186.7798	363.0217	549.8014	19.1841	0.4530	1,164.3906
Total	6.5282	0.7839	10.8936	0.0442	5.1442	0.0306	5.1749	1.2773	0.0297	1.3071	675.4764	4,861.3865	5,536.8630	48.1221	0.5349	6,899.3100

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9698	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Energy	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	468.4743	468.4743	3.4900e-003	3.3400e-003	469.5569
Mobile	0.5243	0.5093	10.1549	0.0405	4.8723	0.0105	4.8828	1.2098	9.6400e-003	1.2194	0.0000	3,714.9223	3,714.9223	0.0504	0.0741	3,738.2557
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	122.1742	0.0000	122.1742	7.2203	0.0000	302.6813
Water						0.0000	0.0000		0.0000	0.0000	149.4238	294.4772	443.9011	15.3473	0.3624	935.5724
Total	6.5125	0.6770	10.3279	0.0415	4.8723	0.0233	4.8956	1.2098	0.0224	1.2322	271.5980	4,477.9330	4,749.5310	22.6215	0.4398	5,446.1284

	ROG	NOx	CO	SO2	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	0.24	13.65	5.19	6.24	5.29	23.96	5.40	5.29	24.55	5.73	59.79	7.89	14.22	52.99	17.78	21.06

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2023	3/31/2023	5	0	

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 41.69

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5,167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5243	0.5093	10.1549	0.0405	4.8723	0.0105	4.8828	1.2098	9.6400e-003	1.2194	0.0000	3,714.9223	3,714.9223	0.0504	0.0741	3,738.2557
Unmitigated	0.5273	0.5280	10.6230	0.0427	5.1442	0.0110	5.1552	1.2773	0.0101	1.2875	0.0000	3,919.1497	3,919.1497	0.0513	0.0768	3,943.3193

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
General Office Building	3,033.00	3,033.00	3,033.00	18,326,599	17,357,782
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	3,033.00	3,033.00	3,033.00	18,326,599	17,357,782

4.3 Trip Type Information

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	16.60	8.40	6.90	0.00	0.00	100.00	100	0	0
General Office Building	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.194534	0.226688	0.578778	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	286.3006	286.3006	0.0000	0.0000	286.3006
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	300.9997	300.9997	0.0000	0.0000	300.9997
Natural Gas Mitigated	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563
Natural Gas Unmitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.30233e+006	0.0178	0.1619	0.1360	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.2250	176.2250	3.3800e-003	3.2300e-003	177.2722
Total		0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	459500	20.0089	0.0000	0.0000	20.0089
Parking Lot	635586	27.6765	0.0000	0.0000	27.6765
Unrefrigerated Warehouse-No Rail	5.81732e+006	253.3144	0.0000	0.0000	253.3144
Total		300.9997	0.0000	0.0000	300.9997

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	411550	17.9209	0.0000	0.0000	17.9209
Parking Lot	635586	27.6765	0.0000	0.0000	27.6765
Unrefrigerated Warehouse-No Rail	5.52771e+006	240.7033	0.0000	0.0000	240.7033
Total		286.3006	0.0000	0.0000	286.3006

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.9698	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Unmitigated	5.9727	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.1300e-003	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168
Total	5.9727	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.1800e-003	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Total	5.9698	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	443.9011	15.3473	0.3624	935.5724
Unmitigated	549.8014	19.1841	0.4530	1,164.3906

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 54.9273	26.5729	0.0000	0.0000	26.5729
General Office Building	8.88669 / 5.44668	10.4931	0.2896	6.8400e-003	19.7700
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	579.852 / 0	512.7354	18.8945	0.4461	1,118.0477
Total		549.8014	19.1841	0.4530	1,164.3906

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 51.5767	24.9520	0.0000	0.0000	24.9520
General Office Building	7.10935 / 5.11443	8.7607	0.2317	5.4700e-003	16.1822
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	463.882 / 0	410.1884	15.1156	0.3569	894.4382
Total		443.9011	15.3473	0.3624	935.5724

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	122.1742	7.2203	0.0000	302.6813
Unmitigated	488.6967	28.8812	0.0000	1,210.7254

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.99	0.2010	0.0119	0.0000	0.4979
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	589.255	119.6134	7.0690	0.0000	296.3372
Total		122.1742	7.2203	0.0000	302.6813

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	51	8.00	365	89	0.20	Electrical
Off-Highway Trucks	2	8.00	365	402	0.38	Electrical

Summit Station - 2040 Phase 1 (mitigated) Emissions - Cars - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Highway Trucks	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Unrefrigerated Warehouse-No Rail	2,507.47	1000sqft	57.56	2,507,465.00	0
Parking Lot	1,815.96	1000sqft	41.69	1,815,959.00	0
City Park	46.10	Acre	46.10	2,008,116.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	96	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting, interpolated CO2e intensity factor based on RPS requirement

Land Use - Phase 1: office 50.ksf, warehouse 2507.465 ksf, landscape shown as city park 46.1 ac, parking includes stalls,drive aisles, circulation 1815.959 ksf

Construction Phase - operational run only

Demolition - 52251 tons of debris

Grading - export 229,412 cubic yards

Architectural Coating - mitigation requires "super compliant" low VOC paint 10g/L for non residential and parking

Vehicle Trips - Per Traffic Study, total Phase 1 trucks, 659 trips / 2,507.465 KSF = 0.23281523

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products - project would not use consumer products as specified in definition, emission factor reduced by 50%

Area Coating - mitigation requires low VOC 10g/L

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, Mitigation requires Tier 4 Final equipment

Mobile Commute Mitigation - mitigation requires TDM program

Area Mitigation - Mitigation requires "super compliant" low VOC paint 10mg/L, electric landscape equipment

Energy Mitigation - Mitigation requires CalGreen Tier 2

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation - Mitigation requires 75% of waste be diverted from landfill

Operational Off-Road Equipment - Mitigation requires electric or alternative fuel cargo handling equipment

Fleet Mix - TIA Fleet mix, vans listed under park, trucks under warehouse, cars under office

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	0.00
tblConsumerProducts	ROG_EF	1.98E-05	9.9E-06
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	HHD	0.02	0.58
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	1.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.18	1.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.2130e-003	0.00
tblFleetMix	LHD2	6.2130e-003	0.00
tblFleetMix	LHD2	6.2130e-003	0.19
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	2.9380e-003	0.00
tblFleetMix	MH	2.9380e-003	0.00
tblFleetMix	MH	2.9380e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	5.8100e-004	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	OBUS	5.8100e-004	0.00
tblFleetMix	OBUS	5.8100e-004	0.00
tblFleetMix	SBUS	9.4600e-004	0.00
tblFleetMix	SBUS	9.4600e-004	0.00
tblFleetMix	SBUS	9.4600e-004	0.00
tblFleetMix	UBUS	2.4700e-004	0.00
tblFleetMix	UBUS	2.4700e-004	0.00
tblFleetMix	UBUS	2.4700e-004	0.00
tblLandUse	LandUseSquareFeet	2,507,470.00	2,507,465.00
tblLandUse	LandUseSquareFeet	1,815,960.00	1,815,959.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	51.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	2.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	96
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.54	4.65
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.9390e-003	3.4100e-004
tblVehicleEF	HHD	1,101.19	602.77
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4630e-003
tblVehicleEF	HHD	0.17	0.10

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	6.84	3.57
tblVehicleEF	HHD	1.69	1.00
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.4840e-003	1.4180e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3760e-003	1.3510e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.57	0.30
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	5.4480e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.66	0.42
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.43	4.59
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.8020e-003	3.2100e-004
tblVehicleEF	HHD	1,086.81	595.30
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4320e-003
tblVehicleEF	HHD	0.17	0.10
tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	6.50	3.39
tblVehicleEF	HHD	1.59	0.94
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.2060e-003	1.2730e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.1100e-003	1.2130e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-006	1.0000e-005
tblVehicleEF	HHD	4.2000e-005	1.0000e-006
tblVehicleEF	HHD	0.61	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00

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tblVehicleEF	HHD	0.01	5.3770e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	3.0000e-006	1.0000e-005
tblVehicleEF	HHD	4.2000e-005	1.0000e-006
tblVehicleEF	HHD	0.70	0.44
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.69	4.73
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.9720e-003	3.3700e-004
tblVehicleEF	HHD	1,121.04	613.09
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4570e-003
tblVehicleEF	HHD	0.18	0.10
tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	7.31	3.81
tblVehicleEF	HHD	1.68	0.98
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.8670e-003	1.6170e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.7430e-003	1.5420e-003
tblVehicleEF	HHD	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.53	0.27
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.5000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	5.5450e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.60	0.39
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.5000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	6.2000e-004	9.3900e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.37	0.44
tblVehicleEF	LDA	1.30	1.45
tblVehicleEF	LDA	184.39	211.05
tblVehicleEF	LDA	36.77	50.68
tblVehicleEF	LDA	2.9620e-003	2.8210e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	6.5920e-003

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tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	1.8020e-003	2.8100e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	1.8240e-003	2.0860e-003
tblVehicleEF	LDA	3.6400e-004	5.0100e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	2.6150e-003	4.1000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDA	7.1000e-004	9.9800e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.46	0.59
tblVehicleEF	LDA	1.15	1.23
tblVehicleEF	LDA	200.41	228.67
tblVehicleEF	LDA	36.52	50.27
tblVehicleEF	LDA	2.8250e-003	2.5050e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.10	0.13

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tblVehicleEF	LDA	0.04	6.5920e-003
tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.05	0.24
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.0350e-003	2.9470e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	1.9820e-003	2.2610e-003
tblVehicleEF	LDA	3.6100e-004	4.9700e-004
tblVehicleEF	LDA	0.05	0.24
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.9550e-003	4.2990e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.11
tblVehicleEF	LDA	5.9800e-004	9.3300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.35	0.41
tblVehicleEF	LDA	1.31	1.44
tblVehicleEF	LDA	180.01	208.08
tblVehicleEF	LDA	36.81	50.66
tblVehicleEF	LDA	2.8740e-003	2.7400e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.02

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tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	6.5920e-003
tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	1.7410e-003	2.7920e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	1.7810e-003	2.0570e-003
tblVehicleEF	LDA	3.6400e-004	5.0100e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	2.5260e-003	4.0720e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDT1	8.3000e-004	1.5280e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.41	0.59
tblVehicleEF	LDT1	1.40	1.90
tblVehicleEF	LDT1	221.71	272.81
tblVehicleEF	LDT1	44.85	66.31
tblVehicleEF	LDT1	3.0670e-003	3.8170e-003
tblVehicleEF	LDT1	0.02	0.03

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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.04	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	2.5700e-003	5.2140e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	2.1940e-003	2.6970e-003
tblVehicleEF	LDT1	4.4400e-004	6.5600e-004
tblVehicleEF	LDT1	0.04	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	3.7500e-003	7.6090e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	9.4900e-004	1.6230e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.51	0.79
tblVehicleEF	LDT1	1.26	1.60
tblVehicleEF	LDT1	238.49	292.79
tblVehicleEF	LDT1	44.59	65.76
tblVehicleEF	LDT1	2.9250e-003	3.3890e-003

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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.18
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.08	0.45
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	2.9140e-003	5.4680e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.07	0.15
tblVehicleEF	LDT1	2.3600e-003	2.8950e-003
tblVehicleEF	LDT1	4.4100e-004	6.5000e-004
tblVehicleEF	LDT1	0.08	0.45
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	4.2520e-003	7.9790e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.16
tblVehicleEF	LDT1	7.9500e-004	1.5180e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.39	0.55
tblVehicleEF	LDT1	1.43	1.88
tblVehicleEF	LDT1	216.55	269.43
tblVehicleEF	LDT1	44.91	66.28

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tblVehicleEF	LDT1	2.9790e-003	3.7070e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.03	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	2.4630e-003	5.1800e-003
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	2.1430e-003	2.6640e-003
tblVehicleEF	LDT1	4.4400e-004	6.5500e-004
tblVehicleEF	LDT1	0.03	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	3.5940e-003	7.5580e-003
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT2	9.7700e-004	1.3790e-003
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.46	0.57
tblVehicleEF	LDT2	1.74	1.98
tblVehicleEF	LDT2	219.97	284.91

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tblVehicleEF	LDT2	44.59	68.71
tblVehicleEF	LDT2	3.2290e-003	3.5950e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.05	0.23
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	3.1280e-003	4.3430e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	2.1760e-003	2.8160e-003
tblVehicleEF	LDT2	4.4100e-004	6.7900e-004
tblVehicleEF	LDT2	0.05	0.23
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	4.5240e-003	6.3240e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.18
tblVehicleEF	LDT2	1.1170e-003	1.4660e-003
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.57	0.76
tblVehicleEF	LDT2	1.55	1.66

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tblVehicleEF	LDT2	235.07	303.92
tblVehicleEF	LDT2	44.25	68.13
tblVehicleEF	LDT2	3.0930e-003	3.2060e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.10	0.26
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	3.5310e-003	4.5520e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	2.3250e-003	3.0040e-003
tblVehicleEF	LDT2	4.3800e-004	6.7400e-004
tblVehicleEF	LDT2	0.10	0.26
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	5.1130e-003	6.6290e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.16
tblVehicleEF	LDT2	9.3500e-004	1.3710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.43	0.53

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tblVehicleEF	LDT2	1.78	1.96
tblVehicleEF	LDT2	215.35	281.71
tblVehicleEF	LDT2	44.66	68.68
tblVehicleEF	LDT2	3.1440e-003	3.4950e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	3.0040e-003	4.3140e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	2.1300e-003	2.7850e-003
tblVehicleEF	LDT2	4.4200e-004	6.7900e-004
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	4.3420e-003	6.2820e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LHD1	3.3530e-003	2.7270e-003
tblVehicleEF	LHD1	1.2060e-003	2.0300e-004

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tblVehicleEF	LHD1	5.5990e-003	9.4360e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.22
tblVehicleEF	LHD1	0.72	1.38
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	187.93
tblVehicleEF	LHD1	8.38	10.50
tblVehicleEF	LHD1	7.3600e-004	5.0100e-004
tblVehicleEF	LHD1	0.03	8.4300e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.13	9.9600e-003
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.8360e-003
tblVehicleEF	LHD1	3.5810e-003	4.1500e-004
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5080e-003	1.4590e-003
tblVehicleEF	LHD1	3.4070e-003	3.8200e-004
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	1.4660e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.8300e-004	0.00
tblVehicleEF	LHD1	0.02	6.9800e-004
tblVehicleEF	LHD1	0.07	0.03

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tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.8580e-003
tblVehicleEF	LHD1	8.3000e-005	1.0400e-004
tblVehicleEF	LHD1	1.4660e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.8300e-004	0.00
tblVehicleEF	LHD1	0.02	1.0180e-003
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.05
tblVehicleEF	LHD1	3.3610e-003	2.7370e-003
tblVehicleEF	LHD1	1.2160e-003	6.2900e-004
tblVehicleEF	LHD1	5.4050e-003	9.0840e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.03
tblVehicleEF	LHD1	0.68	1.31
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	126.09
tblVehicleEF	LHD1	8.32	10.39
tblVehicleEF	LHD1	7.3700e-004	5.0200e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	6.0610e-003

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tblVehicleEF	LHD1	3.5810e-003	3.8770e-003
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.5150e-003
tblVehicleEF	LHD1	3.4070e-003	3.7090e-003
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	2.7280e-003	0.07
tblVehicleEF	LHD1	0.04	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	1.5950e-003	0.00
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.1950e-003
tblVehicleEF	LHD1	8.2000e-005	1.0300e-004
tblVehicleEF	LHD1	2.7280e-003	0.07
tblVehicleEF	LHD1	0.04	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.5950e-003	0.00
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.04
tblVehicleEF	LHD1	3.3520e-003	2.7280e-003
tblVehicleEF	LHD1	1.2040e-003	6.2900e-004
tblVehicleEF	LHD1	5.6210e-003	9.3800e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.03

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tblVehicleEF	LHD1	0.72	1.36
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	126.09
tblVehicleEF	LHD1	8.38	10.48
tblVehicleEF	LHD1	7.3600e-004	5.0100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	6.0610e-003
tblVehicleEF	LHD1	3.5810e-003	3.8770e-003
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.5150e-003
tblVehicleEF	LHD1	3.4070e-003	3.7090e-003
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	1.1200e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.8100e-004	0.00
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.1950e-003

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tblVehicleEF	LHD1	8.3000e-005	1.0400e-004
tblVehicleEF	LHD1	1.1200e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.8100e-004	0.00
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.05
tblVehicleEF	LHD2	2.0890e-003	1.3870e-003
tblVehicleEF	LHD2	1.4030e-003	8.9000e-005
tblVehicleEF	LHD2	3.0190e-003	4.1500e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.10
tblVehicleEF	LHD2	0.40	0.66
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	98.52
tblVehicleEF	LHD2	5.43	4.94
tblVehicleEF	LHD2	1.6200e-003	1.3550e-003
tblVehicleEF	LHD2	0.05	5.1300e-004
tblVehicleEF	LHD2	8.6140e-003	7.7950e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.24	5.6550e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	4.0220e-003
tblVehicleEF	LHD2	9.0130e-003	1.8600e-004
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003

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tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7260e-003	1.0050e-003
tblVehicleEF	LHD2	8.6130e-003	1.7100e-004
tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	8.1300e-004	0.04
tblVehicleEF	LHD2	0.02	5.6210e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	4.9500e-004	0.00
tblVehicleEF	LHD2	0.03	3.0200e-004
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	9.7400e-004
tblVehicleEF	LHD2	5.4000e-005	4.9000e-005
tblVehicleEF	LHD2	8.1300e-004	0.04
tblVehicleEF	LHD2	0.02	5.6210e-003
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.9500e-004	0.00
tblVehicleEF	LHD2	0.03	4.4100e-004
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.0930e-003	1.3920e-003
tblVehicleEF	LHD2	1.4090e-003	1.3960e-003
tblVehicleEF	LHD2	2.9150e-003	3.9950e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	0.39	0.63
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	272.09

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tblVehicleEF	LHD2	5.40	4.89
tblVehicleEF	LHD2	1.6210e-003	1.3560e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	8.4590e-003	7.6120e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.23	0.29
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	8.5900e-003
tblVehicleEF	LHD2	9.0130e-003	8.5090e-003
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7260e-003	2.1470e-003
tblVehicleEF	LHD2	8.6130e-003	8.1410e-003
tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	1.5150e-003	0.04
tblVehicleEF	LHD2	0.02	5.9370e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	8.8900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	2.5780e-003
tblVehicleEF	LHD2	5.4000e-005	4.8000e-005
tblVehicleEF	LHD2	1.5150e-003	0.04
tblVehicleEF	LHD2	0.02	5.9370e-003

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tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	8.8900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.0880e-003	1.3880e-003
tblVehicleEF	LHD2	1.4020e-003	1.3960e-003
tblVehicleEF	LHD2	3.0350e-003	4.1250e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	0.41	0.66
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	272.09
tblVehicleEF	LHD2	5.44	4.94
tblVehicleEF	LHD2	1.6200e-003	1.3560e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	8.6140e-003	7.7180e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.24	0.30
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	8.5900e-003
tblVehicleEF	LHD2	9.0130e-003	8.5090e-003
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7260e-003	2.1470e-003
tblVehicleEF	LHD2	8.6130e-003	8.1410e-003

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tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	6.0100e-004	0.04
tblVehicleEF	LHD2	0.02	5.6380e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	4.2900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	2.5780e-003
tblVehicleEF	LHD2	5.4000e-005	4.9000e-005
tblVehicleEF	LHD2	6.0100e-004	0.04
tblVehicleEF	LHD2	0.02	5.6380e-003
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.2900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	MCY	0.31	0.47
tblVehicleEF	MCY	0.23	0.13
tblVehicleEF	MCY	17.01	0.47
tblVehicleEF	MCY	8.78	7.41
tblVehicleEF	MCY	208.70	0.47
tblVehicleEF	MCY	56.92	38.27
tblVehicleEF	MCY	0.06	0.47
tblVehicleEF	MCY	0.01	5.0150e-003
tblVehicleEF	MCY	1.10	0.47
tblVehicleEF	MCY	0.26	0.08
tblVehicleEF	MCY	0.01	0.47

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tblVehicleEF	MCY	4.0000e-003	0.47
tblVehicleEF	MCY	2.2190e-003	0.47
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.47
tblVehicleEF	MCY	1.0000e-003	0.47
tblVehicleEF	MCY	2.0690e-003	0.47
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	1.73	2.26
tblVehicleEF	MCY	0.80	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.07	0.47
tblVehicleEF	MCY	0.40	0.47
tblVehicleEF	MCY	1.73	0.95
tblVehicleEF	MCY	2.0650e-003	0.47
tblVehicleEF	MCY	5.6300e-004	3.7800e-004
tblVehicleEF	MCY	1.73	2.26
tblVehicleEF	MCY	0.80	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.60	0.47
tblVehicleEF	MCY	0.40	0.47
tblVehicleEF	MCY	1.88	1.04
tblVehicleEF	MCY	0.31	0.41
tblVehicleEF	MCY	0.21	0.12
tblVehicleEF	MCY	17.67	0.41
tblVehicleEF	MCY	8.05	6.48
tblVehicleEF	MCY	209.73	0.41
tblVehicleEF	MCY	55.20	36.47
tblVehicleEF	MCY	0.06	0.41
tblVehicleEF	MCY	0.01	4.9320e-003

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tblVehicleEF	MCY	0.96	0.41
tblVehicleEF	MCY	0.25	0.07
tblVehicleEF	MCY	0.01	0.41
tblVehicleEF	MCY	4.0000e-003	0.41
tblVehicleEF	MCY	2.2190e-003	0.41
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.41
tblVehicleEF	MCY	1.0000e-003	0.41
tblVehicleEF	MCY	2.0690e-003	0.41
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	3.44	3.13
tblVehicleEF	MCY	1.23	3.73
tblVehicleEF	MCY	2.06	0.00
tblVehicleEF	MCY	2.07	0.41
tblVehicleEF	MCY	0.40	0.41
tblVehicleEF	MCY	1.56	0.85
tblVehicleEF	MCY	2.0750e-003	0.41
tblVehicleEF	MCY	5.4600e-004	3.6100e-004
tblVehicleEF	MCY	3.44	3.13
tblVehicleEF	MCY	1.23	3.73
tblVehicleEF	MCY	2.06	0.00
tblVehicleEF	MCY	2.59	0.41
tblVehicleEF	MCY	0.40	0.41
tblVehicleEF	MCY	1.70	0.93
tblVehicleEF	MCY	0.31	0.45
tblVehicleEF	MCY	0.23	0.13
tblVehicleEF	MCY	16.66	0.45
tblVehicleEF	MCY	8.82	7.28
tblVehicleEF	MCY	208.13	0.45

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tblVehicleEF	MCY	57.03	38.03
tblVehicleEF	MCY	0.06	0.45
tblVehicleEF	MCY	0.02	5.0140e-003
tblVehicleEF	MCY	1.10	0.45
tblVehicleEF	MCY	0.26	0.08
tblVehicleEF	MCY	0.01	0.45
tblVehicleEF	MCY	4.0000e-003	0.45
tblVehicleEF	MCY	2.2190e-003	0.45
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.45
tblVehicleEF	MCY	1.0000e-003	0.45
tblVehicleEF	MCY	2.0690e-003	0.45
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	1.59	2.41
tblVehicleEF	MCY	0.95	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.07	0.45
tblVehicleEF	MCY	0.47	0.45
tblVehicleEF	MCY	1.74	0.94
tblVehicleEF	MCY	2.0600e-003	0.45
tblVehicleEF	MCY	5.6400e-004	3.7600e-004
tblVehicleEF	MCY	1.59	2.41
tblVehicleEF	MCY	0.95	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.60	0.45
tblVehicleEF	MCY	0.47	0.45
tblVehicleEF	MCY	1.90	1.02
tblVehicleEF	MDV	1.0550e-003	1.5460e-003
tblVehicleEF	MDV	0.03	0.05

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tblVehicleEF	MDV	0.47	0.60
tblVehicleEF	MDV	1.77	2.05
tblVehicleEF	MDV	267.22	341.72
tblVehicleEF	MDV	53.47	82.52
tblVehicleEF	MDV	4.4310e-003	4.3390e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.22
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.08	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	3.5090e-003	5.1410e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.19
tblVehicleEF	MDV	2.6410e-003	3.3770e-003
tblVehicleEF	MDV	5.2900e-004	8.1600e-004
tblVehicleEF	MDV	0.08	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	5.0700e-003	7.4830e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.21
tblVehicleEF	MDV	1.2060e-003	1.6430e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.57	0.80
tblVehicleEF	MDV	1.57	1.73
tblVehicleEF	MDV	282.16	360.55
tblVehicleEF	MDV	53.12	81.91
tblVehicleEF	MDV	4.2890e-003	3.9160e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.15	0.34
tblVehicleEF	MDV	0.09	0.06
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	3.9580e-003	5.3890e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	2.7880e-003	3.5630e-003
tblVehicleEF	MDV	5.2600e-004	8.1000e-004
tblVehicleEF	MDV	0.15	0.34
tblVehicleEF	MDV	0.09	0.06
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	5.7250e-003	7.8440e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.18

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	1.0100e-003	1.5360e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.43	0.56
tblVehicleEF	MDV	1.81	2.04
tblVehicleEF	MDV	262.58	338.54
tblVehicleEF	MDV	53.55	82.49
tblVehicleEF	MDV	4.3430e-003	4.2300e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.22
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.06	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	3.3720e-003	5.1070e-003
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.11	0.19
tblVehicleEF	MDV	2.5950e-003	3.3450e-003
tblVehicleEF	MDV	5.3000e-004	8.1600e-004
tblVehicleEF	MDV	0.06	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	4.8700e-003	7.4340e-003
tblVehicleEF	MDV	0.04	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MDV	0.12	0.21
tblVehicleEF	MH	2.6280e-003	1.2000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.15	1.9200e-004
tblVehicleEF	MH	1.35	1.49
tblVehicleEF	MH	1,155.13	3.9480e-003
tblVehicleEF	MH	13.26	17.86
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.78	0.98
tblVehicleEF	MH	0.22	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.4500e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.39	20.55
tblVehicleEF	MH	0.02	3.37
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	2.5670e-003	1.1960e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006
tblVehicleEF	MH	1.3100e-004	1.7700e-004
tblVehicleEF	MH	0.39	20.55
tblVehicleEF	MH	0.02	3.37

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.02	4.8300e-004
tblVehicleEF	MH	2.5670e-003	1.1960e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	2.6660e-003	1.3000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.16	1.9900e-004
tblVehicleEF	MH	1.26	1.39
tblVehicleEF	MH	1,155.13	3.9480e-003
tblVehicleEF	MH	13.12	17.68
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.73	0.92
tblVehicleEF	MH	0.21	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.3100e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.71	22.73
tblVehicleEF	MH	0.02	3.55
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	2.5690e-003	1.2080e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	1.3000e-004	1.7500e-004
tblVehicleEF	MH	0.71	22.73
tblVehicleEF	MH	0.02	3.55
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.02	5.2100e-004
tblVehicleEF	MH	2.5690e-003	1.2080e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	2.6210e-003	1.2000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.15	1.9400e-004
tblVehicleEF	MH	1.36	1.49
tblVehicleEF	MH	1,155.12	3.9480e-003
tblVehicleEF	MH	13.29	17.85
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.77	0.96
tblVehicleEF	MH	0.22	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.4100e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.31	20.84
tblVehicleEF	MH	0.02	3.38
tblVehicleEF	MH	0.17	0.00
tblVehicleEF	MH	0.02	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	2.7360e-003	1.2040e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006
tblVehicleEF	MH	1.3200e-004	1.7600e-004
tblVehicleEF	MH	0.31	20.84
tblVehicleEF	MH	0.02	3.38
tblVehicleEF	MH	0.17	0.00
tblVehicleEF	MH	0.02	4.8600e-004
tblVehicleEF	MH	2.7360e-003	1.2040e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MHD	3.7750e-003	0.01
tblVehicleEF	MHD	5.8100e-004	4.9710e-003
tblVehicleEF	MHD	8.0080e-003	2.4530e-003
tblVehicleEF	MHD	0.37	0.44
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.73	0.23
tblVehicleEF	MHD	50.71	98.85
tblVehicleEF	MHD	781.76	604.38
tblVehicleEF	MHD	7.86	2.54
tblVehicleEF	MHD	7.1630e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.8810e-003	1.8240e-003
tblVehicleEF	MHD	0.26	0.50
tblVehicleEF	MHD	0.79	0.15
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	7.2000e-005	1.6700e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	6.9000e-005	1.5900e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	5.5300e-004	6.9380e-003
tblVehicleEF	MHD	0.01	1.0400e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	3.2800e-004	0.00
tblVehicleEF	MHD	7.2240e-003	3.5000e-003
tblVehicleEF	MHD	0.01	3.6770e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.8200e-004	8.9300e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.8000e-005	2.5000e-005
tblVehicleEF	MHD	5.5300e-004	6.9380e-003
tblVehicleEF	MHD	0.01	1.0400e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	3.2800e-004	0.00
tblVehicleEF	MHD	8.5740e-003	8.8580e-003
tblVehicleEF	MHD	0.01	3.6770e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	3.5910e-003	0.01
tblVehicleEF	MHD	5.8800e-004	4.9740e-003
tblVehicleEF	MHD	7.7630e-003	2.3610e-003
tblVehicleEF	MHD	0.32	0.42
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.70	0.22
tblVehicleEF	MHD	50.31	97.58
tblVehicleEF	MHD	781.76	604.38

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	7.80	2.51
tblVehicleEF	MHD	7.0710e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.7720e-003	1.7830e-003
tblVehicleEF	MHD	0.25	0.48
tblVehicleEF	MHD	0.75	0.14
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	6.4000e-005	1.5000e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005
tblVehicleEF	MHD	6.1000e-005	1.4200e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	1.0540e-003	7.9730e-003
tblVehicleEF	MHD	0.02	1.1000e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	5.8500e-004	0.00
tblVehicleEF	MHD	7.2440e-003	3.5080e-003
tblVehicleEF	MHD	0.02	3.7220e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.7800e-004	8.8100e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.7000e-005	2.5000e-005
tblVehicleEF	MHD	1.0540e-003	7.9730e-003
tblVehicleEF	MHD	0.02	1.1000e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	5.8500e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	8.6030e-003	8.8700e-003
tblVehicleEF	MHD	0.02	3.7220e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.0430e-003	0.01
tblVehicleEF	MHD	5.7600e-004	4.9710e-003
tblVehicleEF	MHD	8.0810e-003	2.4290e-003
tblVehicleEF	MHD	0.45	0.47
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.74	0.23
tblVehicleEF	MHD	51.25	100.59
tblVehicleEF	MHD	781.76	604.38
tblVehicleEF	MHD	7.88	2.53
tblVehicleEF	MHD	7.2930e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.9450e-003	1.8110e-003
tblVehicleEF	MHD	0.28	0.53
tblVehicleEF	MHD	0.79	0.15
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	8.4000e-005	1.9100e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005
tblVehicleEF	MHD	8.0000e-005	1.8200e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	3.5400e-004	7.1270e-003
tblVehicleEF	MHD	0.02	1.0420e-003
tblVehicleEF	MHD	0.02	0.01

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tblVehicleEF	MHD	2.5500e-004	0.00
tblVehicleEF	MHD	7.2110e-003	3.5000e-003
tblVehicleEF	MHD	0.02	3.7100e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.8700e-004	9.1000e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.8000e-005	2.5000e-005
tblVehicleEF	MHD	3.5400e-004	7.1270e-003
tblVehicleEF	MHD	0.02	1.0420e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	2.5500e-004	0.00
tblVehicleEF	MHD	8.5540e-003	8.8590e-003
tblVehicleEF	MHD	0.02	3.7100e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	OBUS	8.0870e-003	0.03
tblVehicleEF	OBUS	1.5200e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.53	0.52
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	1.74	1.57
tblVehicleEF	OBUS	63.78	68.53
tblVehicleEF	OBUS	1,044.78	975.66
tblVehicleEF	OBUS	15.44	13.53
tblVehicleEF	OBUS	8.4460e-003	9.8920e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.29	0.18
tblVehicleEF	OBUS	0.73	0.53
tblVehicleEF	OBUS	0.84	0.48

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tblVehicleEF	OBUS	9.5000e-005	2.2200e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	9.1000e-005	2.1100e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01
tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	2.1840e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.0210e-003	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	6.0800e-004	5.8800e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5300e-004	1.3400e-004
tblVehicleEF	OBUS	2.1840e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0210e-003	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	8.1660e-003	0.03
tblVehicleEF	OBUS	1.5480e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.52	0.51

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.16	0.33
tblVehicleEF	OBUS	1.63	1.46
tblVehicleEF	OBUS	63.07	67.89
tblVehicleEF	OBUS	1,044.79	975.66
tblVehicleEF	OBUS	15.25	13.34
tblVehicleEF	OBUS	8.3380e-003	9.7930e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.27	0.17
tblVehicleEF	OBUS	0.69	0.49
tblVehicleEF	OBUS	0.83	0.48
tblVehicleEF	OBUS	8.4000e-005	1.9700e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	8.1000e-005	1.8700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01
tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	4.0050e-003	0.11
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.8520e-003	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.08	0.08
tblVehicleEF	OBUS	6.0100e-004	5.8200e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5100e-004	1.3200e-004

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	4.0050e-003	0.11
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.8520e-003	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	8.0090e-003	0.03
tblVehicleEF	OBUS	1.5090e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.53	0.53
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	1.77	1.56
tblVehicleEF	OBUS	64.76	69.41
tblVehicleEF	OBUS	1,044.78	975.66
tblVehicleEF	OBUS	15.48	13.52
tblVehicleEF	OBUS	8.6010e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.31	0.19
tblVehicleEF	OBUS	0.73	0.52
tblVehicleEF	OBUS	0.84	0.48
tblVehicleEF	OBUS	1.0900e-004	2.5800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	1.0500e-004	2.4500e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	1.7150e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	9.2200e-004	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	6.1700e-004	5.9600e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5300e-004	1.3400e-004
tblVehicleEF	OBUS	1.7150e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	9.2200e-004	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5600e-003	1.22
tblVehicleEF	SBUS	6.4090e-003	4.7130e-003
tblVehicleEF	SBUS	3.40	2.47
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.79	0.53
tblVehicleEF	SBUS	288.67	211.47
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	5.09	3.66
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	7.0970e-003	5.8320e-003
tblVehicleEF	SBUS	1.32	0.36
tblVehicleEF	SBUS	1.40	0.41
tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	3.6700e-004	6.0300e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	3.5100e-004	5.5700e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	2.0910e-003	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	1.0080e-003	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	2.7590e-003	6.8000e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	5.0000e-005	3.6000e-005
tblVehicleEF	SBUS	2.0910e-003	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	1.0080e-003	0.00
tblVehicleEF	SBUS	0.02	1.26

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5830e-003	1.22
tblVehicleEF	SBUS	5.3930e-003	3.9320e-003
tblVehicleEF	SBUS	3.38	2.47
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.58	0.38
tblVehicleEF	SBUS	286.51	211.57
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	4.73	3.41
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13
tblVehicleEF	SBUS	6.8630e-003	5.6140e-003
tblVehicleEF	SBUS	1.26	0.35
tblVehicleEF	SBUS	1.31	0.38
tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	3.2300e-004	5.9500e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	3.0900e-004	5.4900e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	3.7980e-003	0.11
tblVehicleEF	SBUS	0.01	0.01

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	1.8050e-003	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	2.7390e-003	6.8100e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	4.7000e-005	3.4000e-005
tblVehicleEF	SBUS	3.7980e-003	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	1.8050e-003	0.00
tblVehicleEF	SBUS	0.02	1.26
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5510e-003	1.22
tblVehicleEF	SBUS	6.7130e-003	4.7970e-003
tblVehicleEF	SBUS	3.42	2.48
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.85	0.55
tblVehicleEF	SBUS	291.66	211.34
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	5.19	3.68
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13
tblVehicleEF	SBUS	7.2070e-003	5.8810e-003
tblVehicleEF	SBUS	1.39	0.36
tblVehicleEF	SBUS	1.38	0.41

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	4.2900e-004	6.1400e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	4.1000e-004	5.6800e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	1.6520e-003	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	9.2600e-004	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	2.7870e-003	6.7800e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	5.1000e-005	3.6000e-005
tblVehicleEF	SBUS	1.6520e-003	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	9.2600e-004	0.00
tblVehicleEF	SBUS	0.02	1.26
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	UBUS	3.39	0.75

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.02	6.0320e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.42	1.26
tblVehicleEF	UBUS	1,516.05	412.60
tblVehicleEF	UBUS	14.76	7.18
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.32	0.02
tblVehicleEF	UBUS	0.17	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	2.0500e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3120e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	2.9520e-003	6.0400e-004
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4600e-004	7.1000e-005
tblVehicleEF	UBUS	2.0500e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3120e-003	0.00
tblVehicleEF	UBUS	3.46	0.76

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	2.9520e-003	6.0400e-004
tblVehicleEF	UBUS	0.09	0.02
tblVehicleEF	UBUS	3.39	0.75
tblVehicleEF	UBUS	0.02	5.4910e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.21	1.07
tblVehicleEF	UBUS	1,516.06	412.60
tblVehicleEF	UBUS	14.40	6.88
tblVehicleEF	UBUS	0.23	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.31	0.02
tblVehicleEF	UBUS	0.16	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	3.5990e-003	0.02
tblVehicleEF	UBUS	0.02	5.4450e-003
tblVehicleEF	UBUS	2.4860e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	2.8620e-003	6.2500e-004
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4200e-004	6.8000e-005
tblVehicleEF	UBUS	3.5990e-003	0.02

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.02	5.4450e-003
tblVehicleEF	UBUS	2.4860e-003	0.00
tblVehicleEF	UBUS	3.46	0.76
tblVehicleEF	UBUS	2.8620e-003	6.2500e-004
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	3.39	0.75
tblVehicleEF	UBUS	0.02	6.0650e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.41	1.27
tblVehicleEF	UBUS	1,516.05	412.60
tblVehicleEF	UBUS	14.74	7.20
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.32	0.02
tblVehicleEF	UBUS	0.16	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	1.9730e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3560e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.4640e-003	6.2900e-004
tblVehicleEF	UBUS	0.08	0.02

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4600e-004	7.1000e-005
tblVehicleEF	UBUS	1.9730e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3560e-003	0.00
tblVehicleEF	UBUS	3.46	0.76
tblVehicleEF	UBUS	3.4640e-003	6.2900e-004
tblVehicleEF	UBUS	0.09	0.02
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TTP	19.00	100.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	1.74	0.23

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	1.74	0.23
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	1.74	0.23

2.0 Emissions Summary

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

		Highest		
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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9727	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168
Energy	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	579.1055	579.1055	5.3300e-003	5.1000e-003	580.7581
Mobile	0.0940	5.6169	1.4013	0.0584	2.4922	0.1070	2.5992	0.6585	0.1024	0.7609	0.0000	5,687.9732	5,687.9732	0.0939	0.8679	5,948.9498
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	488.6967	0.0000	488.6967	28.8812	0.0000	1,210.7254
Water						0.0000	0.0000		0.0000	0.0000	186.7798	363.0217	549.8014	19.1841	0.4530	1,164.3906
Total	6.0948	5.8729	1.6719	0.0599	2.4922	0.1266	2.6189	0.6585	0.1220	0.7805	675.4764	6,630.2100	7,305.6865	48.1647	1.3260	8,904.9405

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.9698	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Energy	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	468.4743	468.4743	3.4900e-003	3.3400e-003	469.5569
Mobile	0.0940	5.6169	1.4013	0.0584	2.4922	0.1070	2.5992	0.6585	0.1024	0.7609	0.0000	5,687.9732	5,687.9732	0.0939	0.8679	5,948.9498
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	122.1742	0.0000	122.1742	7.2203	0.0000	302.6813
Water						0.0000	0.0000		0.0000	0.0000	149.4238	294.4772	443.9011	15.3473	0.3624	935.5724
Total	6.0822	5.7846	1.5743	0.0594	2.4922	0.1198	2.6120	0.6585	0.1152	0.7737	271.5980	6,450.9839	6,722.5819	22.6650	1.2336	7,656.8225

	ROG	NOx	CO	SO2	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	0.21	1.50	5.84	0.88	0.00	5.39	0.26	0.00	5.59	0.87	59.79	2.70	7.98	52.94	6.97	14.02

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2023	3/31/2023	5	0	

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 41.69

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	5,167.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0940	5.6169	1.4013	0.0584	2.4922	0.1070	2.5992	0.6585	0.1024	0.7609	0.0000	5,687.973 2	5,687.973 2	0.0939	0.8679	5,948.949 8
Unmitigated	0.0940	5.6169	1.4013	0.0584	2.4922	0.1070	2.5992	0.6585	0.1024	0.7609	0.0000	5,687.973 2	5,687.973 2	0.0939	0.8679	5,948.949 8

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	583.78	583.78	583.78	7,054,831	7,054,831
Total	583.78	583.78	583.78	7,054,831	7,054,831

4.3 Trip Type Information

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	16.60	8.40	6.90	0.00	0.00	100.00	100	0	0
General Office Building	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.194534	0.226688	0.578778	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	286.3006	286.3006	0.0000	0.0000	286.3006
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	300.9997	300.9997	0.0000	0.0000	300.9997
NaturalGas Mitigated	0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563
NaturalGas Unmitigated	0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	5.04e+006	0.0272	0.2471	0.2075	1.4800e-003		0.0188	0.0188		0.0188	0.0188	0.0000	268.9538	268.9538	5.1500e-003	4.9300e-003	270.5521
Total		0.0281	0.2555	0.2146	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.1057	278.1057	5.3300e-003	5.1000e-003	279.7584

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.30233e+006	0.0178	0.1619	0.1360	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.2250	176.2250	3.3800e-003	3.2300e-003	177.2722
Total		0.0184	0.1673	0.1406	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	182.1737	182.1737	3.4900e-003	3.3400e-003	183.2563

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	459500	20.0089	0.0000	0.0000	20.0089
Parking Lot	635586	27.6765	0.0000	0.0000	27.6765
Unrefrigerated Warehouse-No Rail	5.81732e+006	253.3144	0.0000	0.0000	253.3144
Total		300.9997	0.0000	0.0000	300.9997

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	411550	17.9209	0.0000	0.0000	17.9209
Parking Lot	635586	27.6765	0.0000	0.0000	27.6765
Unrefrigerated Warehouse-No Rail	5.52771e+006	240.7033	0.0000	0.0000	240.7033
Total		286.3006	0.0000	0.0000	286.3006

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.9698	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Unmitigated	5.9727	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.1300e-003	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168
Total	5.9727	5.0000e-004	0.0560	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.1097	0.1097	2.8000e-004	0.0000	0.1168

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.2106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.1800e-003	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621
Total	5.9698	2.8000e-004	0.0325	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0591	0.0591	1.2000e-004	0.0000	0.0621

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	443.9011	15.3473	0.3624	935.5724
Unmitigated	549.8014	19.1841	0.4530	1,164.3906

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 54.9273	26.5729	0.0000	0.0000	26.5729
General Office Building	8.88669 / 5.44668	10.4931	0.2896	6.8400e-003	19.7700
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	579.852 / 0	512.7354	18.8945	0.4461	1,118.0477
Total		549.8014	19.1841	0.4530	1,164.3906

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 51.5767	24.9520	0.0000	0.0000	24.9520
General Office Building	7.10935 / 5.11443	8.7607	0.2317	5.4700e-003	16.1822
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	463.882 / 0	410.1884	15.1156	0.3569	894.4382
Total		443.9011	15.3473	0.3624	935.5724

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	122.1742	7.2203	0.0000	302.6813
Unmitigated	488.6967	28.8812	0.0000	1,210.7254

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	3.96	0.8038	0.0475	0.0000	1.9915
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	2357.02	478.4538	28.2758	0.0000	1,185.3489
Total		488.6967	28.8812	0.0000	1,210.7254

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.99	0.2010	0.0119	0.0000	0.4979
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	589.255	119.6134	7.0690	0.0000	296.3372
Total		122.1742	7.2203	0.0000	302.6813

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	51	8.00	365	89	0.20	Electrical
Off-Highway Trucks	2	8.00	365	402	0.38	Electrical

Summit Station - 2040 Phase 1 (mitigated) Emissions - Trucks - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Highway Trucks	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Summit Station - 2040 Phase 2 (Mitigated)

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	399.80	1000sqft	9.18	399,804.00	0
Fast Food Restaurant with Drive Thru	10.00	1000sqft	0.23	10,000.00	0
High Turnover (Sit Down Restaurant)	15.00	1000sqft	0.34	15,000.00	0
Hotel	220.00	Room	0.57	100,000.00	0
Regional Shopping Center	25.00	1000sqft	0.57	25,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	96	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using EMFAC2021 emission rates, Safe rule adjustment factor turned off to prevent double counting. CO2e Intensity Factor interpolated based on RPS

Land Use - Phase 2: FF restaurant 10 ksf, sitdown restaurant 15 ksf, hotel 0.57 ac, parking includes stalls,drive aisles, circulation 399.804 ksf

Construction Phase - operational run only

Trips and VMT -

Demolition -

Grading -

Architectural Coating - mitigation requires low VOC paint 10g/L

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Vehicle Trips - Per Traffic Study, vehicle trips listed under Hotel 8485/220 rooms = 38.56818181

Vehicle Emission Factors - EMFAC2021 Riverside (SC) -2040

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Vehicle Emission Factors - EMFAC2021 Riverside (SC) 2040

Road Dust - sL for Riverside and San Bernardino County 0.08, CARB Entrained Road Travel, Paved Road Dust

Consumer Products -

Area Coating -

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, Mitigation requires Tier 4 equipment

Mobile Commute Mitigation - Mitigation requires TDM

Area Mitigation - mitigation requires low voc paint 10g/L, all landscape equipment must be electric

Energy Mitigation - Mitigation requires CalGreen Tier 2

Water Mitigation - building code requires low flow fixtures and water efficient irrigation

Waste Mitigation - mitigation requires diversion of 75% waste from landfills

Operational Off-Road Equipment - no offroad equipment

Fleet Mix - default fleetmix for retail

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	PhaseEndDate	1/28/2026	12/31/2025

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tblLandUse	LandUseSquareFeet	399,800.00	399,804.00
tblLandUse	LandUseSquareFeet	319,440.00	100,000.00
tblLandUse	LotAcreage	7.33	0.57
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	96
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.54	4.65
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.9390e-003	3.4100e-004
tblVehicleEF	HHD	1,101.19	602.77
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4630e-003
tblVehicleEF	HHD	0.17	0.10
tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	6.84	3.57
tblVehicleEF	HHD	1.69	1.00
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.4840e-003	1.4180e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3760e-003	1.3510e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02

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tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.57	0.30
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	5.4480e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.7000e-005	1.0000e-006
tblVehicleEF	HHD	0.66	0.42
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.43	4.59
tblVehicleEF	HHD	0.26	0.11
tblVehicleEF	HHD	2.8020e-003	3.2100e-004
tblVehicleEF	HHD	1,086.81	595.30
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4320e-003
tblVehicleEF	HHD	0.17	0.10
tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	6.50	3.39
tblVehicleEF	HHD	1.59	0.94

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.2060e-003	1.2730e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.1100e-003	1.2130e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-006	1.0000e-005
tblVehicleEF	HHD	4.2000e-005	1.0000e-006
tblVehicleEF	HHD	0.61	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	5.3770e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	3.0000e-006	1.0000e-005
tblVehicleEF	HHD	4.2000e-005	1.0000e-006
tblVehicleEF	HHD	0.70	0.44
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.4000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.09
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.69	4.73
tblVehicleEF	HHD	0.26	0.11

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	2.9720e-003	3.3700e-004
tblVehicleEF	HHD	1,121.04	613.09
tblVehicleEF	HHD	955.00	1,105.35
tblVehicleEF	HHD	0.02	3.4570e-003
tblVehicleEF	HHD	0.18	0.10
tblVehicleEF	HHD	0.15	0.18
tblVehicleEF	HHD	6.0000e-006	0.00
tblVehicleEF	HHD	7.31	3.81
tblVehicleEF	HHD	1.68	0.98
tblVehicleEF	HHD	2.40	2.16
tblVehicleEF	HHD	2.8670e-003	1.6170e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.7430e-003	1.5420e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8840e-003	8.8160e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.53	0.27
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.1140e-003
tblVehicleEF	HHD	1.5000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	5.5450e-003
tblVehicleEF	HHD	8.8520e-003	0.01
tblVehicleEF	HHD	1.0000e-006	8.0000e-006
tblVehicleEF	HHD	3.8000e-005	1.0000e-006

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.60	0.39
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	1.5000e-005	2.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	6.2000e-004	9.3900e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.37	0.44
tblVehicleEF	LDA	1.30	1.45
tblVehicleEF	LDA	184.39	211.05
tblVehicleEF	LDA	36.77	50.68
tblVehicleEF	LDA	2.9620e-003	2.8210e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	6.5920e-003
tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	1.8020e-003	2.8100e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	1.8240e-003	2.0860e-003
tblVehicleEF	LDA	3.6400e-004	5.0100e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	2.6150e-003	4.1000e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDA	7.1000e-004	9.9800e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.46	0.59
tblVehicleEF	LDA	1.15	1.23
tblVehicleEF	LDA	200.41	228.67
tblVehicleEF	LDA	36.52	50.27
tblVehicleEF	LDA	2.8250e-003	2.5050e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDA	0.04	6.5920e-003
tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.05	0.24
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.0350e-003	2.9470e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	1.9820e-003	2.2610e-003

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tblVehicleEF	LDA	3.6100e-004	4.9700e-004
tblVehicleEF	LDA	0.05	0.24
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	2.9550e-003	4.2990e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.11
tblVehicleEF	LDA	5.9800e-004	9.3300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.35	0.41
tblVehicleEF	LDA	1.31	1.44
tblVehicleEF	LDA	180.01	208.08
tblVehicleEF	LDA	36.81	50.66
tblVehicleEF	LDA	2.8740e-003	2.7400e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	6.5920e-003
tblVehicleEF	LDA	5.1800e-004	4.9300e-004
tblVehicleEF	LDA	7.4200e-004	8.7500e-004
tblVehicleEF	LDA	0.02	2.3070e-003
tblVehicleEF	LDA	4.7700e-004	4.5300e-004
tblVehicleEF	LDA	6.8200e-004	8.0500e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	1.7410e-003	2.7920e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.12

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tblVehicleEF	LDA	1.7810e-003	2.0570e-003
tblVehicleEF	LDA	3.6400e-004	5.0100e-004
tblVehicleEF	LDA	0.02	0.21
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	2.5260e-003	4.0720e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDT1	8.3000e-004	1.5280e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.41	0.59
tblVehicleEF	LDT1	1.40	1.90
tblVehicleEF	LDT1	221.71	272.81
tblVehicleEF	LDT1	44.85	66.31
tblVehicleEF	LDT1	3.0670e-003	3.8170e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.04	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	2.5700e-003	5.2140e-003
tblVehicleEF	LDT1	0.03	0.03

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tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	2.1940e-003	2.6970e-003
tblVehicleEF	LDT1	4.4400e-004	6.5600e-004
tblVehicleEF	LDT1	0.04	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	3.7500e-003	7.6090e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT1	9.4900e-004	1.6230e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.51	0.79
tblVehicleEF	LDT1	1.26	1.60
tblVehicleEF	LDT1	238.49	292.79
tblVehicleEF	LDT1	44.59	65.76
tblVehicleEF	LDT1	2.9250e-003	3.3890e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.18
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.08	0.45
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	2.9140e-003	5.4680e-003

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tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.07	0.15
tblVehicleEF	LDT1	2.3600e-003	2.8950e-003
tblVehicleEF	LDT1	4.4100e-004	6.5000e-004
tblVehicleEF	LDT1	0.08	0.45
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	4.2520e-003	7.9790e-003
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.08	0.16
tblVehicleEF	LDT1	7.9500e-004	1.5180e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.39	0.55
tblVehicleEF	LDT1	1.43	1.88
tblVehicleEF	LDT1	216.55	269.43
tblVehicleEF	LDT1	44.91	66.28
tblVehicleEF	LDT1	2.9790e-003	3.7070e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.12	0.19
tblVehicleEF	LDT1	0.04	8.1180e-003
tblVehicleEF	LDT1	6.0600e-004	6.4800e-004
tblVehicleEF	LDT1	8.6800e-004	1.1510e-003
tblVehicleEF	LDT1	0.02	2.8410e-003
tblVehicleEF	LDT1	5.5700e-004	5.9600e-004
tblVehicleEF	LDT1	7.9800e-004	1.0580e-003
tblVehicleEF	LDT1	0.03	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.03	0.00

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tblVehicleEF	LDT1	2.4630e-003	5.1800e-003
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	2.1430e-003	2.6640e-003
tblVehicleEF	LDT1	4.4400e-004	6.5500e-004
tblVehicleEF	LDT1	0.03	0.40
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	3.5940e-003	7.5580e-003
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.09	0.19
tblVehicleEF	LDT2	9.7700e-004	1.3790e-003
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.46	0.57
tblVehicleEF	LDT2	1.74	1.98
tblVehicleEF	LDT2	219.97	284.91
tblVehicleEF	LDT2	44.59	68.71
tblVehicleEF	LDT2	3.2290e-003	3.5950e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.05	0.23
tblVehicleEF	LDT2	0.05	0.04

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	3.1280e-003	4.3430e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	2.1760e-003	2.8160e-003
tblVehicleEF	LDT2	4.4100e-004	6.7900e-004
tblVehicleEF	LDT2	0.05	0.23
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	4.5240e-003	6.3240e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.18
tblVehicleEF	LDT2	1.1170e-003	1.4660e-003
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.57	0.76
tblVehicleEF	LDT2	1.55	1.66
tblVehicleEF	LDT2	235.07	303.92
tblVehicleEF	LDT2	44.25	68.13
tblVehicleEF	LDT2	3.0930e-003	3.2060e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004
tblVehicleEF	LDT2	0.10	0.26

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tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	3.5310e-003	4.5520e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	2.3250e-003	3.0040e-003
tblVehicleEF	LDT2	4.3800e-004	6.7400e-004
tblVehicleEF	LDT2	0.10	0.26
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	5.1130e-003	6.6290e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.16
tblVehicleEF	LDT2	9.3500e-004	1.3710e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.43	0.53
tblVehicleEF	LDT2	1.78	1.96
tblVehicleEF	LDT2	215.35	281.71
tblVehicleEF	LDT2	44.66	68.68
tblVehicleEF	LDT2	3.1440e-003	3.4950e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.04	7.9590e-003
tblVehicleEF	LDT2	5.9800e-004	5.6700e-004
tblVehicleEF	LDT2	7.8100e-004	9.4600e-004
tblVehicleEF	LDT2	0.02	2.7860e-003
tblVehicleEF	LDT2	5.5200e-004	5.2200e-004
tblVehicleEF	LDT2	7.1800e-004	8.6900e-004

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tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	3.0040e-003	4.3140e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	2.1300e-003	2.7850e-003
tblVehicleEF	LDT2	4.4200e-004	6.7900e-004
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.04	0.00
tblVehicleEF	LDT2	4.3420e-003	6.2820e-003
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LHD1	3.3530e-003	2.7270e-003
tblVehicleEF	LHD1	1.2060e-003	2.0300e-004
tblVehicleEF	LHD1	5.5990e-003	9.4360e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.22
tblVehicleEF	LHD1	0.72	1.38
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	187.93
tblVehicleEF	LHD1	8.38	10.50
tblVehicleEF	LHD1	7.3600e-004	5.0100e-004
tblVehicleEF	LHD1	0.03	8.4300e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.13	9.9600e-003
tblVehicleEF	LHD1	0.15	0.19

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tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.01	5.8360e-003
tblVehicleEF	LHD1	3.5810e-003	4.1500e-004
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5080e-003	1.4590e-003
tblVehicleEF	LHD1	3.4070e-003	3.8200e-004
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	1.4660e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.8300e-004	0.00
tblVehicleEF	LHD1	0.02	6.9800e-004
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.8580e-003
tblVehicleEF	LHD1	8.3000e-005	1.0400e-004
tblVehicleEF	LHD1	1.4660e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	8.8300e-004	0.00
tblVehicleEF	LHD1	0.02	1.0180e-003
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.05
tblVehicleEF	LHD1	3.3610e-003	2.7370e-003
tblVehicleEF	LHD1	1.2160e-003	6.2900e-004

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tblVehicleEF	LHD1	5.4050e-003	9.0840e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.03
tblVehicleEF	LHD1	0.68	1.31
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	126.09
tblVehicleEF	LHD1	8.32	10.39
tblVehicleEF	LHD1	7.3700e-004	5.0200e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	6.0610e-003
tblVehicleEF	LHD1	3.5810e-003	3.8770e-003
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.5150e-003
tblVehicleEF	LHD1	3.4070e-003	3.7090e-003
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	2.7280e-003	0.07
tblVehicleEF	LHD1	0.04	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	1.5950e-003	0.00
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.07	0.03

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tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.1950e-003
tblVehicleEF	LHD1	8.2000e-005	1.0300e-004
tblVehicleEF	LHD1	2.7280e-003	0.07
tblVehicleEF	LHD1	0.04	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.5950e-003	0.00
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.04
tblVehicleEF	LHD1	3.3520e-003	2.7280e-003
tblVehicleEF	LHD1	1.2040e-003	6.2900e-004
tblVehicleEF	LHD1	5.6210e-003	9.3800e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.13	0.03
tblVehicleEF	LHD1	0.72	1.36
tblVehicleEF	LHD1	7.70	5.92
tblVehicleEF	LHD1	510.17	126.09
tblVehicleEF	LHD1	8.38	10.48
tblVehicleEF	LHD1	7.3600e-004	5.0100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.13	0.12
tblVehicleEF	LHD1	0.15	0.18
tblVehicleEF	LHD1	1.0270e-003	6.1400e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	6.0610e-003

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tblVehicleEF	LHD1	3.5810e-003	3.8770e-003
tblVehicleEF	LHD1	1.7400e-004	5.6000e-005
tblVehicleEF	LHD1	9.8300e-004	5.8800e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5080e-003	1.5150e-003
tblVehicleEF	LHD1	3.4070e-003	3.7090e-003
tblVehicleEF	LHD1	1.6000e-004	5.1000e-005
tblVehicleEF	LHD1	1.1200e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.8100e-004	0.00
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.04
tblVehicleEF	LHD1	7.4000e-005	5.7000e-005
tblVehicleEF	LHD1	4.9620e-003	1.1950e-003
tblVehicleEF	LHD1	8.3000e-005	1.0400e-004
tblVehicleEF	LHD1	1.1200e-003	0.06
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.8100e-004	0.00
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.05
tblVehicleEF	LHD2	2.0890e-003	1.3870e-003
tblVehicleEF	LHD2	1.4030e-003	8.9000e-005
tblVehicleEF	LHD2	3.0190e-003	4.1500e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.10

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tblVehicleEF	LHD2	0.40	0.66
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	98.52
tblVehicleEF	LHD2	5.43	4.94
tblVehicleEF	LHD2	1.6200e-003	1.3550e-003
tblVehicleEF	LHD2	0.05	5.1300e-004
tblVehicleEF	LHD2	8.6140e-003	7.7950e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.24	5.6550e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	4.0220e-003
tblVehicleEF	LHD2	9.0130e-003	1.8600e-004
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7260e-003	1.0050e-003
tblVehicleEF	LHD2	8.6130e-003	1.7100e-004
tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	8.1300e-004	0.04
tblVehicleEF	LHD2	0.02	5.6210e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	4.9500e-004	0.00
tblVehicleEF	LHD2	0.03	3.0200e-004
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	9.7400e-004

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tblVehicleEF	LHD2	5.4000e-005	4.9000e-005
tblVehicleEF	LHD2	8.1300e-004	0.04
tblVehicleEF	LHD2	0.02	5.6210e-003
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.9500e-004	0.00
tblVehicleEF	LHD2	0.03	4.4100e-004
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.0930e-003	1.3920e-003
tblVehicleEF	LHD2	1.4090e-003	1.3960e-003
tblVehicleEF	LHD2	2.9150e-003	3.9950e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	0.39	0.63
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	272.09
tblVehicleEF	LHD2	5.40	4.89
tblVehicleEF	LHD2	1.6210e-003	1.3560e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	8.4590e-003	7.6120e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.23	0.29
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	8.5900e-003
tblVehicleEF	LHD2	9.0130e-003	8.5090e-003
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003

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tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7260e-003	2.1470e-003
tblVehicleEF	LHD2	8.6130e-003	8.1410e-003
tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	1.5150e-003	0.04
tblVehicleEF	LHD2	0.02	5.9370e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	8.8900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	2.5780e-003
tblVehicleEF	LHD2	5.4000e-005	4.8000e-005
tblVehicleEF	LHD2	1.5150e-003	0.04
tblVehicleEF	LHD2	0.02	5.9370e-003
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	8.8900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.0880e-003	1.3880e-003
tblVehicleEF	LHD2	1.4020e-003	1.3960e-003
tblVehicleEF	LHD2	3.0350e-003	4.1250e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	0.41	0.66
tblVehicleEF	LHD2	12.33	10.18
tblVehicleEF	LHD2	507.38	272.09

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tblVehicleEF	LHD2	5.44	4.94
tblVehicleEF	LHD2	1.6200e-003	1.3560e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	8.6140e-003	7.7180e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.24	0.30
tblVehicleEF	LHD2	0.09	0.08
tblVehicleEF	LHD2	1.5250e-003	1.1660e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	8.5900e-003
tblVehicleEF	LHD2	9.0130e-003	8.5090e-003
tblVehicleEF	LHD2	9.5000e-005	2.2000e-005
tblVehicleEF	LHD2	1.4590e-003	1.1150e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7260e-003	2.1470e-003
tblVehicleEF	LHD2	8.6130e-003	8.1410e-003
tblVehicleEF	LHD2	8.8000e-005	2.0000e-005
tblVehicleEF	LHD2	6.0100e-004	0.04
tblVehicleEF	LHD2	0.02	5.6380e-003
tblVehicleEF	LHD2	0.01	8.6820e-003
tblVehicleEF	LHD2	4.2900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1800e-004	9.7000e-005
tblVehicleEF	LHD2	4.8860e-003	2.5780e-003
tblVehicleEF	LHD2	5.4000e-005	4.9000e-005
tblVehicleEF	LHD2	6.0100e-004	0.04
tblVehicleEF	LHD2	0.02	5.6380e-003

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tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	4.2900e-004	0.00
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	MCY	0.31	0.47
tblVehicleEF	MCY	0.23	0.13
tblVehicleEF	MCY	17.01	0.47
tblVehicleEF	MCY	8.78	7.41
tblVehicleEF	MCY	208.70	0.47
tblVehicleEF	MCY	56.92	38.27
tblVehicleEF	MCY	0.06	0.47
tblVehicleEF	MCY	0.01	5.0150e-003
tblVehicleEF	MCY	1.10	0.47
tblVehicleEF	MCY	0.26	0.08
tblVehicleEF	MCY	0.01	0.47
tblVehicleEF	MCY	4.0000e-003	0.47
tblVehicleEF	MCY	2.2190e-003	0.47
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.47
tblVehicleEF	MCY	1.0000e-003	0.47
tblVehicleEF	MCY	2.0690e-003	0.47
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	1.73	2.26
tblVehicleEF	MCY	0.80	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.07	0.47
tblVehicleEF	MCY	0.40	0.47
tblVehicleEF	MCY	1.73	0.95

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tblVehicleEF	MCY	2.0650e-003	0.47
tblVehicleEF	MCY	5.6300e-004	3.7800e-004
tblVehicleEF	MCY	1.73	2.26
tblVehicleEF	MCY	0.80	3.58
tblVehicleEF	MCY	0.90	0.00
tblVehicleEF	MCY	2.60	0.47
tblVehicleEF	MCY	0.40	0.47
tblVehicleEF	MCY	1.88	1.04
tblVehicleEF	MCY	0.31	0.41
tblVehicleEF	MCY	0.21	0.12
tblVehicleEF	MCY	17.67	0.41
tblVehicleEF	MCY	8.05	6.48
tblVehicleEF	MCY	209.73	0.41
tblVehicleEF	MCY	55.20	36.47
tblVehicleEF	MCY	0.06	0.41
tblVehicleEF	MCY	0.01	4.9320e-003
tblVehicleEF	MCY	0.96	0.41
tblVehicleEF	MCY	0.25	0.07
tblVehicleEF	MCY	0.01	0.41
tblVehicleEF	MCY	4.0000e-003	0.41
tblVehicleEF	MCY	2.2190e-003	0.41
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.41
tblVehicleEF	MCY	1.0000e-003	0.41
tblVehicleEF	MCY	2.0690e-003	0.41
tblVehicleEF	MCY	2.7290e-003	3.2300e-003
tblVehicleEF	MCY	3.44	3.13
tblVehicleEF	MCY	1.23	3.73
tblVehicleEF	MCY	2.06	0.00

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tblVehicleEF	MCY	2.07	0.41
tblVehicleEF	MCY	0.40	0.41
tblVehicleEF	MCY	1.56	0.85
tblVehicleEF	MCY	2.0750e-003	0.41
tblVehicleEF	MCY	5.4600e-004	3.6100e-004
tblVehicleEF	MCY	3.44	3.13
tblVehicleEF	MCY	1.23	3.73
tblVehicleEF	MCY	2.06	0.00
tblVehicleEF	MCY	2.59	0.41
tblVehicleEF	MCY	0.40	0.41
tblVehicleEF	MCY	1.70	0.93
tblVehicleEF	MCY	0.31	0.45
tblVehicleEF	MCY	0.23	0.13
tblVehicleEF	MCY	16.66	0.45
tblVehicleEF	MCY	8.82	7.28
tblVehicleEF	MCY	208.13	0.45
tblVehicleEF	MCY	57.03	38.03
tblVehicleEF	MCY	0.06	0.45
tblVehicleEF	MCY	0.02	5.0140e-003
tblVehicleEF	MCY	1.10	0.45
tblVehicleEF	MCY	0.26	0.08
tblVehicleEF	MCY	0.01	0.45
tblVehicleEF	MCY	4.0000e-003	0.45
tblVehicleEF	MCY	2.2190e-003	0.45
tblVehicleEF	MCY	2.9250e-003	3.4610e-003
tblVehicleEF	MCY	5.0400e-003	0.45
tblVehicleEF	MCY	1.0000e-003	0.45
tblVehicleEF	MCY	2.0690e-003	0.45
tblVehicleEF	MCY	2.7290e-003	3.2300e-003

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tblVehicleEF	MCY	1.59	2.41
tblVehicleEF	MCY	0.95	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.07	0.45
tblVehicleEF	MCY	0.47	0.45
tblVehicleEF	MCY	1.74	0.94
tblVehicleEF	MCY	2.0600e-003	0.45
tblVehicleEF	MCY	5.6400e-004	3.7600e-004
tblVehicleEF	MCY	1.59	2.41
tblVehicleEF	MCY	0.95	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.60	0.45
tblVehicleEF	MCY	0.47	0.45
tblVehicleEF	MCY	1.90	1.02
tblVehicleEF	MDV	1.0550e-003	1.5460e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.47	0.60
tblVehicleEF	MDV	1.77	2.05
tblVehicleEF	MDV	267.22	341.72
tblVehicleEF	MDV	53.47	82.52
tblVehicleEF	MDV	4.4310e-003	4.3390e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.22
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004

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tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.08	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	3.5090e-003	5.1410e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.19
tblVehicleEF	MDV	2.6410e-003	3.3770e-003
tblVehicleEF	MDV	5.2900e-004	8.1600e-004
tblVehicleEF	MDV	0.08	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	5.0700e-003	7.4830e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.21
tblVehicleEF	MDV	1.2060e-003	1.6430e-003
tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.57	0.80
tblVehicleEF	MDV	1.57	1.73
tblVehicleEF	MDV	282.16	360.55
tblVehicleEF	MDV	53.12	81.91
tblVehicleEF	MDV	4.2890e-003	3.9160e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003
tblVehicleEF	MDV	0.02	2.8300e-003

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tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.15	0.34
tblVehicleEF	MDV	0.09	0.06
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	3.9580e-003	5.3890e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	2.7880e-003	3.5630e-003
tblVehicleEF	MDV	5.2600e-004	8.1000e-004
tblVehicleEF	MDV	0.15	0.34
tblVehicleEF	MDV	0.09	0.06
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	5.7250e-003	7.8440e-003
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.10	0.18
tblVehicleEF	MDV	1.0100e-003	1.5360e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.43	0.56
tblVehicleEF	MDV	1.81	2.04
tblVehicleEF	MDV	262.58	338.54
tblVehicleEF	MDV	53.55	82.49
tblVehicleEF	MDV	4.3430e-003	4.2300e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.13	0.22
tblVehicleEF	MDV	0.04	8.0850e-003
tblVehicleEF	MDV	6.0200e-004	6.0100e-004
tblVehicleEF	MDV	8.0600e-004	1.0090e-003

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tblVehicleEF	MDV	0.02	2.8300e-003
tblVehicleEF	MDV	5.5500e-004	5.5300e-004
tblVehicleEF	MDV	7.4100e-004	9.2700e-004
tblVehicleEF	MDV	0.06	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	3.3720e-003	5.1070e-003
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.11	0.19
tblVehicleEF	MDV	2.5950e-003	3.3450e-003
tblVehicleEF	MDV	5.3000e-004	8.1600e-004
tblVehicleEF	MDV	0.06	0.30
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	4.8700e-003	7.4340e-003
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.12	0.21
tblVehicleEF	MH	2.6280e-003	1.2000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.15	1.9200e-004
tblVehicleEF	MH	1.35	1.49
tblVehicleEF	MH	1,155.13	3.9480e-003
tblVehicleEF	MH	13.26	17.86
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.78	0.98
tblVehicleEF	MH	0.22	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00

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tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.4500e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.39	20.55
tblVehicleEF	MH	0.02	3.37
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	2.5670e-003	1.1960e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006
tblVehicleEF	MH	1.3100e-004	1.7700e-004
tblVehicleEF	MH	0.39	20.55
tblVehicleEF	MH	0.02	3.37
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.02	4.8300e-004
tblVehicleEF	MH	2.5670e-003	1.1960e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	2.6660e-003	1.3000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.16	1.9900e-004
tblVehicleEF	MH	1.26	1.39
tblVehicleEF	MH	1,155.13	3.9480e-003
tblVehicleEF	MH	13.12	17.68
tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.73	0.92

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tblVehicleEF	MH	0.21	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.3100e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.71	22.73
tblVehicleEF	MH	0.02	3.55
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	2.5690e-003	1.2080e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006
tblVehicleEF	MH	1.3000e-004	1.7500e-004
tblVehicleEF	MH	0.71	22.73
tblVehicleEF	MH	0.02	3.55
tblVehicleEF	MH	0.33	0.00
tblVehicleEF	MH	0.02	5.2100e-004
tblVehicleEF	MH	2.5690e-003	1.2080e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	2.6210e-003	1.2000e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.15	1.9400e-004
tblVehicleEF	MH	1.36	1.49
tblVehicleEF	MH	1,155.12	3.9480e-003
tblVehicleEF	MH	13.29	17.85

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tblVehicleEF	MH	0.05	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	0.77	0.96
tblVehicleEF	MH	0.22	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.9100e-004	1.9900e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3230e-003	2.4100e-004
tblVehicleEF	MH	0.02	0.06
tblVehicleEF	MH	1.7600e-004	1.8300e-004
tblVehicleEF	MH	0.31	20.84
tblVehicleEF	MH	0.02	3.38
tblVehicleEF	MH	0.17	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	2.7360e-003	1.2040e-003
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	3.0000e-006
tblVehicleEF	MH	1.3200e-004	1.7600e-004
tblVehicleEF	MH	0.31	20.84
tblVehicleEF	MH	0.02	3.38
tblVehicleEF	MH	0.17	0.00
tblVehicleEF	MH	0.02	4.8600e-004
tblVehicleEF	MH	2.7360e-003	1.2040e-003
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MHD	3.7750e-003	0.01
tblVehicleEF	MHD	5.8100e-004	4.9710e-003
tblVehicleEF	MHD	8.0080e-003	2.4530e-003

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tblVehicleEF	MHD	0.37	0.44
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.73	0.23
tblVehicleEF	MHD	50.71	98.85
tblVehicleEF	MHD	781.76	604.38
tblVehicleEF	MHD	7.86	2.54
tblVehicleEF	MHD	7.1630e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.8810e-003	1.8240e-003
tblVehicleEF	MHD	0.26	0.50
tblVehicleEF	MHD	0.79	0.15
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	7.2000e-005	1.6700e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005
tblVehicleEF	MHD	6.9000e-005	1.5900e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	5.5300e-004	6.9380e-003
tblVehicleEF	MHD	0.01	1.0400e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	3.2800e-004	0.00
tblVehicleEF	MHD	7.2240e-003	3.5000e-003
tblVehicleEF	MHD	0.01	3.6770e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.8200e-004	8.9300e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003

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tblVehicleEF	MHD	7.8000e-005	2.5000e-005
tblVehicleEF	MHD	5.5300e-004	6.9380e-003
tblVehicleEF	MHD	0.01	1.0400e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	3.2800e-004	0.00
tblVehicleEF	MHD	8.5740e-003	8.8580e-003
tblVehicleEF	MHD	0.01	3.6770e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	3.5910e-003	0.01
tblVehicleEF	MHD	5.8800e-004	4.9740e-003
tblVehicleEF	MHD	7.7630e-003	2.3610e-003
tblVehicleEF	MHD	0.32	0.42
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.70	0.22
tblVehicleEF	MHD	50.31	97.58
tblVehicleEF	MHD	781.76	604.38
tblVehicleEF	MHD	7.80	2.51
tblVehicleEF	MHD	7.0710e-003	0.02
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.7720e-003	1.7830e-003
tblVehicleEF	MHD	0.25	0.48
tblVehicleEF	MHD	0.75	0.14
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	6.4000e-005	1.5000e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005
tblVehicleEF	MHD	6.1000e-005	1.4200e-004
tblVehicleEF	MHD	0.06	0.01

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tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	1.0540e-003	7.9730e-003
tblVehicleEF	MHD	0.02	1.1000e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	5.8500e-004	0.00
tblVehicleEF	MHD	7.2440e-003	3.5080e-003
tblVehicleEF	MHD	0.02	3.7220e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.7800e-004	8.8100e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.7000e-005	2.5000e-005
tblVehicleEF	MHD	1.0540e-003	7.9730e-003
tblVehicleEF	MHD	0.02	1.1000e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	5.8500e-004	0.00
tblVehicleEF	MHD	8.6030e-003	8.8700e-003
tblVehicleEF	MHD	0.02	3.7220e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.0430e-003	0.01
tblVehicleEF	MHD	5.7600e-004	4.9710e-003
tblVehicleEF	MHD	8.0810e-003	2.4290e-003
tblVehicleEF	MHD	0.45	0.47
tblVehicleEF	MHD	0.07	0.04
tblVehicleEF	MHD	0.74	0.23
tblVehicleEF	MHD	51.25	100.59
tblVehicleEF	MHD	781.76	604.38
tblVehicleEF	MHD	7.88	2.53
tblVehicleEF	MHD	7.2930e-003	0.02

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tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	7.9450e-003	1.8110e-003
tblVehicleEF	MHD	0.28	0.53
tblVehicleEF	MHD	0.79	0.15
tblVehicleEF	MHD	1.68	0.75
tblVehicleEF	MHD	8.4000e-005	1.9100e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	8.8460e-003	2.8560e-003
tblVehicleEF	MHD	1.1100e-004	3.2000e-005
tblVehicleEF	MHD	8.0000e-005	1.8200e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	8.4580e-003	2.7310e-003
tblVehicleEF	MHD	1.0200e-004	3.0000e-005
tblVehicleEF	MHD	3.5400e-004	7.1270e-003
tblVehicleEF	MHD	0.02	1.0420e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	2.5500e-004	0.00
tblVehicleEF	MHD	7.2110e-003	3.5000e-003
tblVehicleEF	MHD	0.02	3.7100e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	4.8700e-004	9.1000e-004
tblVehicleEF	MHD	7.4600e-003	5.6760e-003
tblVehicleEF	MHD	7.8000e-005	2.5000e-005
tblVehicleEF	MHD	3.5400e-004	7.1270e-003
tblVehicleEF	MHD	0.02	1.0420e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	2.5500e-004	0.00
tblVehicleEF	MHD	8.5540e-003	8.8590e-003
tblVehicleEF	MHD	0.02	3.7100e-003

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tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	OBUS	8.0870e-003	0.03
tblVehicleEF	OBUS	1.5200e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.53	0.52
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	1.74	1.57
tblVehicleEF	OBUS	63.78	68.53
tblVehicleEF	OBUS	1,044.78	975.66
tblVehicleEF	OBUS	15.44	13.53
tblVehicleEF	OBUS	8.4460e-003	9.8920e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.29	0.18
tblVehicleEF	OBUS	0.73	0.53
tblVehicleEF	OBUS	0.84	0.48
tblVehicleEF	OBUS	9.5000e-005	2.2200e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	9.1000e-005	2.1100e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01
tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	2.1840e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.0210e-003	0.00
tblVehicleEF	OBUS	0.01	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	6.0800e-004	5.8800e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5300e-004	1.3400e-004
tblVehicleEF	OBUS	2.1840e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.0210e-003	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	OBUS	8.1660e-003	0.03
tblVehicleEF	OBUS	1.5480e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.52	0.51
tblVehicleEF	OBUS	0.16	0.33
tblVehicleEF	OBUS	1.63	1.46
tblVehicleEF	OBUS	63.07	67.89
tblVehicleEF	OBUS	1,044.79	975.66
tblVehicleEF	OBUS	15.25	13.34
tblVehicleEF	OBUS	8.3380e-003	9.7930e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.27	0.17
tblVehicleEF	OBUS	0.69	0.49
tblVehicleEF	OBUS	0.83	0.48
tblVehicleEF	OBUS	8.4000e-005	1.9700e-004
tblVehicleEF	OBUS	0.13	0.05

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	8.1000e-005	1.8700e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01
tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	4.0050e-003	0.11
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	1.8520e-003	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.08	0.08
tblVehicleEF	OBUS	6.0100e-004	5.8200e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5100e-004	1.3200e-004
tblVehicleEF	OBUS	4.0050e-003	0.11
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.8520e-003	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.07	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	8.0090e-003	0.03
tblVehicleEF	OBUS	1.5090e-003	0.05
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.53	0.53
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	1.77	1.56

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tblVehicleEF	OBUS	64.76	69.41
tblVehicleEF	OBUS	1,044.78	975.66
tblVehicleEF	OBUS	15.48	13.52
tblVehicleEF	OBUS	8.6010e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.31	0.19
tblVehicleEF	OBUS	0.73	0.52
tblVehicleEF	OBUS	0.84	0.48
tblVehicleEF	OBUS	1.0900e-004	2.5800e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	8.5360e-003	0.01
tblVehicleEF	OBUS	2.1100e-004	1.3400e-004
tblVehicleEF	OBUS	1.0500e-004	2.4500e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	8.1510e-003	0.01
tblVehicleEF	OBUS	1.9400e-004	1.2300e-004
tblVehicleEF	OBUS	1.7150e-003	0.10
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	9.2200e-004	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	6.1700e-004	5.9600e-004
tblVehicleEF	OBUS	0.01	8.6810e-003
tblVehicleEF	OBUS	1.5300e-004	1.3400e-004
tblVehicleEF	OBUS	1.7150e-003	0.10
tblVehicleEF	OBUS	0.02	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	9.2200e-004	0.00
tblVehicleEF	OBUS	0.01	0.07
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.09
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5600e-003	1.22
tblVehicleEF	SBUS	6.4090e-003	4.7130e-003
tblVehicleEF	SBUS	3.40	2.47
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.79	0.53
tblVehicleEF	SBUS	288.67	211.47
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	5.09	3.66
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13
tblVehicleEF	SBUS	7.0970e-003	5.8320e-003
tblVehicleEF	SBUS	1.32	0.36
tblVehicleEF	SBUS	1.40	0.41
tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	3.6700e-004	6.0300e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	3.5100e-004	5.5700e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	2.0910e-003	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	1.0080e-003	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	2.7590e-003	6.8000e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	5.0000e-005	3.6000e-005
tblVehicleEF	SBUS	2.0910e-003	0.09
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	1.0080e-003	0.00
tblVehicleEF	SBUS	0.02	1.26
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5830e-003	1.22
tblVehicleEF	SBUS	5.3930e-003	3.9320e-003
tblVehicleEF	SBUS	3.38	2.47
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.58	0.38
tblVehicleEF	SBUS	286.51	211.57
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	4.73	3.41
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	6.8630e-003	5.6140e-003
tblVehicleEF	SBUS	1.26	0.35
tblVehicleEF	SBUS	1.31	0.38
tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	3.2300e-004	5.9500e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	3.0900e-004	5.4900e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	3.7980e-003	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	1.8050e-003	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	2.7390e-003	6.8100e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	4.7000e-005	3.4000e-005
tblVehicleEF	SBUS	3.7980e-003	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	1.8050e-003	0.00
tblVehicleEF	SBUS	0.02	1.26

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.08	0.50
tblVehicleEF	SBUS	1.5510e-003	1.22
tblVehicleEF	SBUS	6.7130e-003	4.7970e-003
tblVehicleEF	SBUS	3.42	2.48
tblVehicleEF	SBUS	0.17	3.94
tblVehicleEF	SBUS	0.85	0.55
tblVehicleEF	SBUS	291.66	211.34
tblVehicleEF	SBUS	869.56	897.78
tblVehicleEF	SBUS	5.19	3.68
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.10	0.13
tblVehicleEF	SBUS	7.2070e-003	5.8810e-003
tblVehicleEF	SBUS	1.39	0.36
tblVehicleEF	SBUS	1.38	0.41
tblVehicleEF	SBUS	1.86	0.17
tblVehicleEF	SBUS	4.2900e-004	6.1400e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	4.4640e-003	2.9930e-003
tblVehicleEF	SBUS	7.8000e-005	4.6000e-005
tblVehicleEF	SBUS	4.1000e-004	5.6800e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6760e-003	2.6360e-003
tblVehicleEF	SBUS	4.2540e-003	2.7960e-003
tblVehicleEF	SBUS	7.2000e-005	4.3000e-005
tblVehicleEF	SBUS	1.6520e-003	0.10
tblVehicleEF	SBUS	0.01	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.35	0.19
tblVehicleEF	SBUS	9.2600e-004	0.00
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	2.7870e-003	6.7800e-004
tblVehicleEF	SBUS	8.3250e-003	3.9550e-003
tblVehicleEF	SBUS	5.1000e-005	3.6000e-005
tblVehicleEF	SBUS	1.6520e-003	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.51	0.74
tblVehicleEF	SBUS	9.2600e-004	0.00
tblVehicleEF	SBUS	0.02	1.26
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	UBUS	3.39	0.75
tblVehicleEF	UBUS	0.02	6.0320e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.42	1.26
tblVehicleEF	UBUS	1,516.05	412.60
tblVehicleEF	UBUS	14.76	7.18
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.32	0.02
tblVehicleEF	UBUS	0.17	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	2.0500e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3120e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	2.9520e-003	6.0400e-004
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4600e-004	7.1000e-005
tblVehicleEF	UBUS	2.0500e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3120e-003	0.00
tblVehicleEF	UBUS	3.46	0.76
tblVehicleEF	UBUS	2.9520e-003	6.0400e-004
tblVehicleEF	UBUS	0.09	0.02
tblVehicleEF	UBUS	3.39	0.75
tblVehicleEF	UBUS	0.02	5.4910e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.21	1.07
tblVehicleEF	UBUS	1,516.06	412.60
tblVehicleEF	UBUS	14.40	6.88
tblVehicleEF	UBUS	0.23	0.07
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.31	0.02
tblVehicleEF	UBUS	0.16	0.06
tblVehicleEF	UBUS	0.09	0.07

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	3.5990e-003	0.02
tblVehicleEF	UBUS	0.02	5.4450e-003
tblVehicleEF	UBUS	2.4860e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	2.8620e-003	6.2500e-004
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4200e-004	6.8000e-005
tblVehicleEF	UBUS	3.5990e-003	0.02
tblVehicleEF	UBUS	0.02	5.4450e-003
tblVehicleEF	UBUS	2.4860e-003	0.00
tblVehicleEF	UBUS	3.46	0.76
tblVehicleEF	UBUS	2.8620e-003	6.2500e-004
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	3.39	0.75
tblVehicleEF	UBUS	0.02	6.0650e-003
tblVehicleEF	UBUS	26.34	8.94
tblVehicleEF	UBUS	1.41	1.27
tblVehicleEF	UBUS	1,516.05	412.60
tblVehicleEF	UBUS	14.74	7.20
tblVehicleEF	UBUS	0.24	0.07
tblVehicleEF	UBUS	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.32	0.02
tblVehicleEF	UBUS	0.16	0.06
tblVehicleEF	UBUS	0.09	0.07
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.0100e-003	2.4000e-004
tblVehicleEF	UBUS	2.2000e-004	3.0000e-005
tblVehicleEF	UBUS	0.04	0.02
tblVehicleEF	UBUS	5.4780e-003	5.8730e-003
tblVehicleEF	UBUS	2.8590e-003	2.2400e-004
tblVehicleEF	UBUS	2.0200e-004	2.8000e-005
tblVehicleEF	UBUS	1.9730e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3560e-003	0.00
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.4640e-003	6.2900e-004
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	3.8480e-003	8.1100e-004
tblVehicleEF	UBUS	1.4600e-004	7.1000e-005
tblVehicleEF	UBUS	1.9730e-003	0.02
tblVehicleEF	UBUS	0.02	5.0400e-003
tblVehicleEF	UBUS	1.3560e-003	0.00
tblVehicleEF	UBUS	3.46	0.76
tblVehicleEF	UBUS	3.4640e-003	6.2900e-004
tblVehicleEF	UBUS	0.09	0.02
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	ST_TR	616.12	0.00
tblVehicleTrips	ST_TR	122.40	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	ST_TR	8.19	38.57
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	SU_TR	472.58	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	5.95	38.57
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	WD_TR	470.95	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	8.36	38.57
tblVehicleTrips	WD_TR	37.75	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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)
		Highest		

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6437	8.0000e-005	8.4900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Energy	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	829.5363	829.5363	0.0131	0.0125	833.6010
Mobile	2.6600	2.6135	21.9928	0.4239	9.1898	0.3714	9.5611	2.8002	0.3752	3.1754	0.0000	7,922.6337	7,922.6337	0.5083	0.5954	8,112.7577
Waste						0.0000	0.0000		0.0000	0.0000	89.3952	0.0000	89.3952	5.2831	0.0000	221.4728
Water						0.0000	0.0000		0.0000	0.0000	4.7654	9.6002	14.3656	0.4895	0.0116	30.0460
Total	3.3728	3.2419	22.5291	0.4276	9.1898	0.4192	9.6089	2.8002	0.4229	3.2232	94.1606	8,761.7869	8,855.9475	6.2940	0.6195	9,197.8951

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	0.6433	4.0000e-005	4.9200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4100e-003
Energy	0.0551	0.5008	0.4207	3.0100e-003		0.0381	0.0381		0.0381	0.0381	0.0000	676.1869	676.1869	0.0105	0.0100	679.4269
Mobile	2.6547	2.5938	21.8097	0.4190	9.0832	0.3671	9.4504	2.7678	0.3708	3.1386	0.0000	7,833.2100	7,833.2100	0.5037	0.5894	8,021.4394
Waste						0.0000	0.0000		0.0000	0.0000	22.3488	0.0000	22.3488	1.3208	0.0000	55.3682
Water						0.0000	0.0000		0.0000	0.0000	3.8123	7.8307	11.6431	0.3916	9.2500e-003	24.1874
Total	3.3531	3.0947	22.2353	0.4220	9.0832	0.4052	9.4884	2.7678	0.4089	3.1767	26.1611	8,517.2366	8,543.3977	2.2265	0.6086	8,780.4312

	ROG	NOx	CO	SO2	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	0.59	4.54	1.30	1.32	1.16	3.33	1.25	1.16	3.31	1.44	72.22	2.79	3.53	64.62	1.75	4.54

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	1/1/2026	12/31/2025	5	0	

Acres of Grading (Site Preparation Phase): 0

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Grading Phase): 0

Acres of Paving: 9.18

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Implement Trip Reduction Program
- Employee Vanpool/Shuttle

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.6547	2.5938	21.8097	0.4190	9.0832	0.3671	9.4504	2.7678	0.3708	3.1386	0.0000	7,833.2100	7,833.2100	0.5037	0.5894	8,021.4394
Unmitigated	2.6600	2.6135	21.9928	0.4239	9.1898	0.3714	9.5611	2.8002	0.3752	3.1754	0.0000	7,922.6337	7,922.6337	0.5083	0.5954	8,112.7577

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Hotel	8,485.00	8,485.00	8,485.00	29,976,752	29,629,321
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Total	8,485.00	8,485.00	8,485.00	29,976,752	29,629,321

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
Fast Food Restaurant with Drive	16.60	8.40	6.90	2.20	78.80	19.00	29	21	50
High Turnover (Sit Down)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Fast Food Restaurant with Drive Thru	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
High Turnover (Sit Down Restaurant)	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Hotel	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Parking Lot	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938
Regional Shopping Center	0.554215	0.059937	0.180347	0.124184	0.021399	0.006213	0.010875	0.016121	0.000581	0.000247	0.021996	0.000946	0.002938

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	130.9642	130.9642	0.0000	0.0000	130.9642
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	145.5457	145.5457	0.0000	0.0000	145.5457
Natural Gas Mitigated	0.0551	0.5008	0.4207	3.0100e-003		0.0381	0.0381		0.0381	0.0381	0.0000	545.2227	545.2227	0.0105	0.0100	548.4627
Natural Gas Unmitigated	0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	2.7266e+006	0.0147	0.1337	0.1123	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.5018	145.5018	2.7900e-003	2.6700e-003	146.3664
High Turnover (Sit Down Restaurant)	4.0899e+006	0.0221	0.2005	0.1684	1.2000e-003		0.0152	0.0152		0.0152	0.0152	0.0000	218.2526	218.2526	4.1800e-003	4.0000e-003	219.5496
Hotel	5.946e+006	0.0321	0.2915	0.2448	1.7500e-003		0.0222	0.0222		0.0222	0.0222	0.0000	317.3012	317.3012	6.0800e-003	5.8200e-003	319.1868
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	55000	3.0000e-004	2.7000e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.9350	2.9350	6.0000e-005	5.0000e-005	2.9525
Total		0.0691	0.6283	0.5278	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	683.9906	683.9906	0.0131	0.0125	688.0552

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Fast Food Restaurant with Drive Thru	2.45749e+006	0.0133	0.1205	0.1012	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003	0.0000	131.1408	131.1408	2.5100e-003	2.4000e-003	131.9201
High Turnover (Sit Down Restaurant)	3.68623e+006	0.0199	0.1807	0.1518	1.0800e-003		0.0137	0.0137		0.0137	0.0137	0.0000	196.7111	196.7111	3.7700e-003	3.6100e-003	197.8801
Hotel	4.035e+006	0.0218	0.1978	0.1662	1.1900e-003		0.0150	0.0150		0.0150	0.0150	0.0000	215.3230	215.3230	4.1300e-003	3.9500e-003	216.6025
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	38375	2.1000e-004	1.8800e-003	1.5800e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	2.0478	2.0478	4.0000e-005	4.0000e-005	2.0600
Total		0.0551	0.5008	0.4207	3.0000e-003		0.0381	0.0381		0.0381	0.0381	0.0000	545.2227	545.2227	0.0105	0.0100	548.4627

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	461600	20.1003	0.0000	0.0000	20.1003
High Turnover (Sit Down Restaurant)	692400	30.1505	0.0000	0.0000	30.1505
Hotel	1.745e+006	75.9858	0.0000	0.0000	75.9858
Parking Lot	139931	6.0933	0.0000	0.0000	6.0933
Regional Shopping Center	303500	13.2159	0.0000	0.0000	13.2159
Total		145.5457	0.0000	0.0000	145.5457

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Fast Food Restaurant with Drive Thru	422890	18.4147	0.0000	0.0000	18.4147
High Turnover (Sit Down Restaurant)	634335	27.6220	0.0000	0.0000	27.6220
Hotel	1.5427e+006	67.1767	0.0000	0.0000	67.1767
Parking Lot	139931	6.0933	0.0000	0.0000	6.0933
Regional Shopping Center	267713	11.6575	0.0000	0.0000	11.6575
Total		130.9642	0.0000	0.0000	130.9642

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6433	4.0000e-005	4.9200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4100e-003
Unmitigated	0.6437	8.0000e-005	8.4900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0751					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.8000e-004	8.0000e-005	8.4900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177
Total	0.6437	8.0000e-005	8.4900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0166	0.0166	4.0000e-005	0.0000	0.0177

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0751					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.3000e-004	4.0000e-005	4.9200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4100e-003
Total	0.6433	4.0000e-005	4.9200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	8.9600e-003	8.9600e-003	2.0000e-005	0.0000	9.4100e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	11.6431	0.3916	9.2500e-003	24.1874
Unmitigated	14.3656	0.4895	0.0116	30.0460

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	3.03534 / 0.193745	2.7777	0.0989	2.3400e-003	5.9463
High Turnover (Sit Down Restaurant)	4.55301 / 0.290617	4.1666	0.1484	3.5000e-003	8.9195
Hotel	5.58069 / 0.620077	5.2347	0.1819	4.2900e-003	11.0604
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.85181 / 1.13498	2.1866	0.0603	1.4200e-003	4.1197
Total		14.3656	0.4895	0.0116	30.0460

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Fast Food Restaurant with Drive Thru	2.42827 / 0.181926	2.2352	0.0791	1.8700e-003	4.7701
High Turnover (Sit Down Restaurant)	3.6424 / 0.27289	3.3528	0.1187	2.8000e-003	7.1552
Hotel	4.46455 / 0.582252	4.2295	0.1455	3.4400e-003	8.8901
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.48145 / 1.06575	1.8256	0.0483	1.1400e-003	3.3721
Total		11.6431	0.3916	9.2500e-003	24.1874

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	22.3488	1.3208	0.0000	55.3682
Unmitigated	89.3952	5.2831	0.0000	221.4728

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	115.19	23.3825	1.3819	0.0000	57.9292
High Turnover (Sit Down Restaurant)	178.5	36.2339	2.1414	0.0000	89.7679
Hotel	120.45	24.4503	1.4450	0.0000	60.5745
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	26.25	5.3285	0.3149	0.0000	13.2012
Total		89.3952	5.2831	0.0000	221.4728

Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Fast Food Restaurant with Drive Thru	28.7975	5.8456	0.3455	0.0000	14.4823
High Turnover (Sit Down Restaurant)	44.625	9.0585	0.5353	0.0000	22.4420
Hotel	30.1125	6.1126	0.3612	0.0000	15.1436
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	6.5625	1.3321	0.0787	0.0000	3.3003
Total		22.3488	1.3208	0.0000	55.3682

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
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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Summit Station - 2040 Phase 2 (Mitigated) - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

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

11.0 Vegetation

Electric Equipment Emissions

Equipment	Number of Equipment ¹	Hours per Day ¹	Days per Year ¹	Equipment Size ² (hp)	Equipment Size (kW)	Load Factor ²	SCE electricity emission factor ³ (MT CO ₂ e/MWh)	Emissions (MT CO ₂ e/year)
Phase 1 (2024)								
Forklift	51	12	365	89	66.4	0.20	0.156	463.7
Yard Truck	9	12	365	190	141.7	0.44	0.156	384.3
Total								848.0

Notes:

¹ Project-specific data.

² Equipment size and load factors based on CalEEMod Appendix D, Table 3.3

³ CO₂e intensity factor for SCE accounts for the projected RPS improvements consistent with SB 100.

Conversion Factors:

0.7457 kW/hp
1000 kW/MW

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2024

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	Total_Activity	Total_Population	Horsepower_Hours_hhpy	
Riverside (SC)	2024	Industrial - Forklifts	Aggregate	100 Diesel	0.0032398	0.0039201	0.0046652	0.0485753	0.0369677	7.0827357	0.0021142	0.001945	6.53862E-05	5.78083E-05	229791.5604	268584.02	344.6360321	22138608.71	
					g/hph														
					2024	0.0484571	0.0586331	0.0697782	0.7265422	0.5529269	105.93674	0.0316215	0.0290918	0.000977984	0.000864641	3437000.979			
					Fuel_gphr														
					Phase 1 Forklifts														
					HP														
					Hours per Day														
					Days per Year														
					1 pound =														
					453.5924 grams														
					Emissions Source														
					Phase 1 Forklifts														
					7.04	66.40	87.24	0.12	3.80	3.49	12.721	2.106							
					metric tons/yr														

Based on aggregated emission rates obtained from CARB OFFROAD Version 1.0.1.

Number of forklifts per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory

Region Type: Sub-Area

Region: San Bernardino (SC)

Calendar Year: 2024, 2025, 2026

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Ye	Vehicle Category	Model Year	Horsepower Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	Total_Activi	Total_Popul	Horsepower_Hours_	
San Bernarc	2024	Cargo Handling Equipme	Aggregate	175 Diesel	0.0033694	0.004077	0.004852	0.2022431	0.0131492	31.238822	0.000545314	0.000501689	0.000288717	0.000254967	1013509.19	302936.45	70.784985	50230292.24	
San Bernarc	2024	Cargo Handling Equipme	Aggregate	300 Diesel	0.000379	0.0004586	0.0005458	0.007841	0.0014355	3.5547135	5.78061E-05	5.31816E-05	3.28537E-05	2.90131E-05	115328.7653	28578.91	6.6778288	5715782.002	
					g/hph														
					HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr				
2024					0.022212	0.0268766	0.0319853	1.3332265	0.0866822	205.93248	0.003594817	0.003307232	0.001903282	0.001680793	6681252.608				
2024					0.0219573	0.0265683	0.0316185	0.4542455	0.0831627	205.93248	0.003348838	0.003080931	0.001903289	0.001680793	6681252.608				
					HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr				
2024					1.5722792	1.9024579	2.2640821	94.372417	6.1357948	14576.928	0.254459098	0.234102371	0.134723758	0.118974925	472932368				
					0.146627	0.1774187	0.2111429	3.033374	0.5553463	1375.1819	0.022362965	0.020573928	0.01270984	0.01122405	44616261.14				
					1.7189062	2.0798766	2.475225	97.405791	6.691141	15952.11	0.276822064	0.254676298	0.147433597	0.130198974	517548629.2				
					0.0221901	0.02685	0.0319537	1.2574523	0.0863787	205.93248	0.003573612	0.003287723	0.001903282	0.001680793	6681252.608				

Phase 1 Yard Trucks 9
 HP 190
 Hours per Day 12
 Days per Year 365
 1 pound = 453.5924 grams

Emissions Source	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	metric tons/yr
Phase 1a Yard Trucks	1.21	3.91	56.89	0.09	0.16	0.15	9316.15	1,542

Based on aggregated emission rates obtained from CARB OFFROAD Version 1.0.1.
 Number of yard trucks/hostlers per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Emergency Generator	Diesel	3	750	0.74	50	1	2,250	112,500

Emissions Rates (g/hp-hr)

HC	ROG	TOG	CO	NO _x	CO ₂	PM ₁₀	PM _{2.5}	PM	SO _x
0.14	1.0205827	1.1249089	2.6	2.85	521.63114	0.15	0.15	0.15	0.00494

From CalEEMod Guide Appendix D, Table 12.1.

Emissions

	HC	ROG	TOG	CO	NO _x	CO ₂	PM ₁₀	PM _{2.5}	PM	SO _x
Pounds/Day	0.69	5.06	5.58	12.90	14.14	2587.50	0.74	0.74	0.74	0.02
Tons/Year	0.02	0.13	0.14	0.32	0.35	64.69	0.02	0.02	0.02	0.00
Metric Tons/Year						58.68				

PM Emissions Rate

Annual Tons PM10:	0.02
Grams:	16875
hours/year:	50
seconds/year:	180000
g/s:	9.38E-02
g/s (per generator):	3.13E-02

Phase 1 Energy Calculations

Construction Fuel Consumption

On-Site Diesel ¹	MTCO ₂ e	Gallons of Fuel ⁴	Construction Year 2024 County Fuel	Percent
Demolition	26	2,522		
Site Preparation/Grading	130	12,778		
Building Construction	350	34,483		
Paving	87	8,571		
Architectural Coating	14	1,379		
Total	606	59,734	258,604,804	0.0231%

Off-Site Diesel ¹	MTCO ₂ e	Gallons of Fuel ⁴	Construction Year 2024 County Fuel	Percent
Demolition	144	14,187		
Site Preparation/Grading	800	78,818		
Building Construction	2,732	269,163		
Paving	0	0		
Architectural Coating	0	0		
Total	3,676	362,167	258,604,804	0.1400%

Off-Site Gasoline ²	MTCO ₂ e	Gallons of Fuel ⁴	Construction Year 2024 County Fuel	Percent
Demolition	1	114		
Site Preparation/Grading	5	511		
Building Construction	3,319	376,731		
Paving	11	1,237		
Architectural Coating	238	27,015		
Total	3,573	405,607	711,897,828	0.0570%

Total Diesel Fuel		421,901	258,604,804	0.1631%
Total Gasoline Fuel		405,607	711,897,828	0.0570%
Total Construction Fuel	7,856	827,509		

Construction Phase ³	Demolition			Site Preparation			Grading		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)
2023	26	144	1	34	0	2	96	800	3
Total	26	144	1	34	0	2	96	800	3

Construction Phase ³	Building Construction			Paving			Architectural Coating		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)
2023	146	1149	1409	0	0	6	0		0
2024	204	1583	1910	87	0	5	14	0	238
Total	350	2,732	3,319	87	0	11	14	0	238

Notes:

¹ Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

² Fuel used for worker trips assumed to be gasoline.

³ MTCO₂e rates from CalEEMod (3.0 Construction Details).

⁴ For CO₂e emissions, see Chapter 13 (page 94); Conversion Ratios: Climate Registry, General Reporting Protocol, 2016.

Climate Registry Conversion Ratios:

- Gasoline: 10.15 kg CO₂ per gallon / 1,000 kg per metric ton

Construction Water Energy

Daily Soil Disturbance ¹	4	acres
Days of Soil Disturbance ²	55	days
Water Concentration ³	3,020	gallons/acre
Water Energy Intensity ⁴	11,110	kWh/MG
Total Construction Water	0.66	million gallons
Construction Water Energy	7,381	kWh
	0.0074	GWh

Notes:

¹ Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

² Number of days of construction (site prep and grading phases) with soil-disturbing equipment per CalEEMod (3.0 Construction Detail).

³ Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

⁴ Water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343.

Operational Fuel

Vehicle Type	Percent ¹	Annual VMT ²	MPG ³	Annual Fuel (Gallons)	Fuel Type	Riverside Gallons ⁴	Riverside Percent	
Passenger Cars	1.00	18,326,599	21.6	848,454	Gas	711,897,828	0.1192%	0.3256%
Light/Medium Trucks	0.42	2,971,650	17.2	172,770	Diesel	258,604,804	0.0668%	
Heavy Trucks/Other	0.58	4,083,181	6.1	669,374	Diesel	258,604,804	0.2588%	
Total Trucks		7,054,831						
Total				1,690,598		970,502,632		

Land Use	LDA	LDT1	LDT2	MCY	MDV	LHD1	LHD2	MHD	OBUS	UBUS	SBUS	MH	HHD
City Park	0	0	0	0	0	0	0	0	0	0	0	0	0
Office	1	0	0	0	0	0	0	0	0	0	0	0	0
Parking	0	0	0	0	0	0	0	0	0	0	0	0	0
Unrefrigerated Warehouse	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1945	0.2267	0.0000	0.0000	0.0000	0.0000	0.5788
	1	0	0	0	0	0	0.194534	0.226688	0	0	0	0	0.578778

Notes:

¹ Percent of vehicle trip distribution based on fleet mix from CalEEMod (4.4 Fleet Mix).

² Total annual operational VMT based on mitigated annual VMT from CalEEMod (4.2 Trip Summary Information).

³ Average fuel economy derived from Department of Transportation.

⁴ Total annual county fuel per EMFAC 2017 model of projected operational fuel usage.

Operational Water Energy

Mitigated Indoor	11.1	million gallons
Indoor Energy Intensity Factor ¹	13,021	kWh/MG
Mitigated Outdoor	21	million gallons
Outdoor Energy Intensity Factor ²	11,110	kWh/MG
Operational Water Energy	379,582	kWh

Land Use ³	Unmitigated (MG)		Mitigated (MG)	
	Indoor	Outdoor	Indoor	Outdoor
City Park	0	0	0	0
Office	0	0	0	0
Parking	0	0	0	0
Unrefrigerated Warehouse	11	21	11	21
Total Operational Water	11	21	11	21

Notes:

¹ Indoor water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343. Factor includes supply, treatment, distribution, and wastewater.

² Outdoor water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343. Factor includes supply, treatment, and distribution.

³ Operational water use values per CalEEMod (7.2 Water by Land Use).

Electricity/Natural Gas Energy

	Mitigated Project	Riverside County	Percentage
	Annual Energy	Annual Energy ³	Increase
Electricity (kWh/yr)	6,574,846	15,520,129,785	0.0424%
Natural Gas (kBTU/yr)	3,413,805	43,694,155,500	0.0078%
Natural Gas (therms/yr)	34,138	436,941,555	0.0078%

Land Use	Electricity ¹ (kWh/yr)		Natural Gas ² (kBTU/yr)	
	Unmitigated	Mitigated	Unmitigated	Mitigated
City Park	0	0	0	0
Office	459,500	411,550	171,500	111,475
Parking	635,586	635,586	0	0
Unrefrigerated Warehouse	5,817,320	5,527,710	5,040,000	3,302,330
Total Energy	6,912,406	6,574,846	5,211,500	3,413,805

Notes:

¹ Electricity use per CalEEMod (5.3 Energy by Land Use).

² Natural Gas use per CalEEMod (5.2 Natural Gas by Land Use).

³ County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov.

Phase 2 Energy Calculations

Construction Fuel Consumption

On-Site Diesel ¹	MTCO ₂ e	Gallons of Fuel ⁴	Construction Year 2026 County Fuel	Percent
Demolition	34	3,350		
Site Preparation/Grading	99	9,754		
Building Construction	349	34,384		
Paving	20	1,970		
Architectural Coating	3	296		
Total	505	49,754	259,691,567	0.0192%

Off-Site Diesel ¹	MTCO ₂ e	Gallons of Fuel ⁴	Construction Year 2026 County Fuel	Percent
Demolition	0	0		
Site Preparation/Grading	0	0		
Building Construction	224	22,069		
Paving	0	0		
Architectural Coating	0	0		
Total	224	22,069	259,691,567	0.0085%

Off-Site Gasoline ²	MTCO ₂ e	Gallons of Fuel ⁴	Construction Year 2026 County Fuel	Percent
Demolition	1	114		
Site Preparation/Grading	4	454		
Building Construction	259	29,398		
Paving	7	783		
Architectural Coating	3	387		
Total	274	31,136	683,180,406	0.0046%

Total Diesel Fuel		71,823	259,691,567	0.0277%
Total Gasoline Fuel		31,136	683,180,406	0.0046%
Total Construction Fuel	1,003	102,959		

Construction Phase ³	Demolition			Site Preparation			Grading		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)
2026	34	0	1	17	0	1	82	0	3
Total	34	0	1	17	0	1	82	0	3

Construction Phase ³	Building Construction			Paving			Architectural Coating		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)
2026	234	151	175	0	0	6	0		0
2027	115	73	84	20	0	1	3	0	3
Total	349	224	259	20	0	7	3	0	3

Notes:

¹ Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

² Fuel used for worker trips assumed to be gasoline.

³ MTCO₂e rates from CalEEMod (3.0 Construction Details).

⁴ For CO₂e emissions, see Chapter 13 (page 94); Conversion Ratios: Climate Registry, General Reporting Protocol, 2016.

Climate Registry Conversion Ratios:

- Gasoline: 10.15 kg CO₂ per gallon / 1,000 kg per metric ton

Construction Water Energy

Daily Soil Disturbance ¹	4	acres
Days of Soil Disturbance ²	40	days
Water Concentration ³	3,020	gallons/acre
Water Energy Intensity ⁴	11,110	kWh/MG
Total Construction Water	0.48	million gallons
Construction Water Energy	5,368	kWh
	0.0054	GWh

Notes:

¹ Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

² Number of days of construction (site prep and grading phases) with soil-disturbing equipment per CalEEMod (3.0 Construction Detail).

³ Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

⁴ Water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343.

Operational Fuel

Vehicle Type	Percent ¹	Annual VMT ²	MPG ³	Annual Fuel (Gallons)	Fuel Type	Riverside Gallons ⁴	Riverside Percent	
Passenger Cars	0.93	27,950,953	21.6	1,294,026	Gas	683,180,406	0.1894%	0.0679%
Light/Medium Trucks	0.05	1,472,728	17.2	85,624	Diesel	259,691,567	0.0330%	
Heavy Trucks/Other	0.02	553,071	6.1	90,667	Diesel	259,691,567	0.0349%	
Total	1.00	29,976,752		1,470,317		942,871,973		

Land Use	LDA	LDT1	LDT2	MCY	MDV	LHD1	LHD2	MHD	OBUS	UBUS	SBUS	MH	HHD
Fast Food	0.544951	0.056922	0.175129	0.023172	0.132247	0.024165	0.006855	0.011655	0.000608	0.000293	0.001089	0.004464	0.01845
Sit Down Restaurant	0.544951	0.056922	0.175129	0.023172	0.132247	0.024165	0.006855	0.011655	0.000608	0.000293	0.001089	0.004464	0.01845
Hotel	0.544951	0.056922	0.175129	0.023172	0.132247	0.024165	0.006855	0.011655	0.000608	0.000293	0.001089	0.004464	0.01845
Parking	0.544951	0.056922	0.175129	0.023172	0.132247	0.024165	0.006855	0.011655	0.000608	0.000293	0.001089	0.004464	0.01845
Shopping Center	0.544951	0.056922	0.175129	0.023172	0.132247	0.024165	0.006855	0.011655	0.000608	0.000293	0.001089	0.004464	0.01845
	0.544951	0.056922	0.175129	0.023172	0.132247	0.024165	0.006855	0.011655	0.000608	0.000293	0.001089	0.004464	0.01845

Notes:

- ¹ Percent of vehicle trip distribution based on fleet mix from CalEEMod (4.4 Fleet Mix).
- ² Total annual operational VMT based on mitigated annual VMT from CalEEMod (4.2 Trip Summary Information).
- ³ Average fuel economy derived from Department of Transportation.
- ⁴ Total annual county fuel per EMFAC 2017 model of projected operational fuel usage.

Operational Water Energy

Mitigated Indoor	26.4	million gallons
Indoor Energy Intensity Factor ¹	13,021	kWh/MG
Mitigated Outdoor	1	million gallons
Outdoor Energy Intensity Factor ²	11,110	kWh/MG
Operational Water Energy	359,845	kWh

Land Use ³	Unmitigated (MG)		Mitigated (MG)	
	Indoor	Outdoor	Indoor	Outdoor
Fast Food	0	0	0	0
Sit Down Restaurant	0	0	0	0
Hotel	0	0	0	0
Parking	0	0	0	0
Shopping Center	26	1	26	1
Total Operational Water	26	1	26	1

Notes:

¹ Indoor water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343. Factor includes supply, treatment, distribution, and wastewater.

² Outdoor water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343. Factor includes supply, treatment, and distribution.

³ Operational water use values per CalEEMod (7.2 Water by Land Use).

Electricity/Natural Gas Energy

	Mitigated Project Annual Energy	Riverside County Annual Energy ³	Percentage Increase
Electricity (kWh/yr)	3,007,569	15,520,129,785	0.0194%
Natural Gas (kBTU/yr)	10,217,095	43,694,155,500	0.0234%
Natural Gas (therms/yr)	102,171	436,941,555	0.0234%

Land Use	Electricity ¹ (kWh/yr)		Natural Gas ² (kBTU/yr)	
	Unmitigated	Mitigated	Unmitigated	Mitigated
Fast Food	461,600	422,890	2,726,600	2,457,490
Sit Down Resturant	692,400	634,335	4,089,900	3,686,230
Hotel	1,745,000	1,542,700	5,946,000	4,035,000
Parking	139,931	139,931	0	0
Shopping Center	303,500	267,713	55,000	38,375
Total Energy	3,342,431	3,007,569	12,817,500	10,217,095

Notes:

¹ Electricity use per CalEEMod (5.3 Energy by Land Use).

² Natural Gas use per CalEEMod (5.2 Natural Gas by Land Use).

³ County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov.