



Appendix B

Air Quality



Meridian South Campus

AIR QUALITY IMPACT ANALYSIS

MARCH JOINT POWERS AUTHORITY (MARCH JPA)

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LIST OF ABBREVIATED TERMS

%	Percent
°F	Degrees Fahrenheit
(1)	Reference
µg/m ³	Microgram per Cubic Meter
<i>1992 CO Plan</i>	<i>1992 Federal Attainment Plan for Carbon Monoxide</i>
<i>1993 CEQA Handbook</i>	<i>SCAQMD's CEQA Air Quality Handbook (1993)</i>
<i>2003 AQMP</i>	<i>SCAQMD's 2003 Air Quality Management Plan</i>
<i>2003 Focused EIR</i>	<i>March Business Center Specific Plan and Final Focused Environmental Impact Report (SCH#2002071089)</i>
<i>2016 AQMP</i>	<i>SCAQMD's Final 2019 Air Quality Management Plan</i>
<i>2016-2040 RTP/SCS</i>	<i>2016-2040 Regional Transportation Plan/Sustainable Communities Strategy</i>
AB 2595	California Clean Air Act
AQIA	Air Quality Impact Analysis
AQMP	Air Quality Management Plan
BAAQMD	Bay Area Air Quality Management District
BC	Black Carbon
C ₂ Cl ₄	Perchloroethylene
C ₄ H ₆	1,3-butadiene
C ₆ H ₆	Benzene
C ₂ H ₃ Cl	Vinyl Chloride
C ₂ H ₄ O	Acetaldehyde
CAA	Federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
CAP	Climate Action Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
<i>CEQA Guidelines</i>	<i>2019 CEQA Statute and Guidelines</i>
CH ₂ O	Formaldehyde
CO	Carbon Monoxide

COH	Coefficient of Haze
COHb	Carboxyhemoglobin
County	County of Riverside
Cr(VI)	Chromium
CTP	Clean Truck Program
Cr(VI)	Chromium
CRRC	Cool Roof Rating Council
CTP	Clean Truck Program
CY	Cubic Yards
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
EC	Elemental Carbon
EIR	Environmental Impact Reports
EMFAC	EMissions FACtor Model
EPA	Environmental Protection Agency
ETW	Equivalent Test Weight
EV	Electric Vehicles
g/L	Grams Per Liter
GHG	Greenhouse Gas
GVWR	Gross Vehicle Weight Rating
H ₂ S	Hydrogen Sulfide
HDT	Heavy Duty Trucks
HI	Hazard Index
HHDT	Heavy-Heavy-Duty Trucks
hp	Horsepower
HRA	<i>Meridian South Campus Health Risk Assessment</i>
HVAC	Heating, Ventilation, and Air Conditioning
I-215	Interstate 215
ITE	Institute of Transportation Engineers
lbs	Pounds
lbs/day	Pounds Per Day
LDA	Light Duty Auto
LDT1/LDT2	Light-Duty Trucks
LHDT	Light-Heavy-Duty Trucks
LST	Localized Significance Threshold
<i>LST METHODOLOGY</i>	Final Localized Significance Threshold Methodology
MARB/IPA	March Air Reserve Base/Inland Port Airport
March JPA	March Joint Powers Authority

MATES	Multiple Air Toxics Exposure Study
MDV	Medium-Duty Vehicles
MHDT	Medium-Heavy-Duty Trucks
MICR	Maximum Individual Cancer Risk
MM	Mitigation Measures
MW	Megawatt
MWELO	California Department of Water Resources' Model Water Efficient
N ₂	Nitrogen
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
O ₂	Oxygen
O ₃	Ozone
O ₂ Deficiency	Chronic Hypoxemia
OBD-II	On-Board Diagnostic
OPR	Office of Planning and Research
Pb	Lead
PM ₁₀	Particulate Matter 10 microns in diameter or less
PM _{2.5}	Particulate Matter 2.5 microns in diameter or less
POLA	Port of Los Angeles
POLB	Port of Long Beach
ppm	Parts Per Million
Project	Meridian South Campus
PV	Photovoltaic
RECLAIM	Regional Clean Air Incentives Market
RFG-2	Reformulated Gasoline Regulation
ROG	Reactive Organic Gases
RTP	Regional Transportation Plan
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCAQMD Rule 403	Fugitive Dust
SCAQMD Rule 1113	Architectural Coating
SCS	Sustainable Communities Strategy
SEER	Season Energy Efficiency Ratio

sf	Square Feet
SIPs	State Implementation Plans
SO ₂	Sulfur Dioxide
SO ₄	Sulfates
SO _x	Sulfur Oxides
SP-I	March Business Center Specific Plan
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TAZ	Traffic Analysis Zone
TDM	Transportation Demand Management
TIA	<i>Meridian South Campus Traffic Impact Analysis</i>
TITLE I	Non-Attainment Provisions
TITLE II	Mobile Sources Provisions
UFP	Ultra Fine Particles
UTRs	Utility Tractors
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
vph	Vehicles Per Hour

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EXECUTIVE SUMMARY

ES.1 SUMMARY OF FINDINGS

The results of this *Meridian South Campus Air Quality Impact Analysis* (AQIA) are summarized below based on the significance criteria in Section 3 of this report consistent with Appendix G of the *California Environmental Quality Act (CEQA) Guidelines* (CEQA Guidelines) as implemented by March JPA (1). Consistent with the *Meridian South Campus Traffic Impact Analysis* (TIA) prepared by Urban Crossroads, Inc., this air study is intended to evaluate the net change in potential impacts associated with Phase III of the 2003 Focused Environmental Impact Report (EIR) (referred to herein as the 2003 EIR Phase III) to the currently proposed Project (2). The proposed Project involves a shift in land uses as compared to the 2003 EIR Phase III. For the purposes of this air study, the net change in emissions is considered the “Project”. As such, this AQIA provides emissions for both the proposed Project and the 2003 EIR Phase III conditions in order to provide an appropriate comparative analysis. Table ES-1 shows the findings of significance for each potential air quality impact under CEQA before and after any required mitigation described below.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS (1 OF 2)

Analysis	Report Section	Significance Findings		
		Unmitigated	Mitigation Measure	Mitigated ¹
Regional Construction Emissions	5.3	<i>Potentially Significant</i>	MM AQ-1 MM AQ-2 MM AQ-3	<i>Less than significant</i>
Localized Construction Emissions	5.5	<i>Less Than Significant</i>	<i>n/a</i>	<i>n/a</i>
Regional Operational Emissions	5.4	<i>Potentially Significant</i>	MM AQ-4 MM AQ-5 MM AQ-6 MM AQ-7 MM AQ-8 MM AQ-9 MM AQ-10 MM AQ-11 MM AQ-12 MM AQ-13 MM AQ-14 MM AQ-15 MM AQ-16 MM AQ-17	<i>Significant and Unavoidable</i>
Localized Operational Emissions	5.6	<i>Less Than Significant</i>	<i>n/a</i>	<i>n/a</i>

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS (2 OF 2)

Analysis	Report Section	Significance Findings		
		Unmitigated	Mitigation Measure	Mitigated ¹
CO “Hot Spot” Analysis	5.7	<i>Less Than Significant</i>	<i>n/a</i>	<i>n/a</i>
Air Quality Management Plan	5.8	<i>Less Than Significant</i>	<i>n/a</i>	<i>n/a</i>
Regional Transportation Plan/ Sustainable Communities Strategy	5.9	<i>Less Than Significant</i>	<i>n/a</i>	<i>n/a</i>
Sensitive Receptors	5.10	<i>Less Than Significant</i>	<i>n/a</i>	<i>n/a</i>
Odors	5.11	<i>Less Than Significant</i>	<i>n/a</i>	<i>n/a</i>
Cumulative Impacts	5.12	<i>Potentially Significant</i>	<i>MM AQ-1</i> <i>MM AQ-2</i> <i>MM AQ-3</i> <i>MM AQ-4</i> <i>MM AQ-5</i> <i>MM AQ-6</i> <i>MM AQ-7</i> <i>MM AQ-8</i> <i>MM AQ-9</i> <i>MM AQ-10</i> <i>MM AQ-11</i> <i>MM AQ-12</i> <i>MM AQ-13</i> <i>MM AQ-14</i> <i>MM AQ-15</i> <i>MM AQ-16</i> <i>MM AQ-17</i>	<i>Significant and Unavoidable</i>

¹ As Operational mitigation measures cannot be quantified, findings will disclose a “Significant and Unavoidable” finding.

ES.2 STANDARD REGULATORY REQUIREMENTS

There are numerous requirements that development projects must comply with by law, and that were put in place by federal, State, and local regulatory agencies for the improvement of air quality. The two most pertinent regulatory requirements that apply to the proposed Project and which are required by South Coast Air Quality Management District (SCAQMD) Rules that are currently applicable during construction activity for this Project include but are not limited to Rule 403 (Fugitive Dust) (3) and Rule 1113 (Architectural Coatings) (4). As such, credit for Rule 403 and Rule 1113 have been taken in the analysis.

SCAQMD RULE 403

This rule is intended to reduce the amount of particulate matter entrained in the ambient air as a result of anthropogenic (human-made) fugitive dust sources by requiring actions to prevent and reduce fugitive dust emissions. Rule 403 applies to any activity or human-made condition capable of generating fugitive dust and requires best available control measures to be applied to earth moving and grading activities.

SCAQMD RULE 1113

This rule serves to limit the Volatile Organic Compound (VOC) content of architectural coatings used on projects in the SCAQMD. Any person who supplies, sells, offers for sale, or manufactures any architectural coating for use on projects in the SCAQMD must comply with the current VOC standards set in this rule.

ES.3 PROJECT MITIGATION MEASURES**ES.3.1 CONSTRUCTION-SOURCE MMs**

The Project construction-source emissions have the potential to exceed SCAQMD regional thresholds for VOC and NO_x emissions prior to mitigation. Mitigation Measure (MM) AQ-1 through MM AQ-3 are designed to reduce Project construction-source VOC and NO_x emissions (it should be noted that reductions from MM AQ-3 are not quantifiable). After application of MM AQ-1 through MM AQ-3, Project construction-source emissions will not exceed SCAQMD regional thresholds for VOC and NO_x emissions. Thus, the Project would result in a less than significant impact associated with construction activities.

MM AQ-1

The Construction Contractor shall ensure that off-road diesel construction equipment rated at 50 horsepower (hp) or greater, complies with EPA/CARB Tier 4 off-road emissions standards or equivalent and shall ensure that all construction equipment is tuned and maintained in accordance with the manufacturer's specifications.

MM AQ-2

The Project shall utilize "Super-Compliant" low VOC paints which have been reformulated to exceed the regulatory VOC limits put forth by SCAQMD's Rule 1113. Super-Compliant low VOC paints shall be no more than 10 grams per liter (g/L) of VOC. Alternatively, the applicant may utilize tilt-up concrete buildings that do not require the use of architectural coatings.

MM AQ-3

The Project will provide a construction relations officer to act as a community liaison to oversee on-site construction activity and all emissions and congestion related matters. A phone number and email contact information for the construction relations officer shall be posted on signage at construction site entrance points.

ES.3.2 OPERATIONAL-SOURCE MMs

For regional emissions, the Project has the potential to exceed the numerical thresholds of significance established by the SCAQMD. It is important to note that the majority of the Project's emissions are derived from vehicle usage (passenger cars and trucks). Since neither the Project Applicant nor the March JPA have regulatory authority to control tailpipe emissions, no feasible MMs beyond the measures identified herein exist that would reduce emissions to levels that are less-than-significant, thus these emissions are considered significant and unavoidable.

The following measures (MM AQ-4 through MM AQ-17) are designed to reduce Project operational-source VOCs, NO_x, CO, PM₁₀, and PM_{2.5} emissions. There is no way to meaningfully quantify these reductions in California Emissions Estimator Model (CalEEMod), and therefore no numeric emissions credit has been taken in the analysis. Additionally, Transportation Demand Management (TDM) measures implemented as mitigation for transportation vehicle miles traveled (VMT) impacts would act to generally reduce vehicle-source emissions. The efficacy of TDMs and any resulting emissions reductions would be dependent on as yet-unknown building tenants and final site plan designs. Accordingly, emissions reductions resulting from implementation of TDMs are not quantified within this analysis. As such, even with application of MM AQ-4 through MM AQ-17 and TDMs, Project operational-source emissions impacts would be significant and unavoidable.

MM AQ-4

Legible, durable, weather-proof signs shall be placed at truck access gates, loading docks, and truck parking areas that identify applicable CARB anti-idling regulations. At a minimum, each sign shall include: 1) instructions for truck drivers to shut off engines when not in use; 2) instructions for drivers of diesel trucks to restrict idling to no more than five (5) minutes once the vehicle is stopped, the transmission is set to "neutral" or "park," and the parking brake is engaged; and 3) telephone numbers of the building facilities manager and the CARB to report violations. Prior to the issuance of an occupancy permit, March JPA shall conduct a site inspection to ensure that the signs are in place.

MM AQ-5

Prior to tenant occupancy, the Project Applicant or successor in interest shall provide documentation to March JPA demonstrating that occupants/tenants of the Project site have been provided documentation on funding opportunities, such as the Carl Moyer Program, that provide incentives for using cleaner-than-required engines and equipment.

MM AQ-6

Prior to the issuing of each building permit, the project proponent and its contractors shall provide plans and specifications to the March JPA that demonstrate that each project building is designed for passive heating and cooling and is designed to include natural light. Features designed to achieve this shall include the proper placement of windows, overhangs, and skylights.

MM AQ-7

Prior to the issuing of each building permit, the project proponent and its contractors shall provide plans and specifications to the March JPA that demonstrate that electrical service is provided to each of the areas in the vicinity of the building that are to be landscaped in order that electrical equipment may be used for landscape maintenance.

MM AQ-8

Once constructed, the project proponent shall ensure that all building tenants shall utilize electric equipment for landscape maintenance to the extent feasible, through requirements in the lease agreements.

MM AQ-9

Once constructed, the project proponent shall ensure that all building tenants shall utilize only electric or natural gas service yard trucks (hostlers), pallet jacks and forklifts, and other onsite equipment, through requirements in the lease agreements. Electric-powered service yard trucks (hostlers), pallet jacks and forklifts, and other onsite equipment shall also be required instead of diesel-powered equipment, if technically feasible. Yard trucks may be diesel fueled in lieu of electrically or natural gas fueled provided such yard trucks are at least compliant with California Air Resources Board (CARB) 2010 standards for on-road vehicles or CARB Tier 4 compliant for off-road vehicles.

MM AQ-10

Upon occupancy, the facility operator shall require tenants that do not already operate 2010 and newer trucks to apply in good faith for funding to replace/retrofit their trucks, such as Carl Moyer, VIP, Prop 1B, SmartWay Finance, or other similar funds. If awarded, the tenant shall be required to accept and use the funding. Tenants shall be encouraged to consider the use of alternative fueled trucks as well as new or retrofitted diesel trucks. Tenants shall also be encouraged to become SmartWay Partners, if eligible. This measure shall not apply to trucks that are not owned or operated by the facility operator or facility tenants since it would be infeasible to prohibit access to the site by any truck that is otherwise legal to operate on California roads and highways.

MM AQ-11

Tenants who employ 250 or more employees on a full- or part-time basis shall comply with SCAQMD Rule 2202, On-Road Motor Vehicle Mitigation Options. The purpose of this rule is to provide employees with a menu of options to reduce employee commute vehicle emissions. Tenants with less than 250 employees or tenants with 250 or more employees who are exempt from SCAQMD Rule 2202 (as stated in the Rule) shall either (a) join with a tenant who is implementing a program in accordance with Rule 2202 or (b) implement an emission reduction program similar to Rule 2202 with annual reporting of actions and results to March JPA. The tenant-implemented program would include, but not be limited to the following:

- Appoint a Transportation Demand Management (TDM) coordinator who would promote the TDM program, activities and features to all employees.

- Create and maintain a “commuter club” to manage subsidies or incentives for employees who carpool, vanpool, bicycle, walk, or take transit to work.
- Inform employees of public transit and commuting services available to them (e.g., social media, signage).
- Provide on-site transit pass sales and discounted transit passes.
- Guarantee a ride home.
- Offer shuttle service to and from public transit and commercial areas/food establishments, if warranted.
- Coordinate with the Riverside Transit Agency and employers in the surrounding area to maximize the benefits of the TDM program.

MM AQ-12

Prior to the issuance of a building permit, the project proponent shall provide evidence to March JPA that loading docks are designed to be compatible with SmartWay trucks.

MM AQ-13

Upon occupancy and annually thereafter, the facility operator shall provide information to all tenants, with instructions that the information shall be provided to employees and truck drivers as appropriate, regarding:

- Building energy efficiency, solid waste reduction, recycling, and water conservation.
- Vehicle GHG emissions, electric vehicle charging availability, and alternate transportation opportunities for commuting.
- Participation in the Voluntary Interindustry Commerce Solutions (VICS) “Empty Miles” program to improve goods trucking efficiencies.
- Health effects of diesel particulates, State regulations limiting truck idling time, and the benefits of minimized idling.
- The importance of minimizing traffic, noise, and air pollutant impacts to any residences in the Project vicinity.

MM AQ-14

Prior to issuance of a building permit, the project proponent shall provide March JPA with an onsite signage program that clearly identifies the required onsite circulation system. This shall be accomplished through posted signs and painting on driveways and internal roadways.

MM AQ-15

Prior to issuance of an occupancy permit, the City shall confirm that signs clearly identifying approved trucks have been installed along the truck routes to and from the project site.

MM AQ-16

Prior to issuance of an occupancy permit, the project proponent shall install a sign on the property with telephone, email, and regular mail contact information for a designated representative of the tenant who would receive complaints about excessive noise, dust, fumes,

or odors. The sign shall also identify contact data for the City for perceived Code violations. The tenant's representative shall keep records of any complaints received and actions taken to communicate with the complainant and resolve the complaint. The tenant's representative shall endeavor to resolve complaints within 24 hours.

MM AQ-17

Prior to issuance of a building permit, the project proponent shall provide the City with project specifications, drawings, and calculations that demonstrate that main electrical supply lines and panels have been sized to support heavy truck charging facilities when these trucks become available. The calculations shall be based on reasonable predictions from currently available truck manufacturer's data. Electrical system upgrades that exceed reasonable costs shall not be required.

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1 INTRODUCTION

This report presents the results of the AQIA prepared by Urban Crossroads, Inc., for the proposed Meridian South Campus and Village West Drive Extension (Project). The purpose of this AQIA is to evaluate the potential impacts to air quality associated with construction and operation of the Project and recommend measures to mitigate impacts considered potentially significant in comparison to thresholds established by the SCAQMD.

1.1 SITE LOCATION

The proposed Meridian South Campus site is located on the south side of Van Buren Boulevard between Barton Street and Village West Drive, within the jurisdiction of the March JPA. The Project site is partially developed and located within the southwestern portion of the March JPA jurisdiction. More specifically, the Project site is located in the southern portion of the Meridian South Campus Specific Plan area, south of Van Buren Boulevard, west of Village West Drive, and east of Barton Street, in unincorporated Riverside County, California. Interstate 215 (I-215) is located approximately 1 mile east of the Project site.

1.2 PROJECT DESCRIPTION

The *March Business Center Specific Plan and Final Focused Environmental Impact Report (SCH#2002071089)*, which guides land use decisions within a 1,290-acre portion of the planning area, was adopted and certified in 2003. Within the March Business Center Specific Plan, two separate “campuses” were identified, along with the potential for a possible third campus. The two identified campuses include the North Campus and South Campus. The South Campus components of the March Business Center Specific Plan have been analyzed under both California Environmental Quality Act (CEQA) and National Environmental Protection Agency (NEPA) in the following documents:

- Final Environmental Impact Statement: Disposal of Portions of March Air Force Base (February 1996)
- Final Environmental Impact Report for the March Air Force Base Redevelopment Project (June 1996)
- Redevelopment Plan for the March Air Force Base Redevelopment Project (June 1996)
- March JPA Development Code (July 1997)
- General Plan of the March JPA (September 1999)
- Master Environmental Impact Report for the General Plan of the March JPA (September 1999)
- March Business Center Specific Plan (February 2003)
- March JPA General Plan Amendment (February 2003)
- March Business Center Focused Environmental Impact Report (February 2003)
- March Business Center Design Guidelines (November 2003)
- Addenda to the certified 2003 EIR, including:

- Meridian South Campus Specific Plan Amendment – Parcel Delivery Terminal Project (September 2017)
- Meridian South Campus Specific Plan Amendment – Land Swap Addendum (September 2018)

PROPOSED PROJECT

The square footage calculated based on maximum allowable floor area ratio (FAR) for each land use type is shown below:

- Office – 388.011 thousand square feet (TSF)
- Commercial – 221.394 TSF
- Grocery Store – 61.336 TSF
- Business Park – 1,764.180 TSF
- High Cube Warehouse – 800.000 TSF
- High Cube Cold Storage Warehouse – 700.000 TSF
- Warehousing – 274.437 TSF
- Dog Park – 6.2 Acres

At the time this study was prepared, the Grocery Store component was assumed to consist of 61,336 sf. However, the current site plan for the Grocery Store component reflects a 44,200 sf grocery store with 17,136 sf of shops/general commercial retail space (total of 61,336 sf of commercial retail use). For the purposes of this study, the 61,336 sf of Grocery Store use results in a higher trip generation and consequently higher emissions (therefore more conservative) as opposed to evaluating the 44,200 sf Grocery Store and 17,136 sf of commercial retail space. The higher emissions have been evaluated for the purposes of this study in order to account for any minor changes that may occur to the building area as part of the final design.

VILLAGE WEST DRIVE EXTENSION

The improved portions of Village West Drive currently terminate at Lemay Drive to the south. The proposed Project would include improvements to and the extension of Village West Drive to provide a through connection between Van Buren Boulevard to the north and Nandina Avenue to the south. The improved Village West Drive would require the removal of an abandoned water tank currently owned by Western Municipal Water District that formerly served March Air Force Base, followed by the construction of two through lanes, a center striped median, and a bike lane. Sidewalks would also be provided on either side of the roadway.

BUILT/ENTITLED LAND USES

The following uses that are built or entitled, but not yet occupied and operational will also be included as part of the proposed Project scenarios:

- Amazon (Building A) – 1,000.000 TSF
- Parcel Delivery (Building B) – 1,000.000 TSF
- Parking Lot – 61.0 Acres
- Building C (Warehousing) – 500.000 TSF

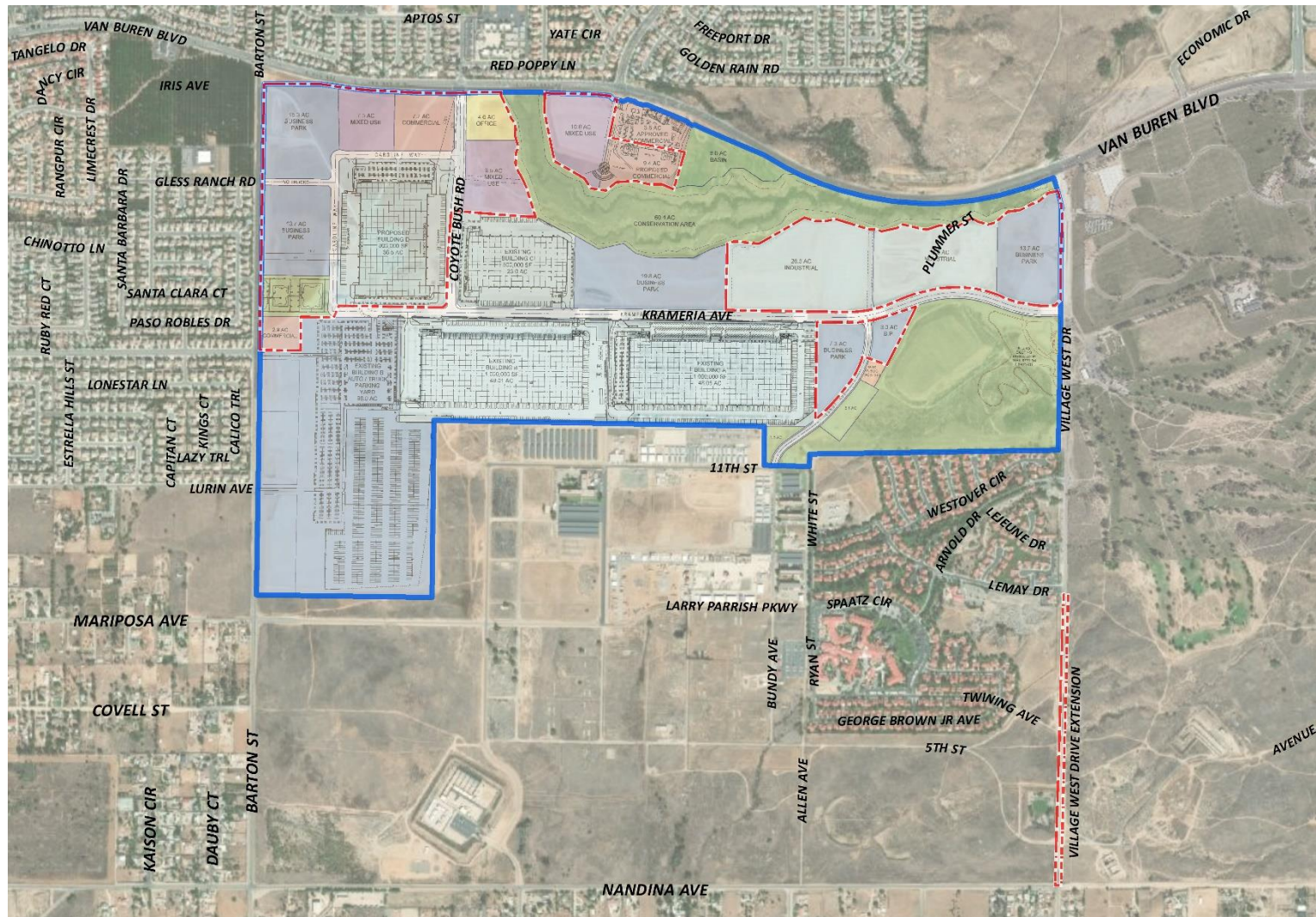
- Commercial (Parcel 72) – 15,485 TSF¹

Exhibit 1-A shows the Project site plan with the proposed uses. At the time this air study was prepared, the tenants of the Project were unknown. This air study is intended to describe emission impacts associated with the expected typical 24-hour, seven days per week operational activities at the Project site.

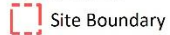
As previously stated, this air study is intended to evaluate the net change in potential impacts associated with Phase III of the 2003 Focused EIR (referred to herein as the 2003 EIR Phase III) to the currently proposed Project (2). The proposed Project involves a shift in land uses as compared to the 2003 EIR Phase III. For the purposes of this air study, the net change in emissions is considered the “Project”. As such, this AQIA provides emissions for both the proposed Project and the 2003 EIR Phase III conditions in order to provide an appropriate comparative analysis.

¹ At the time this study was prepared, the commercial square footage of Parcel 72 was assumed to consist of 15,485 sf. However, the actual square footage for Parcel 72 is 14,267 sf. For the purposes of this study, the 15,485 sf of commercial use results in a higher trip generation and consequently higher emissions (therefore more conservative) as opposed to evaluating the 14,267 sf of commercial use.

EXHIBIT 1-A: PRELIMINARY SITE PLAN



LEGEND:



Site Boundary



South Campus Specific Plan

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2 AIR QUALITY SETTING

This section provides an overview of the existing air quality conditions in the Project area and region.

2.1 SOUTH COAST AIR BASIN

The Project site is located in the South Coast Air Basin (SCAB) within the jurisdiction of SCAQMD (5). The SCAQMD was created by the 1977 Lewis-Presley Air Quality Management Act, which merged four county air pollution control bodies into one regional district. Under the Act, the SCAQMD is responsible for bringing air quality in areas under its jurisdiction into conformity with federal and state air quality standards. As previously stated, the Project site is located within the SCAB, a 6,745-square mile subregion of the SCAQMD, which includes portions of Los Angeles, Riverside, and San Bernardino Counties, and all of Orange County.

The SCAB is bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east, and the San Diego Air Basin (SDAB) to the south. It includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties.

2.2 REGIONAL CLIMATE

The regional climate has a substantial influence on air quality in the SCAB. In addition, the temperature, wind, humidity, precipitation, and amount of sunshine influence the air quality.

The annual average temperatures throughout the SCAB vary from the low to middle 60s degrees Fahrenheit (°F). Due to a decreased marine influence, the eastern portion of the SCAB shows greater variability in average annual minimum and maximum temperatures. January is the coldest month throughout the SCAB, with average minimum temperatures of 47°F in downtown Los Angeles and 36°F in San Bernardino. All portions of the SCAB have recorded maximum temperatures above 100°F.

Although the climate of the SCAB can be characterized as semi-arid, the air near the land surface is quite moist on most days because of the presence of a marine layer. This shallow layer of sea air is an important modifier of SCAB climate. Humidity restricts visibility in the SCAB, and the conversion of sulfur dioxide (SO₂) to sulfates (SO₄) is heightened in air with high relative humidity. The marine layer provides an environment for that conversion process, especially during the spring and summer months. The annual average relative humidity within the SCAB is 71 percent (%) along the coast and 59% inland. Since the ocean effect is dominant, periods of heavy early morning fog are frequent and low stratus clouds are a characteristic feature. These effects decrease with distance from the coast.

More than 90% of the SCAB's rainfall occurs from November through April. The annual average rainfall varies from approximately nine inches in Riverside to fourteen inches in downtown Los Angeles. Monthly and yearly rainfall totals are extremely variable. Summer rainfall usually

consists of widely scattered thunderstorms near the coast and slightly heavier shower activity in the eastern portion of the SCAB with frequency being higher near the coast.

Due to its generally clear weather, about three-quarters of available sunshine is received in the SCAB. The remaining one-quarter is absorbed by clouds. The ultraviolet portion of this abundant radiation is a key factor in photochemical reactions. On the shortest day of the year, there are approximately 10 hours of possible sunshine, and on the longest day of the year, there are approximately 14½ hours of possible sunshine.

The importance of wind to air pollution is considerable. The direction and speed of the wind determines the horizontal dispersion and transport of the air pollutants. During the late autumn to early spring rainy season, the SCAB is subjected to wind flows associated with the traveling storms moving through the region from the northwest. This period also brings five to ten periods of strong, dry offshore winds, locally termed “Santa Anas” each year. During the dry season, which coincides with the months of maximum photochemical smog concentrations, the wind flow is bimodal, typified by a daytime onshore sea breeze and a nighttime offshore drainage wind. Summer wind flows are created by the pressure differences between the relatively cold ocean and the unevenly heated and cooled land surfaces that modify the general northwesterly wind circulation over southern California. Nighttime drainage begins with the radiational cooling of the mountain slopes. Heavy, cool air descends the slopes and flows through the mountain passes and canyons as it follows the lowering terrain toward the ocean. Another characteristic wind regime in the SCAB is the “Catalina Eddy,” a low level cyclonic (counterclockwise) flow centered over Santa Catalina Island which results in an offshore flow to the southwest. On most spring and summer days, some indication of an eddy is apparent in coastal sections.

In the SCAB, there are two distinct temperature inversion structures that control vertical mixing of air pollution. During the summer, warm high-pressure descending (subsiding) air is undercut by a shallow layer of cool marine air. The boundary between these two layers of air is a persistent marine subsidence/inversion. This boundary prevents vertical mixing which effectively acts as an impervious lid to pollutants over the entire SCAB. The mixing height for the inversion structure is normally situated 1,000 to 1,500 feet above mean sea level.

A second inversion-type forms in conjunction with the drainage of cool air off the surrounding mountains at night followed by the seaward drift of this pool of cool air. The top of this layer forms a sharp boundary with the warmer air aloft and creates nocturnal radiation inversions. These inversions occur primarily in the winter, when nights are longer and onshore flow is weakest. They are typically only a few hundred feet above mean sea level. These inversions effectively trap pollutants, such as nitrogen oxides (NO_x) and carbon monoxide (CO) from vehicles, as the pool of cool air drifts seaward. Winter is therefore a period of high levels of primary pollutants along the coastline.

2.3 WIND PATTERNS AND PROJECT LOCATION

The distinctive climate of the Project area and the SCAB is determined by its terrain and geographical location. The SCAB is located in a coastal plain with connecting broad valleys and

low hills, bounded by the Pacific Ocean in the southwest quadrant with high mountains forming the remainder of the perimeter.

Wind patterns across the south coastal region are characterized by westerly and southwesterly onshore winds during the day and easterly or northeasterly breezes at night. Winds are characteristically light although the speed is somewhat greater during the dry summer months than during the rainy winter season.

2.4 CRITERIA POLLUTANTS

Criteria pollutants are pollutants that are regulated through the development of human health based and/or environmentally based criteria for setting permissible levels. Criteria pollutants, their typical sources, and health effects are identified below (6):

TABLE 2-1: CRITERIA POLLUTANTS

Criteria Pollutant	Description	Sources	Health Effects
CO	CO is a colorless, odorless gas produced by the incomplete combustion of carbon-containing fuels, such as gasoline or wood. CO concentrations tend to be the highest during the winter morning, when little to no wind and surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion engines, unlike ozone (O ₃), motor vehicles operating at slow speeds are the primary source of CO in the SCAB. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections.	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment and residential heating.	Individuals with a deficient blood supply to the heart are the most susceptible to the adverse effects of CO exposure. The effects observed include earlier onset of chest pain with exercise, and electrocardiograph changes indicative of decreased oxygen (O ₂) supply to the heart. Inhaled CO has no direct toxic effect on the lungs but exerts its effect on tissues by interfering with O ₂ transport and competing with O ₂ to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for O ₂ supply can be adversely affected by exposure to CO. Individuals most at risk include fetuses, patients with diseases involving heart and blood vessels, and patients with chronic hypoxemia (O ₂ deficiency) as seen at high altitudes.

Criteria Pollutant	Description	Sources	Health Effects
SO ₂	SO ₂ is a colorless, extremely irritating gas or liquid. It enters the atmosphere as a pollutant mainly as a result of burning high sulfur-content fuel oils and coal and from chemical processes occurring at chemical plants and refineries. When SO ₂ oxidizes in the atmosphere, it forms SO ₄ . Collectively, these pollutants are referred to as sulfur oxides (SO _x).	Coal or oil burning power plants and industries, refineries, diesel engines	<p>A few minutes of exposure to low levels of SO₂ can result in airway constriction in some asthmatics, all of whom are sensitive to its effects. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties, are observed after acute exposure to SO₂. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO₂.</p> <p>Animal studies suggest that despite SO₂ being a respiratory irritant, it does not cause substantial lung injury at ambient concentrations. However, very high levels of exposure can cause lung edema (fluid accumulation), lung tissue damage, and sloughing off of cells lining the respiratory tract.</p> <p>Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient SO₂ levels. In these studies, efforts to separate the effects of SO₂ from those of fine particles have not been successful. It is not clear whether the two pollutants act synergistically, or one pollutant alone is the predominant factor.</p>

Criteria Pollutant	Description	Sources	Health Effects
NO _x	<p>NO_x consist of nitric oxide (NO), nitrogen dioxide (NO₂) and nitrous oxide (N₂O) and are formed when nitrogen (N₂) combines with O₂. Their lifespan in the atmosphere ranges from one to seven days for nitric oxide and nitrogen dioxide, to 170 years for nitrous oxide. NO_x is typically created during combustion processes and are major contributors to smog formation and acid deposition. NO₂ is a criteria air pollutant and may result in numerous adverse health effects; it absorbs blue light, resulting in a brownish-red cast to the atmosphere and reduced visibility. Of the seven types of nitrogen oxide compounds, NO₂ is the most abundant in the atmosphere. As ambient concentrations of NO₂ are related to traffic density, commuters in heavy traffic may be exposed to higher concentrations of NO₂ than those indicated by regional monitoring station.</p>	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment and residential heating.	<p>Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is associated with long-term exposure to NO₂ at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO₂ in healthy subjects. Larger decreases in lung functions are observed in individuals with asthma or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups.</p> <p>In animals, exposure to levels of NO₂ considerably higher than ambient concentrations result in increased susceptibility to infections, possibly due to the observed changes in cells involved in maintaining immune functions. The severity of lung tissue damage associated with high levels of O₃ exposure increases when animals are exposed to a combination of O₃ and NO₂.</p>
O ₃	<p>O₃ is a highly reactive and unstable gas that is formed when VOCs and NO_x, both byproducts of internal combustion engine exhaust, undergo slow photochemical reactions in the presence of sunlight. O₃ concentrations are generally highest during the summer</p>	Formed when reactive organic gases (ROG) and NO _x react in the presence of sunlight. ROG sources include any source	<p>Individuals exercising outdoors, children, and people with preexisting lung disease, such as asthma and chronic pulmonary lung disease, are considered to be the most susceptible sub-groups for O₃ effects. Short-term exposure (lasting for a</p>

Criteria Pollutant	Description	Sources	Health Effects
	months when direct sunlight, light wind, and warm temperature conditions are favorable to the formation of this pollutant.	that burns fuels, (e.g., gasoline, natural gas, wood, oil) solvents, petroleum processing and storage and pesticides.	<p>few hours) to O₃ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes. Elevated O₃ levels are associated with increased school absences. In recent years, a correlation between elevated ambient O₃ levels and increases in daily hospital admission rates, as well as mortality, has also been reported. An increased risk for asthma has been found in children who participate in multiple outdoor sports and live in communities with high O₃ levels.</p> <p>O₃ exposure under exercising conditions is known to increase the severity of the responses described above. Animal studies suggest that exposure to a combination of pollutants that includes O₃ may be more toxic than exposure to O₃ alone. Although lung volume and resistance changes observed after a single exposure diminish with repeated exposures, biochemical and cellular changes appear to persist, which can lead to subsequent lung structural changes.</p>
Particulate Matter	PM ₁₀ : A major air pollutant consisting of tiny solid or liquid particles of soot, dust, smoke, fumes, and aerosols. Particulate matter pollution is a major cause of reduce visibility (haze) which is caused by the scattering of light	Sources of PM ₁₀ include road dust, windblown dust and construction. Also formed from other pollutants (acid rain, NO _x , SO _x ,	A consistent correlation between elevated ambient fine particulate matter (PM ₁₀ and PM _{2.5}) levels and an increase in mortality rates, respiratory infections, number and severity of

Criteria Pollutant	Description	Sources	Health Effects
	<p>and consequently the significant reduction air clarity. The size of the particles (10 microns or smaller, about 0.0004 inches or less) allows them to easily enter the lungs where they may be deposited, resulting in adverse health effects. Additionally, it should be noted that PM₁₀ is considered a criteria air pollutant.</p> <p>PM_{2.5}: A similar air pollutant to PM₁₀ consisting of tiny solid or liquid particles which are 2.5 microns or smaller (which is often referred to as fine particles). These particles are formed in the atmosphere from primary gaseous emissions that include SO₄ formed from SO₂ release from power plants and industrial facilities and nitrates that are formed from NO_x release from power plants, automobiles, and other types of combustion sources. The chemical composition of fine particles highly depends on location, time of year, and weather conditions. PM_{2.5} is a criteria air pollutant.</p>	<p>organics). Incomplete combustion of any fuel.</p> <p>PM_{2.5} comes from fuel combustion in motor vehicles, equipment, and industrial sources, residential and agricultural burning. Also formed from reaction of other pollutants (acid rain, NO_x, SO_x, organics).</p>	<p>asthma attacks and the number of hospital admissions has been observed in different parts of the United States and various areas around the world. In recent years, some studies have reported an association between long-term exposure to air pollution dominated by fine particles and increased mortality, reduction in lifespan, and an increased mortality from lung cancer.</p> <p>Daily fluctuations in PM_{2.5} concentration levels have also been related to hospital admissions for acute respiratory conditions in children, to school and kindergarten absences, to a decrease in respiratory lung volumes in normal children, and to increased medication use in children and adults with asthma. Recent studies show lung function growth in children is reduced with long term exposure to particulate matter.</p> <p>The elderly, people with pre-existing respiratory or cardiovascular disease, and children appear to be more susceptible to the effects of high levels of PM₁₀ and PM_{2.5}.</p>
VOC	<p>VOCs are hydrocarbon compounds (any compound containing various combinations of hydrogen and carbon atoms) that exist in the ambient air. VOCs contribute to the formation of smog through atmospheric photochemical reactions and/or may be toxic. Compounds of carbon (also known as organic compounds) have different levels of reactivity; that is, they do not react at the same speed or do not</p>	<p>Organic chemicals are widely used as ingredients in household products. Paints, varnishes, and wax all contain organic solvents, as do many cleaning, disinfecting, cosmetic, degreasing and hobby products.</p>	<p>Breathing VOCs can irritate the eyes, nose, and throat, can cause difficulty breathing and nausea, and can damage the central nervous system as well as other organs. Some VOCs can cause cancer. Not all VOCs have all these health effects, though many have several.</p>

Criteria Pollutant	Description	Sources	Health Effects
	form O ₃ to the same extent when exposed to photochemical processes. VOCs often have an odor, and some examples include gasoline, alcohol, and the solvents used in paints. Exceptions to the VOC designation include CO, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate. VOCs are a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant. The terms VOC and ROG (see below) interchangeably.	Fuels are made up of organic chemicals. All of these products can release organic compounds while you are using them, and, to some degree, when they are stored.	
ROG	Similar to VOC, ROG are also precursors in forming O ₃ and consist of compounds containing methane, ethane, propane, butane, and longer chain hydrocarbons, which are typically the result of some type of combustion/decomposition process. Smog is formed when ROG and NO _x react in the presence of sunlight. ROG are a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant. The terms ROG and VOC (see previous) interchangeably.	Sources similar to VOCs.	Health effects similar to VOCs.
Lead (Pb)	Pb is a heavy metal that is highly persistent in the environment and is considered a criteria pollutant. In the past, the primary source of Pb in the air was emissions from vehicles burning leaded gasoline. The major sources of Pb emissions are ore and metals processing, particularly Pb smelters, and piston-engine aircraft operating on leaded aviation gasoline. Other stationary sources include waste incinerators, utilities, and lead-acid battery manufacturers. It should be noted that the Project does not include	Metal smelters, resource recovery, leaded gasoline, deterioration of Pb paint.	Fetuses, infants, and children are more sensitive than others to the adverse effects of Pb exposure. Exposure to low levels of Pb can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. In adults, increased Pb levels are associated with increased blood pressure.

Criteria Pollutant	Description	Sources	Health Effects
	operational activities such as metal processing or Pb acid battery manufacturing. As such, the Project is not anticipated to generate a quantifiable amount of Pb emissions.		Pb poisoning can cause anemia, lethargy, seizures, and death; although it appears that there are no direct effects of Pb on the respiratory system. Pb can be stored in the bone from early age environmental exposure, and elevated blood Pb levels can occur due to breakdown of bone tissue during pregnancy, hyperthyroidism (increased secretion of hormones from the thyroid gland) and osteoporosis (breakdown of bony tissue). Fetuses and breast-fed babies can be exposed to higher levels of Pb because of previous environmental Pb exposure of their mothers.
Odor	Odor means the perception experienced by a person when one or more chemical substances in the air come into contact with the human olfactory nerves (7).	Odors can come from many sources including animals, human activities, industry, natures, and vehicles.	Offensive odors can potentially affect human health in several ways. First, odorant compounds can irritate the eye, nose, and throat, which can reduce respiratory volume. Second, studies have shown that the VOCs that cause odors can stimulate sensory nerves to cause neurochemical changes that might influence health, for instance, by compromising the immune system. Finally, unpleasant odors can trigger memories or attitudes linked to unpleasant odors, causing cognitive and emotional effects such as stress.

2.5 EXISTING AIR QUALITY

Existing air quality is measured at established SCAQMD air quality monitoring stations. Monitored air quality is evaluated in the context of ambient air quality standards. These standards are the levels of air quality that are considered safe, with an adequate margin of safety, to protect the public health and welfare. National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) currently in effect are shown in Table 2-2 (8).

The determination of whether a region's air quality is healthful or unhealthful is determined by comparing contaminant levels in ambient air samples to the state and federal standards. At the time of this AQIA, the most recent state and federal standards were updated by CARB on May ,4 2016 and are presented in Table 2-2. The air quality in a region is considered to be in attainment by the state if the measured ambient air pollutant levels for O₃, CO (except 8-hour Lake Tahoe), SO₂ (1 and 24 hour), NO₂, PM₁₀, and PM_{2.5} are not to be exceeded. All others are not to be equaled or exceeded. It should be noted that the three-year period is presented for informational purposes and is not the basis for how the State assigns attainment status. Attainment status for a pollutant means that the SCAQMD meets the standards set by the EPA or the California EPA (CalEPA). Conversely, nonattainment means that an area has monitored air quality that does not meet the NAAQS or CAAQS standards. In order to improve air quality in nonattainment areas, a State Implementation Plan (SIP) is drafted by CARB. The SIP outlines the measures that the state will take to improve air quality. Once nonattainment areas meet the standards and additional redesignation requirements, the EPA will designate the area as a maintenance area (9).

TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (1 OF 2)

Ambient Air Quality Standards						
Pollutant	Averaging Time	California Standards ¹		National Standards ²		
		Concentration ³	Method ⁴	Primary ^{3,5}	Secondary ^{3,6}	Method ⁷
Ozone (O ₃) ⁸	1 Hour	0.09 ppm (180 µg/m ³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m ³)		0.070 ppm (137 µg/m ³)		
Respirable Particulate Matter (PM10) ⁹	24 Hour	50 µg/m ³	Gravimetric or Beta Attenuation	150 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m ³		—		
Fine Particulate Matter (PM2.5) ⁹	24 Hour	—	—	35 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m ³	Gravimetric or Beta Attenuation	12.0 µg/m ³	15 µg/m ³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m ³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m ³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m ³)		9 ppm (10 mg/m ³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m ³)		—	—	
Nitrogen Dioxide (NO ₂) ¹⁰	1 Hour	0.18 ppm (339 µg/m ³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m ³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)		0.053 ppm (100 µg/m ³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ¹¹	1 Hour	0.25 ppm (655 µg/m ³)	Ultraviolet Fluorescence	75 ppb (196 µg/m ³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m ³)	
	24 Hour	0.04 ppm (105 µg/m ³)		0.14 ppm (for certain areas) ¹¹	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas) ¹¹	—	
Lead ^{12,13}	30 Day Average	1.5 µg/m ³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m ³ (for certain areas) ¹²	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m ³		
Visibility Reducing Particles ¹⁴	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m ³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m ³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹²	24 Hour	0.01 ppm (26 µg/m ³)	Gas Chromatography			

See footnotes on next page ...

See footnotes on next page ...

For more information please call ARB-PIO at (916) 322-2990

California Air Resources Board (5/4/16)

TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (2 OF 2)

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above $150 \mu\text{g}/\text{m}^3$ is equal to or less than one. For PM2.5, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM2.5 primary standard was lowered from $15 \mu\text{g}/\text{m}^3$ to $12.0 \mu\text{g}/\text{m}^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at $35 \mu\text{g}/\text{m}^3$, as was the annual secondary standard of $15 \mu\text{g}/\text{m}^3$. The existing 24-hour PM10 standards (primary and secondary) of $150 \mu\text{g}/\text{m}^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
11. On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard ($1.5 \mu\text{g}/\text{m}^3$ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

For more information please call ARB-PIO at (916) 322-2990

California Air Resources Board (5/4/16)

2.6 REGIONAL AIR QUALITY

Air pollution contributes to a wide variety of adverse health effects. The EPA has established NAAQS for six of the most common air pollutants: CO, Pb, O₃, particulate matter (PM₁₀ and PM_{2.5}), NO₂, and SO₂ which are known as criteria pollutants. The SCAQMD monitors levels of various criteria pollutants at 37 permanent monitoring stations and 5 single-pollutant source Pb air monitoring sites throughout the air district (10). On February 21, 2019, CARB posted the 2018 amendments to the state and national area designations. See Table 2-3 for attainment designations for the SCAB (11). Appendix 2.1 provides geographic representation of the state and federal attainment status for applicable criteria pollutants within the SCAB.

TABLE 2-3: ATTAINMENT STATUS OF CRITERIA POLLUTANTS IN THE SCAB

Criteria Pollutant	State Designation	Federal Designation
O ₃ – 1-hour standard	Nonattainment	--
O ₃ – 8-hour standard	Nonattainment	Nonattainment
PM ₁₀	Nonattainment	Attainment
PM _{2.5}	Nonattainment	Nonattainment
CO	Attainment	Unclassifiable/Attainment
NO ₂	Attainment	Unclassifiable/Attainment
SO ₂	Unclassifiable/Attainment	Unclassifiable/Attainment
Pb ²	Attainment	Unclassifiable/Attainment

Note: See Appendix 2.1 for a detailed map of State/National Area Designations within the SCAB

-- = The national 1-hour O₃ standard was revoked effective June 15, 2005.

2.7 LOCAL AIR QUALITY

The Project site is located within the Source Receptor Area (SRA) 23. Within SRA 23, the SCAQMD Metropolitan Riverside County 1 monitoring station is located 9.80 miles northwest of the Project site and is the nearest long-term air quality monitoring site for O₃, CO, NO₂, PM₁₀, and PM_{2.5}.

The most recent three (3) years of data available is shown on Table 2-4 and identifies the number of days ambient air quality standards were exceeded for the study area, which is considered to be representative of the local air quality at the Project site. Data for O₃, CO, NO₂, PM₁₀, and PM_{2.5} for 2017 through 2019 was obtained from the SCAQMD Air Quality Data Tables (12). Additionally, data for SO₂ has been omitted as attainment is regularly met in the SCAB and few monitoring stations measure SO₂ concentrations.

² The Federal nonattainment designation for lead is only applicable towards the Los Angeles County portion of the SCAB.

TABLE 2-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2017-2019

Pollutant	Standard	Year		
		2017	2018	2019
O ₃				
Maximum Federal 1-Hour Concentration (ppm)		0.145	0.123	0.123
Maximum Federal 8-Hour Concentration (ppm)		0.118	0.101	0.096
Number of Days Exceeding State 1-Hour Standard	> 0.09 ppm	47	22	24
Number of Days Exceeding State/Federal 8-Hour Standard	> 0.070 ppm	81	53	59
CO				
Maximum Federal 1-Hour Concentration	> 35 ppm	1.9	2.2	1.5
Maximum Federal 8-Hour Concentration	> 20 ppm	1.7	2.0	1.2
NO ₂				
Maximum Federal 1-Hour Concentration	> 0.100 ppm	0.063	0.055	0.056
Annual Federal Standard Design Value		0.015	0.014	0.0135
PM ₁₀				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 150 µg/m ³	138	126	99
Annual Federal Arithmetic Mean (µg/m ³)		41.6	44.0	34.4
Number of Days Exceeding Federal 24-Hour Standard	> 150 µg/m ³	0	0	0
Number of Days Exceeding State 24-Hour Standard	> 50 µg/m ³	103	132	21
PM _{2.5}				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 35 µg/m ³	50.3	50.7	46.7
Annual Federal Arithmetic Mean (µg/m ³)	> 12 µg/m ³	12.18	12.41	11.3
Number of Days Exceeding Federal 24-Hour Standard	> 35 µg/m ³	6	2	11

Source: Data for O₃, CO, NO₂, PM₁₀, and PM_{2.5} was obtained from SCAQMD Air Quality Data Tables.

2.8 REGIONAL AIR QUALITY IMPROVEMENT

The Project is within the jurisdiction of the SCAQMD. In 1976, California adopted the Lewis Air Quality Management Act which created SCAQMD from a voluntary association of air pollution control districts in Los Angeles, Orange, Riverside, and San Bernardino counties. The geographic area of which SCAQMD consists is known as the SCAB. SCAQMD develops comprehensive plans and regulatory programs for the region to attain federal standards by dates specified in federal law. The agency is also responsible for meeting state standards by the earliest date achievable, using reasonably available control measures.

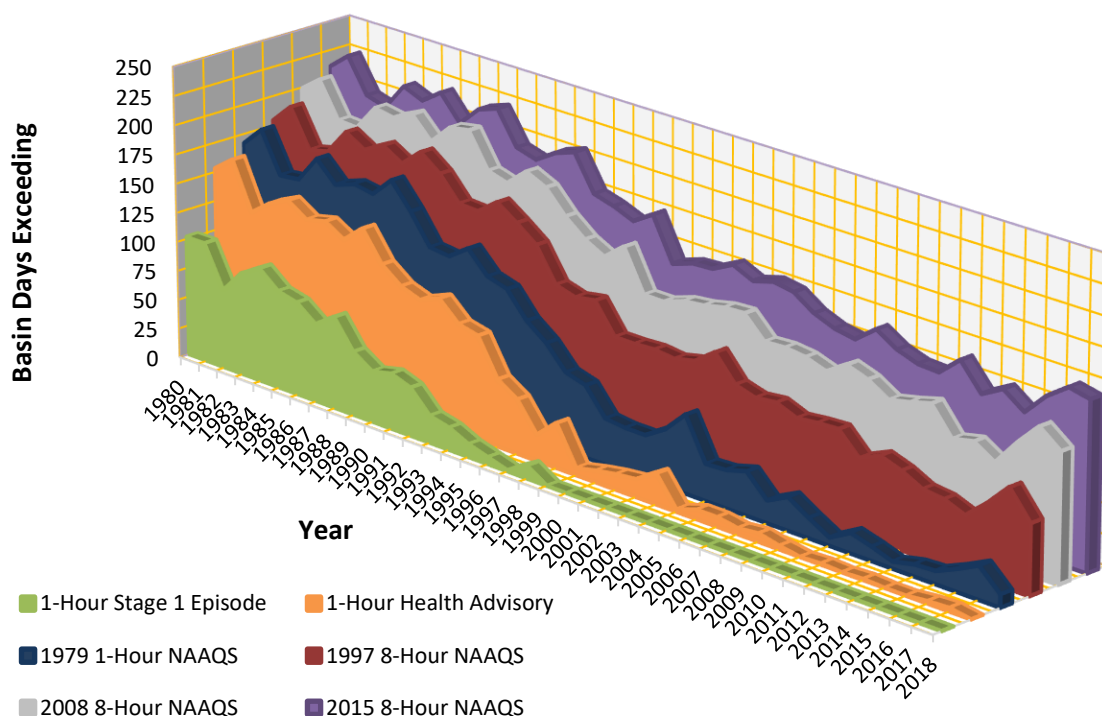
SCAQMD rule development through the 1970s and 1980s resulted in dramatic improvement in SCAB air quality. Nearly all control programs developed through the early 1990s relied on (i) the development and application of cleaner technology; (ii) add-on emission controls, and (iii) uniform CEQA review throughout the SCAB. Industrial emission sources have been

significantly reduced by this approach and vehicular emissions have been reduced by technologies implemented at the state level by CARB.

As discussed above, the SCAQMD is the lead agency charged with regulating air quality emission reductions for the entire SCAB. SCAQMD created AQMPs which represent a regional blueprint for achieving healthful air on behalf of the 16 million residents of the SCAB. The 2012 AQMP states, “the remarkable historical improvement in air quality since the 1970’s is the direct result of Southern California’s comprehensive, multiyear strategy of reducing air pollution from all sources as outlined in its AQMPs,” (13).

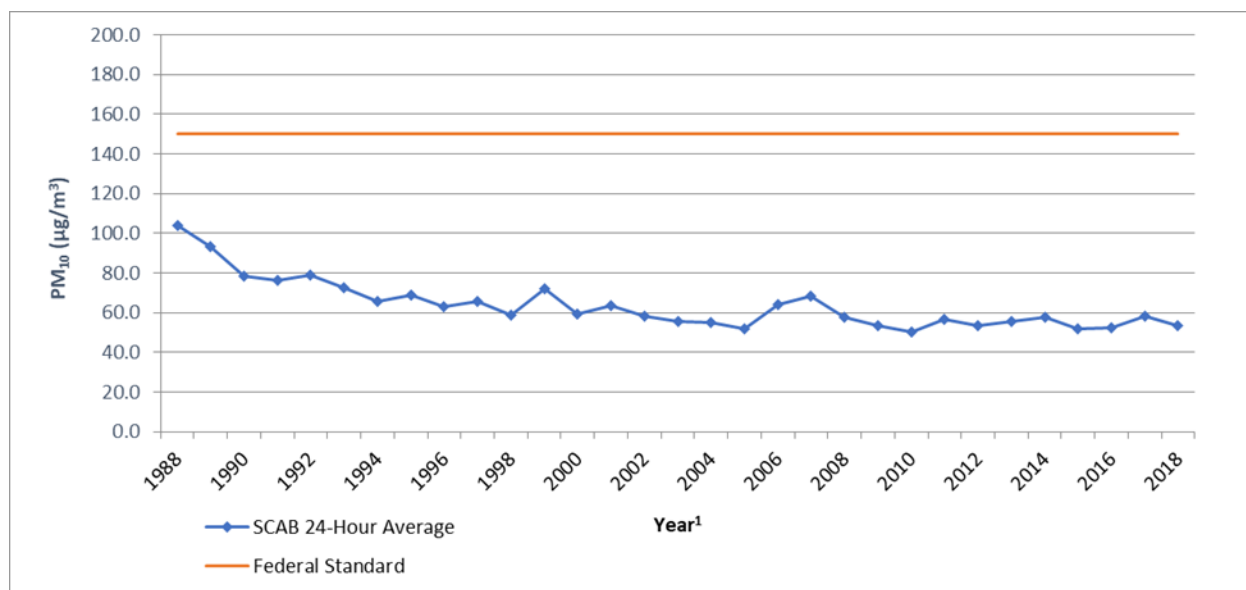
Emissions of O₃, NO_x, VOC, and CO have been decreasing in the SCAB since 1975 and are projected to continue to decrease through 2020 (14). These decreases result primarily from motor vehicle controls and reductions in evaporative emissions. Although VMT in the SCAB continue to increase, NO_x and VOC levels are decreasing because of the mandated controls on motor vehicles and the replacement of older polluting vehicles with lower-emitting vehicles. NO_x emissions from electric utilities have also decreased due to use of cleaner fuels and renewable energy. O₃ contour maps show that the number of days exceeding the 8-hour NAAQS has decreased between 1997 and 2007. In the 2007 period, there was an overall decrease in exceedance days compared with the 1997 period. However, as shown on Table 2-5, O₃ levels have increased in the past two years due to higher temperatures and stagnant weather conditions. Notwithstanding, O₃ levels in the SCAB have decreased substantially over the last 30 years with the current maximum measured concentrations being approximately one-third of concentrations within the late 70’s (15).

The overall trends of PM₁₀ and PM_{2.5} levels in the air (not emissions) show an overall improvement since 1975. Direct emissions of PM₁₀ have remained somewhat constant in the SCAB and direct emissions of PM_{2.5} have decreased slightly since 1975. Area wide sources (fugitive dust from roads, dust from construction and demolition, and other sources) contribute the greatest amount of direct particulate matter emissions.

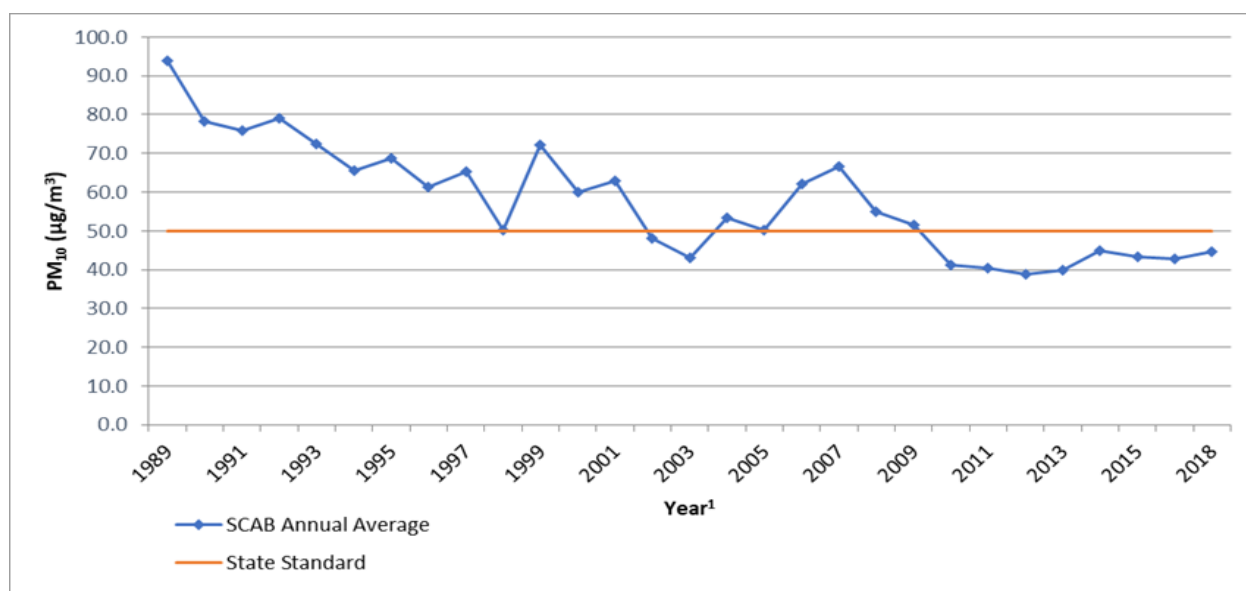
TABLE 2-5: SCAB O₃ TREND

Source: SCAQMD

As with other pollutants, the most recent PM₁₀ statistics show an overall improvement as illustrated in Tables 2-6 and 2-7. During the period for which data are available, the 24-hour national annual average concentration for PM₁₀ decreased by approximately 48%, from 103.7 microgram per cubic meter ($\mu\text{g}/\text{m}^3$) in 1988 to 53.5 $\mu\text{g}/\text{m}^3$ in 2018 (16). Although the values are below the federal standard, it should be noted that there are days within the year where the concentrations will exceed the threshold. The 24-hour state annual average for emissions for PM₁₀, have decreased by approximately 53% since 1988 (16). Although data in the late 1990's show some variability, this is probably due to the advances in meteorological science rather than a change in emissions. Similar to the ambient concentrations, the calculated number of days above the 24-hour PM₁₀ standards has also shown an overall drop.

TABLE 2-6: SCAB AVERAGE 24-HOUR CONCENTRATION PM₁₀ TREND (BASED ON FEDERAL STANDARD)¹

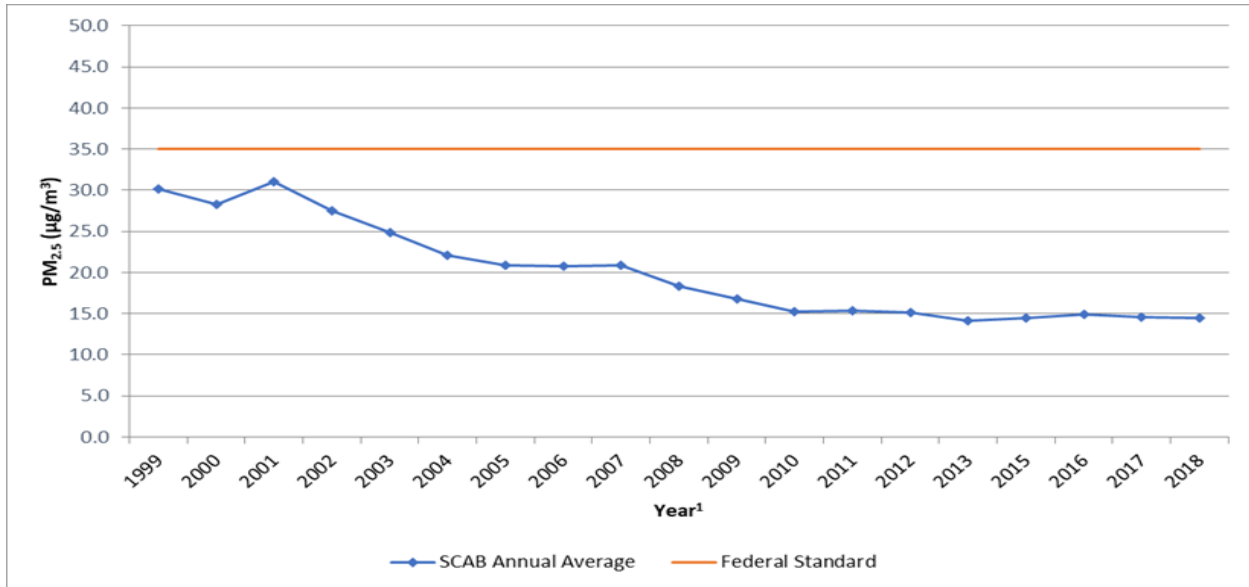
Source: CARB

¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.**TABLE 2-7: SCAB ANNUAL AVERAGE CONCENTRATION PM₁₀ TREND (BASED ON STATE STANDARD)¹**

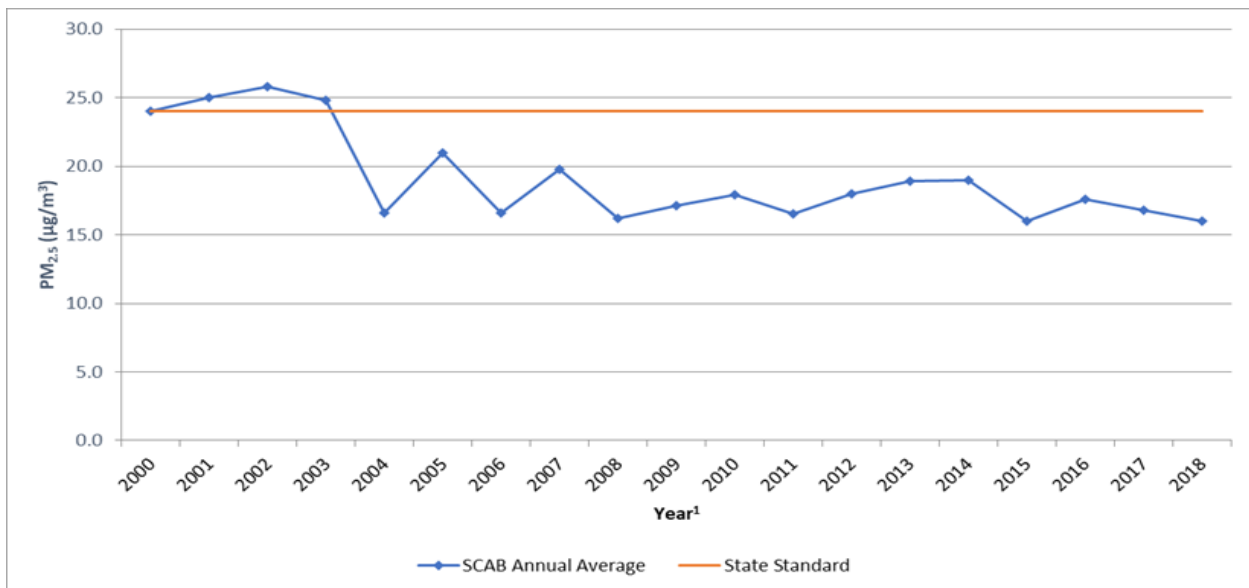
Source: CARB

¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

Tables 2-8 and 2-9 shows the most recent 24-hour average PM_{2.5} concentrations in the SCAB from 1999 through 2018. Overall, the national and state annual average concentrations have decreased by almost 52% and 33% respectively (16). It should be noted that the SCAB is currently designated as nonattainment for the state and federal PM_{2.5} standards.

TABLE 2-8: SCAB 24-HOUR AVERAGE CONCENTRATION PM_{2.5} TREND (BASED ON FEDERAL STANDARD)¹

Source: CARB

¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.**TABLE 2-9: SCAB ANNUAL AVERAGE CONCENTRATION PM_{2.5} TREND (BASED ON STATE STANDARD)¹**

Source: CARB

¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

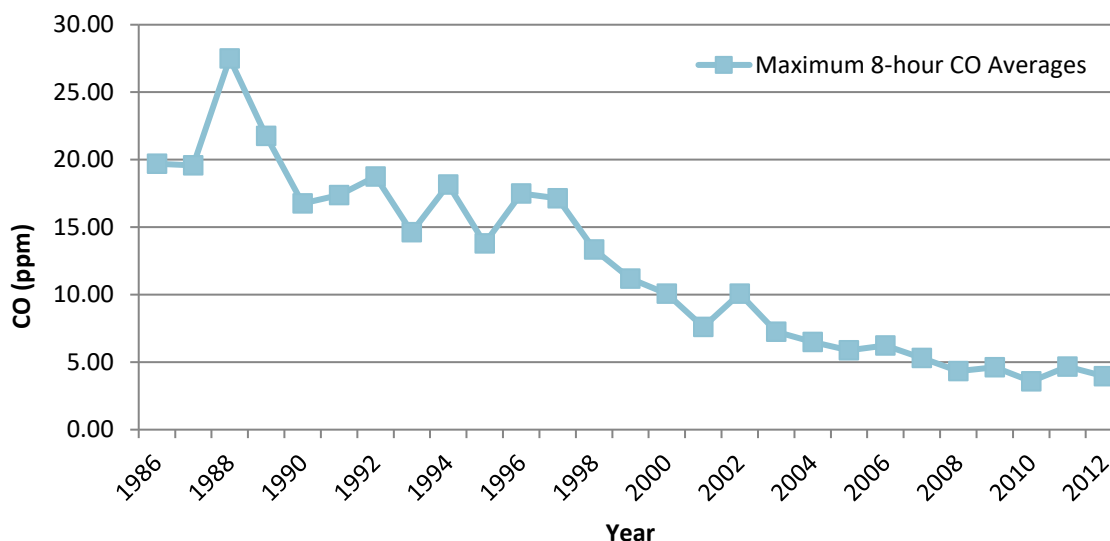
While the 2012 AQMP PM₁₀ attainment demonstration and the 2015 associated supplemental SIP submission indicated that attainment of the 24-hour standard was predicted to occur by the end of 2015, it could not anticipate the effect of the ongoing drought on the measured PM_{2.5}.

The 2006 to 2010 base period used for the 2012 attainment demonstration had near-normal rainfall. While the trend of PM_{2.5}-equivalent emission reductions continued through 2015, the severe drought conditions contributed to the PM_{2.5} increases observed after 2012. As a result of the disrupted progress toward attainment of the federal 24-hour PM_{2.5} standard, SCAQMD submitted a request and the EPA approved, in January 2016, a “bump up” to the nonattainment classification from “moderate” to “serious,” with a new attainment deadline as soon as practicable, but not beyond December 31, 2019.

In March 2017, the SCAQMD released the Final 2016 AQMP. The 2016 AQMP continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (17). Similar to the 2012 AQMP, the 2016 AQMP incorporates scientific and technological information and planning assumptions, including the 2016-2040 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) (referred to herein as *2016-2040 RTP/SCS*) and updated emission inventory methodologies for various source categories (18).

The most recent CO concentrations in the SCAB are shown in Table 2-10 (16). CO concentrations in the SCAB have decreased markedly — a total decrease of more about 80% in the peak 8-hour concentration since 1986. It should be noted 2012 is the most recent year where 8-hour CO averages and related statistics are available in the SCAB. The number of exceedance days has also declined. The entire SCAB is now designated as attainment for both the state and national CO standards. Ongoing reductions from motor vehicle control programs should continue the downward trend in ambient CO concentrations.

TABLE 2-10: SCAB 24-HOUR AVERAGE CONCENTRATION CO TREND¹



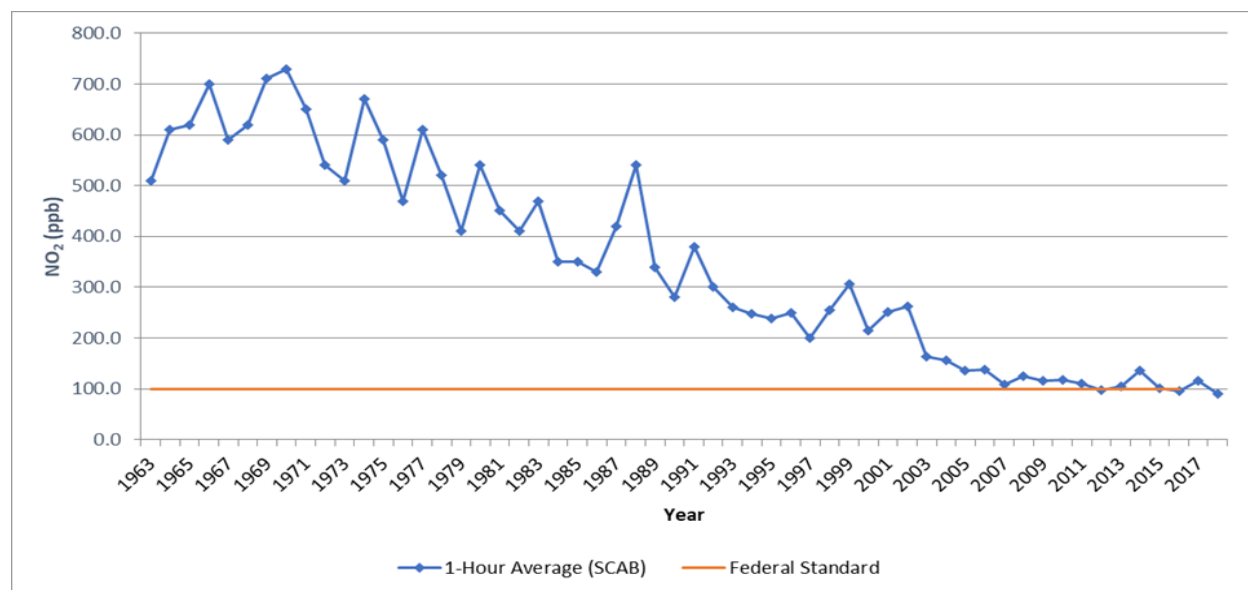
Source: CARB

¹ The most recent year where 8-hour concentration data is available is 2012.

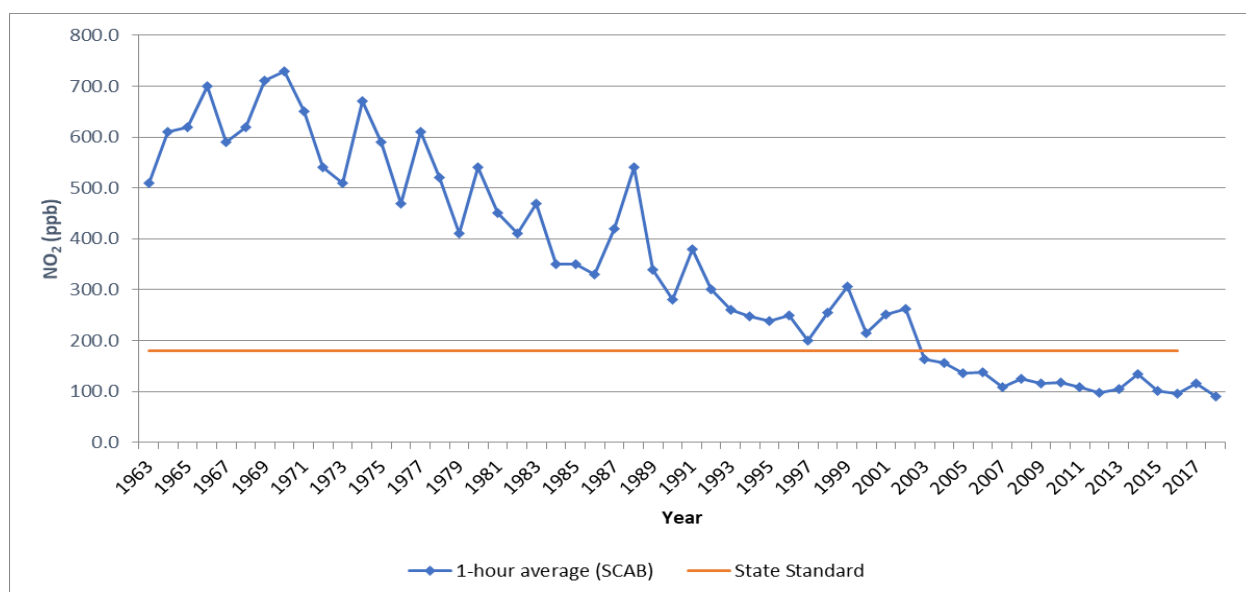
Part of the control process of the SCAQMD's duty to greatly improve the air quality in the SCAB is the uniform CEQA review procedures required by SCAQMD's CEQA Handbook (19). The single threshold of significance used to assess Project direct and cumulative impacts has in fact "worked" as evidenced by the track record of the air quality in the SCAB dramatically improving over the course of the past decades. As stated by the SCAQMD, the District's thresholds of significance are based on factual and scientific data and are therefore appropriate thresholds of significance to use for this Project.

The most recent NO₂ data for the SCAB is shown in Tables 2-11 and 2-12 (16). Over the last 50 years, NO₂ values have decreased significantly; the peak 1-hour national and state averages for 2018 is approximately 82% lower than what it was during 1963. The SCAB attained the State 1-hour NO₂ standard in 1994, bringing the entire state into attainment. A new state annual average standard of 0.030 ppm was adopted by the ARB in February 2007 (20). The new standard is just barely exceeded in the SCAQMD. NO₂ is formed from NO_x emissions, which also contribute to O₃. As a result, the majority of the future emission control measures will be implemented as part of the overall O₃ control strategy. Many of these control measures will target mobile sources, which account for more than three-quarters of California's NO_x emissions. These measures are expected to bring the SCAQMD into attainment of the state annual average standard.

TABLE 2-11: SCAB 1-HOUR AVERAGE CONCENTRATION NO₂ TREND (BASED ON FEDERAL STANDARD)



Source: CARB

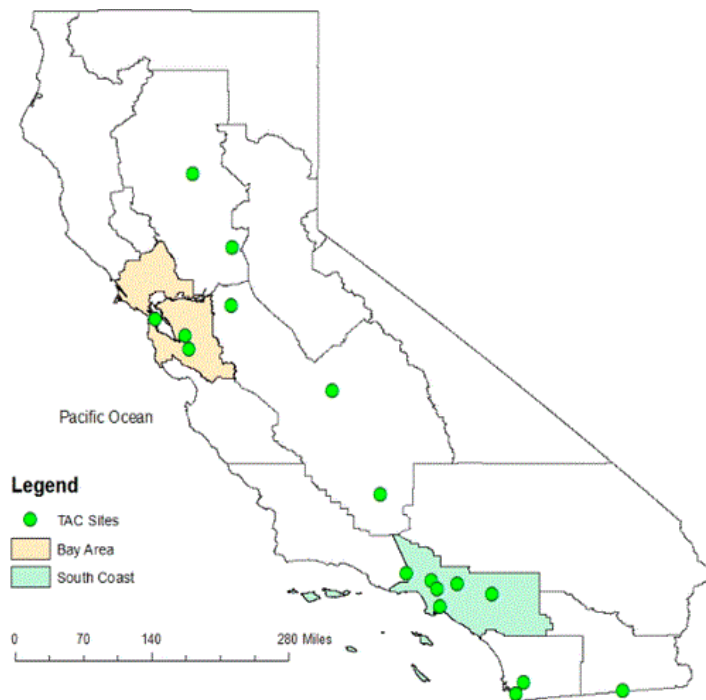
TABLE 2-12: SCAB 1-HOUR AVERAGE CONCENTRATION NO₂ TREND (BASED ON STATE STANDARD)

Source: CARB

TOXIC AIR CONTAMINANTS (TAC) TRENDS

In 1984, as a result of public concern for exposure to airborne carcinogens, CARB adopted regulations to reduce the amount of TAC emissions resulting from mobile and area sources, such as cars, trucks, stationary products, and consumer products. According to the *Ambient and Emission Trends of Toxic Air Contaminants in California* journal article (21) which was prepared for CARB, results show that between 1990-2012, ambient concentration and emission trends for the seven TACs responsible for most of the known cancer risk associated with airborne exposure in California have declined significantly (between 1990 and 2012). The seven TACs studied include those that are derived from mobile sources: diesel particulate matter (DPM), benzene (C₆H₆), and 1,3-butadiene (C₄H₆); those that are derived from stationary sources: perchloroethylene (C₂Cl₄) and hexavalent chromium (Cr(VI)); and those derived from photochemical reactions of emitted VOCs: formaldehyde (CH₂O) and acetaldehyde (C₂H₄O)³. TACs data was gathered at monitoring sites from both the Bay Area and SCAB, as shown on Exhibit 2-A; Several of the sites in the SCAB include Reseda, Compton, Rubidoux, Burbank, and Fontana. The decline in ambient concentration and emission trends of these TACs are a result of various regulations CARB has implemented to address cancer risk.

³ It should be noted that ambient DPM concentrations are not measured directly. Rather, a surrogate method using the coefficient of haze (COH) and elemental carbon (EC) is used to estimate DPM concentrations.

EXHIBIT 2-A: CALIFORNIA TAC SITES

Source: CARB

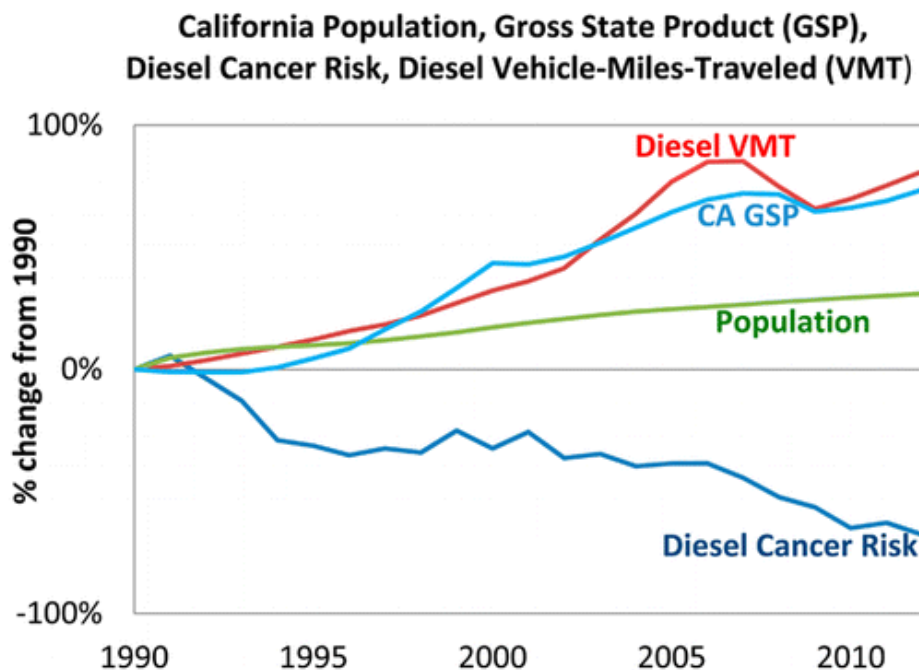
MOBILE SOURCE TACS

CARB introduced two programs that aimed at reducing mobile emissions for light and medium duty vehicles through vehicle emissions controls and cleaner fuel. In California, light-duty vehicles sold after 1996 are equipped with California's second-generation On-Board Diagnostic (OBD-II) system. The OBD-II system monitors virtually every component that can affect the emission performance of the vehicle to ensure that the vehicle remains as clean as possible over its entire life and assists repair technicians in diagnosing and fixing problems with the computerized engine controls. If a problem is detected, the OBD-II system illuminates a warning lamp on the vehicle instrument panel to alert the driver. This warning lamp typically contains the phrase "Check Engine" or "Service Engine Soon". The system will also store important information about the detected malfunction so that a repair technician can accurately find and fix the problem. CARB has recently developed similar OBD requirements for heavy-duty vehicles over 14,000 pounds (lbs). CARB's phase II Reformulated Gasoline Regulation (RFG-2), adopted in 1996, also led to a reduction of mobile source emissions. Through such regulations, benzene levels declined 88% from 1990-2012. 1,3-Butadiene concentrations also declined 85% from 1990-2012 as a result of the use of reformulated gasoline and motor vehicle regulations (21).

In 2000, CARB's Diesel Risk Reduction Plan (DRRP) recommended the replacement and retrofit of diesel-fueled engines and the use of ultra-low-sulfur (<15 ppm) diesel fuel. As a result of these measures, DPM concentrations have declined 68% since 2000, even though the state's population increased 31% and the amount of diesel vehicles miles traveled increased 81%, as

shown on Exhibit 2-B. With the implementation of these diesel-related control regulations, CARB expects a DPM decline of 71% for 2000-2020.

EXHIBIT 2-B: DPM AND DIESEL VEHICLE MILES TREND



Source: CARB

DIESEL REGULATIONS

CARB and the Ports of Los Angeles and Long Beach (POLA and POLB) have adopted several iterations of regulations for diesel trucks that are aimed at reducing DPM. More specifically, CARB Drayage Truck Regulation (22), CARB statewide On-road Truck and Bus Regulation (23), and the Ports of Los Angeles and Long Beach Clean Truck Program (CTP) require accelerated implementation of “clean trucks” into the statewide truck fleet (24). In other words, older more polluting trucks will be replaced with newer, cleaner trucks as a function of these regulatory requirements.

Moreover, the average statewide DPM emissions for Heavy Duty Trucks (HDT), in terms of grams of DPM generated per mile traveled, will dramatically be reduced due to the aforementioned regulatory requirements.

Diesel emissions identified in this analysis would therefore overstate future DPM emissions since not all the regulatory requirements are reflected in the modeling.

CANCER RISK TRENDS

Based on information available from CARB, overall cancer risk throughout the SCAB has had a declining trend since 1990. In 1998, following an exhaustive 10-year scientific assessment process, CARB identified particulate matter from diesel-fueled engines as a toxic air

contaminant. The SCAQMD initiated a comprehensive urban toxic air pollution study called the Multiple Air Toxics Exposure Study (MATES).

The most current study, MATES-IV, calculated cancer risks based on monitoring data collected at ten fixed sites within the SCAB. None of the fixed monitoring sites are within the local area of the Project site. However, MATES-IV has extrapolated the excess cancer risk levels throughout the SCAB by modeling the specific grids. MATES-IV modeling predicted an excess cancer risk of 578.89 in one million for the geographic grid containing the Project site. DPM is included in this cancer risk along with all other TAC sources. DPM accounts for 68% of the total risk shown in MATES-IV. Cumulative Project generated TACs are limited to DPM.

In January 2018, as part of the overall effort to reduce air toxics exposure in the SCAB, SCAQMD began conducting the MATES V Program. MATES V field measurements will be conducted over a one-year period at ten fixed sites (the same sites selected for MATES III and IV) to assess trends in air toxics levels. MATES V will also include measurements of ultrafine particles (UFP) and black carbon (BC) concentrations, which can be compared to the UFP levels measured in MATES IV (25). The final report for the MATES V study is currently unknown and no definitive date has been provided.

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3 REGULATORY BACKGROUND

3.1 FEDERAL REGULATIONS

The EPA is responsible for setting and enforcing the NAAQS for O₃, CO, NO_x, SO₂, PM₁₀, and Pb (26). The EPA has jurisdiction over emissions sources that are under the authority of the federal government including aircraft, locomotives, and emissions sources outside state waters (Outer Continental Shelf). The EPA also establishes emission standards for vehicles sold in states other than California. Automobiles sold in California must meet the stricter emission requirements of CARB.

The Federal Clean Air Act (CAA) was first enacted in 1955 and has been amended numerous times in subsequent years (1963, 1965, 1967, 1970, 1977, and 1990). The CAA establishes the federal air quality standards, the NAAQS, and specifies future dates for achieving compliance (27). The CAA also mandates that states submit and implement SIPs for local areas not meeting these standards. These plans must include pollution control measures that demonstrate how the standards will be met.

The 1990 amendments to the CAA that identify specific emission reduction goals for areas not meeting the NAAQS require a demonstration of reasonable further progress toward attainment and incorporate additional sanctions for failure to attain or to meet interim milestones. The sections of the CAA most directly applicable to the development of the Project site include Title I (Non-Attainment Provisions) and Title II (Mobile Source Provisions) (28) (29). Title I provisions were established with the goal of attaining the NAAQS for the following criteria pollutants O₃, NO₂, SO₂, PM₁₀, CO, PM_{2.5}, and Pb. The NAAQS were amended in July 1997 to include an additional standard for O₃ and to adopt a NAAQS for PM_{2.5}. Table 2-3 (previously presented) provides the NAAQS within the SCAB.

Mobile source emissions are regulated in accordance with Title II provisions. These provisions require the use of cleaner burning gasoline and other cleaner burning fuels such as methanol and natural gas. Automobile manufacturers are also required to reduce tailpipe emissions of hydrocarbons and NO_x. NO_x is a collective term that includes all forms of NO_x which are emitted as byproducts of the combustion process.

3.2 CALIFORNIA REGULATIONS

CARB

The CARB, which became part of the CalEPA in 1991, is responsible for ensuring implementation of the California Clean Air Act (AB 2595), responding to the federal CAA, and for regulating emissions from consumer products and motor vehicles. AB 2595 mandates achievement of the maximum degree of emissions reductions possible from vehicular and other mobile sources in order to attain the state ambient air quality standards by the earliest practical date. The CARB established the CAAQS for all pollutants for which the federal government has NAAQS and, in addition, establishes standards for SO₄, visibility, hydrogen sulfide (H₂S), and vinyl chloride (C₂H₃Cl). However, at this time, H₂S and C₂H₃Cl are not measured at any monitoring stations in

the SCAB because they are not considered to be a regional air quality problem. Generally, the CAAQS are more stringent than the NAAQS (30) (26).

Local air quality management districts, such as the SCAQMD, regulate air emissions from stationary sources such as commercial and industrial facilities. All air pollution control districts have been formally designated as attainment or non-attainment for each CAAQS.

Serious non-attainment areas are required to prepare Air Quality Management Plans (AQMP) that include specified emission reduction strategies in an effort to meet clean air goals. These plans are required to include:

- Application of Best Available Retrofit Control Technology to existing sources;
- Developing control programs for area sources (e.g., architectural coatings and solvents) and indirect sources (e.g. motor vehicle use generated by residential and commercial development);
- A District permitting system designed to allow no net increase in emissions from any new or modified permitted sources of emissions;
- Implementing reasonably available transportation control measures and assuring a substantial reduction in growth rate of vehicle trips and miles traveled;
- Significant use of low emissions vehicles by fleet operators;
- Sufficient control strategies to achieve a 5% or more annual reduction in emissions or 15% or more in a period of three years for ROG_s, NO_x, CO and PM₁₀. However, air basins may use alternative emission reduction strategy that achieves a reduction of less than 5% per year under certain circumstances.

TITLE 24 ENERGY EFFICIENCY STANDARDS AND CALIFORNIA GREEN BUILDING STANDARDS

California Code of Regulations (CCR) Title 24 Part 6: The California Energy Code 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. CCR, Title 24, Part 11: California Green Building Standards Code (CALGreen) is a comprehensive and uniform regulatory code for all residential, commercial, and school buildings that went in effect on January 1, 2009, and is administered by the California Building Standards Commission.

CALGreen is updated on a regular basis, with the most recent approved update consisting of the 2019 California Green Building Code Standards that became effective January 1, 2020.

Local jurisdictions are permitted to adopt more stringent requirements, as state law provides methods for local enhancements. CALGreen recognizes that many jurisdictions have developed existing construction waste and demolition ordinances and defers to them as the ruling guidance provided they establish a minimum 65% diversion requirement.

The code also provides exemptions for areas not served by construction waste and demolition recycling infrastructure. The State Building Code provides the minimum standard that buildings must meet in order to be certified for occupancy, which is generally enforced by the local building official.

Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases greenhouse gas (GHG) emissions. The 2019 version of Title 24 was adopted by the California Energy Commission (CEC) and became effective on January 1, 2020.

The 2019 Title 24 standards will result in less energy use, thereby reducing air pollutant emissions associated with energy consumption in the SCAB and across the State of California. For example, the 2019 Title 24 standards will require solar photovoltaic systems for new homes, establish requirements for newly constructed healthcare facilities, encourage demand responsive technologies for residential buildings, and update indoor and outdoor lighting requirements for nonresidential buildings.

The CEC anticipates that single-family homes built with the 2019 standards will use approximately 7% less energy compared to the residential homes built under the 2016 standards. Additionally, after implementation of solar photovoltaic systems, homes built under the 2019 standards will use about 53% less energy than homes built under the 2016 standards. Nonresidential buildings (such as the Project) will use approximately 30% less energy due to lighting upgrade requirements (31).

Because the Project will be constructed after January 1, 2019, the 2019 CALGreen standards are applicable to the Project and require, among other items (32):

- Short-term bicycle parking. If the new project or an additional alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack (5.106.4.1.1).
- Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5% of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility (5.106.4.1.2).
- Designated parking for clean air vehicles. In new projects or additions to alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as shown in Table 5.106.5.2 (5.106.5.2).
- Electric vehicle charging stations. New construction shall facilitate the future installation of electric vehicle supply equipment. The compliance requires empty raceways for future conduit and documentation that the electrical system has adequate capacity for the future load. The number of spaces to be provided for is contained in Table 5.106. 5.3.3 (5.106.5.3).
- Outdoor light pollution reduction. Outdoor lighting systems shall be designed to meet the backlight, uplight and glare ratings per Table 5.106.8 (5.106.8)
- Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.405.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent (5.408.1).
- Excavated soil and land clearing debris. 100% of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed (5.408.3).

- Recycling by Occupants. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive (5.410.1).
- Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:
 - Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush (5.303.3.1)
 - Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush (5.303.3.2.1). The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush (5.303.3.2.2).
 - Showerheads. Single showerheads shall have a minimum flow rate of not more than 1.8 gallons per minute and 80 psi (5.303.3.3.1). When a shower is served by more than one showerhead, the combine flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi (5.303.3.3.2).
 - Faucets and fountains. Nonresidential lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi (5.303.3.4.1). Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute of 60 psi (5.303.3.4.2). Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute (5.303.3.4.3). Metering faucets shall not deliver more than 0.20 gallons per cycle (5.303.3.4.4). Metering faucets for wash fountains shall have a maximum flow rate not more than 0.20 gallons per cycle (5.303.3.4.5).
- Outdoor potable water use in landscaped areas. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent (5.304.1).
- Water meters. Separate submeters or metering devices shall be installed for new buildings or additions in excess of 50,000 sf or for excess consumption where any tenant within a new building or within an addition that is project to consume more than 1,000 gallons per day (5.303.1.1 and 5.303.1.2).
- Outdoor water use in rehabilitated landscape projects equal or greater than 2,500 sf. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 sf requiring a building or landscape permit (5.304.3).
- Commissioning. For new buildings 10,000 sf and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements (5.410.2).

AIR QUALITY MANAGEMENT PLANNING (AQMP)

Currently, the NAAQS and CAAQS are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMPs to meet the state and federal ambient air quality standards (33). AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy. A detailed discussion on the AQMP and Project consistency with the AQMP is provided in Section 5.8.

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4 SIGNIFICANCE THRESHOLDS

The criteria used to determine the significance of potential Project-related air quality impacts are taken from the *Initial Study Checklist in Appendix G of the State CEQA Guidelines* (14 CCR §§15000, et seq.). Based on these thresholds, a project would result in a significant impact related to air quality if it would (1):

- Conflict with or obstruct implementation of the applicable air quality plan.
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard.
- Expose sensitive receptors to substantial pollutant concentrations.
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

4.1 REGIONAL SIGNIFICANCE THRESHOLDS

The SCAQMD has also developed regional significance thresholds for other regulated pollutants, as summarized at Table 4-1 (34). The SCAQMD's *CEQA Air Quality Significance Thresholds* (April 2019) indicate that any projects in the SCAB with daily emissions that exceed any of the indicated thresholds should be considered as having an individually and cumulatively significant air quality impact.

TABLE 4-1: MAXIMUM DAILY REGIONAL EMISSIONS THRESHOLDS

Pollutant	Construction Regional Thresholds	Operational Regional Thresholds
NO _x	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM ₁₀	150 lbs/day	150 lbs/day
PM _{2.5}	55 lbs/day	55 lbs/day
SO _x	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Pb	3 lbs/day	3 lbs/day

lbs/day = Pounds Per Day

Source: Regional Thresholds presented in this table are based on the SCAQMD Air Quality Significance Thresholds, April 2019

4.2 LOCALIZED SIGNIFICANCE THRESHOLDS

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology (LST Methodology)* (35). The SCAQMD has established that impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the NAAQS and CAAQS. Collectively, these are referred to as Localized Significance Thresholds (LSTs).

The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4⁴. LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard at the nearest residence or sensitive receptor. The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses.

LSTs were developed in response to environmental justice and health concerns raised by the public regarding exposure of individuals to criteria pollutants in local communities. To address the issue of localized significance, the SCAQMD adopted LSTs that show whether a project would cause or contribute to localized air quality impacts and thereby cause or contribute to potential localized adverse health effects. The analysis makes use of methodology included in the *LST Methodology* (36).

4.2.1 APPLICABILITY OF LSTs FOR THE PROJECT

For this Project, the appropriate SRA for the LST analysis is the Metropolitan Riverside County 1 (SRA 23). LSTs apply to CO, NO_x, PM₁₀, and PM_{2.5}. The SCAQMD produced look-up tables for projects less than or equal to 5 acres in size.

In order to determine the appropriate methodology for determining localized impacts that could occur as a result of Project-related construction, the following process is undertaken:

- CalEEMod is utilized to determine the maximum daily on-site emissions that will occur during construction activity.
- The SCAQMD's *Fact Sheet for Applying CalEEMod to Localized Significance Thresholds* and CalEEMod User's Guide *Appendix A: Calculation Details for CalEEMod* is used to determine the maximum site acreage that is actively disturbed based on the construction equipment fleet and equipment hours as estimated in CalEEMod (37) (38).
- If the total acreage disturbed is less than or equal to five acres per day, then the SCAQMD's screening look-up tables are utilized to determine if a Project has the potential to result in a significant impact. The look-up tables establish a maximum daily emissions threshold in lbs/day that can be compared to CalEEMod outputs.
- If the total acreage disturbed is greater than five acres per day, then LST impacts are appropriately evaluated through dispersion modeling.
- The *LST Methodology* presents mass emission rates for each SRA, project sizes of 1, 2, and 5 acres, and nearest receptor distances of 25, 50, 100, 200, and 500 meters. For project sizes between the values given, or with receptors at distances between the given receptors, the methodology uses linear interpolation to determine the thresholds.

⁴ The purpose of SCAQMD's Environmental Justice program is to ensure that everyone has the right to equal protection from air pollution and fair access to the decision-making process that works to improve the quality of air within their communities. Further, the SCAQMD defines Environmental Justice as "...equitable environmental policymaking and enforcement to protect the health of all residents, regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location, from the health effects of air pollution."

4.2.1.1 MAXIMUM DAILY DISTURBED-ACREAGE

As a conservative measure, it is assumed that a maximum of 1 acres can be disturbed per day during the Village West Drive Extension construction activities and 10 acres per day during Meridian South Campus site preparation and grading activities.

4.2.1.2 SENSITIVE RECEPTORS

As previously stated, LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the most stringent applicable NAAQS and CAAQS at the nearest residence or sensitive receptor. Receptor locations are off-site locations where individuals may be exposed to emissions from Project activities.

RESIDENTIAL RECEPTORS

Some people are especially sensitive to air pollution and are given special consideration when evaluating air quality impacts from projects. These groups of people include children, the elderly, individuals with pre-existing respiratory or cardiovascular illness, and athletes and others who engage in frequent exercise. Structures that house these persons or places where they gather to exercise are defined as “sensitive receptors”. These structures typically include residences, hotels, hospitals, etc. as they are also known to be locations where an individual can remain for 24 hours. Consistent with the *LST Methodology*, the nearest land use where an individual could remain for 24 hours to the Project site (in this case the nearest residential land use) has been used to determine construction and operational air quality impacts for emissions of PM₁₀ and PM_{2.5}, since PM₁₀ and PM_{2.5} thresholds are based on a 24 hour averaging time.

NON-RESIDENTIAL RECEPTORS

As per the *LST Methodology*, commercial and industrial facilities are not included in the definition of sensitive receptor because employees and patrons do not typically remain onsite for a full 24 hours but are typically onsite for 8 hours or less. The *LST Methodology* explicitly states that “*LSTs based on shorter averaging periods, such as the NO₂ and CO LSTs, could also be applied to receptors such as industrial or commercial facilities since it is reasonable to assume that a worker at these sites could be present for periods of one to eight hours (35).*” For purposes of analysis, if an industrial/commercial use is located at a closer distance to the Project site than the nearest residential use, the nearest industrial/commercial use will be utilized to determine construction and operational LST air impacts for emissions of NO₂ and CO an individual could be present at these sites for periods of 1 to 8 hours.

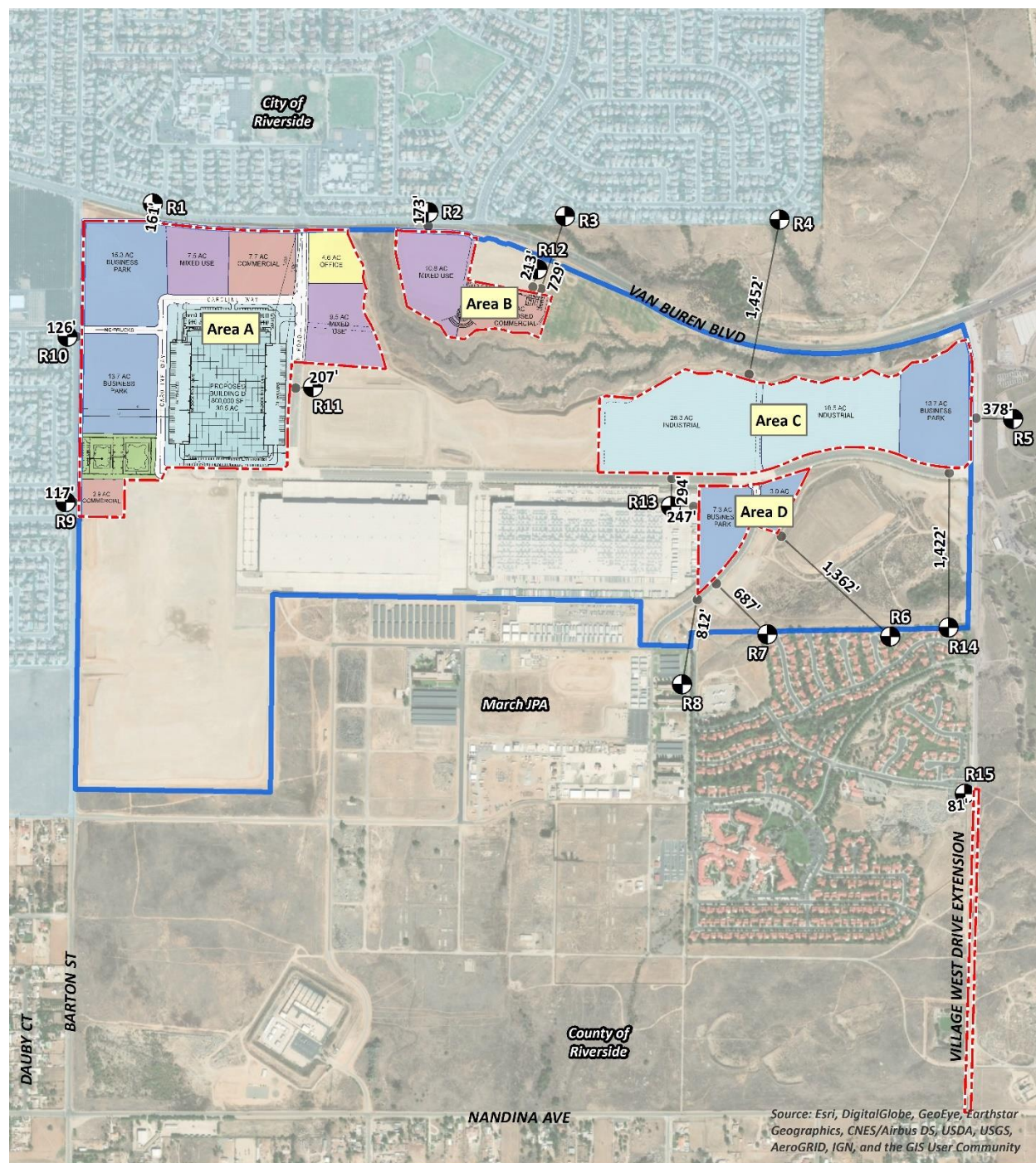
PROJECT-RELATED SENSITIVE RECEPTORS

Sensitive receptors in the Project study area are described below:

- R1: Location R1 represents the existing private outdoor living area (backyard) at 20137 Sedona Drive in the City of Riverside. This residence is approximately 161 feet north of the Project site.

- R2: Location R2 represents the existing private outdoor living area (backyard) at 20531 Red Poppy Lane in the City of Riverside. This residence is approximately 173 feet north of the Project site.
- R3: Location R3 represents the existing private outdoor living area (backyard) at 20675 Golden Rain Road in the City of Riverside. This residence is approximately 729 feet north of the Project site.
- R4: Location R4 represents the existing private outdoor living area (backyard) at 20893 Golden Rain Road in the City of Riverside. This residence is approximately 1,452 feet north of the Project site.
- R5: Location R5 represents Riverside National Cemetery on the east side of Village West Drive at about 385 feet from the Project site.
- R6: Location R6 represents the existing residence at the end of Charles Gabriel Circle, approximately 1,362 feet southeast of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receiver R6 is placed at the residential building façade.
- R7: Location R7 represents the existing residence at the end of Thomas White Drive, approximately 687 feet southeast of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receiver R7 is placed at the residential building façade.
- R8: Location R8 represents the Ben Clark Training Center at 16902 Bundy Avenue, approximately 812 feet south of the Project site. Since there are no private outdoor living areas (backyards) facing the Project site, receiver R8 is placed at the building façade.
- R9: Location R9 represents the existing private outdoor living area (backyard) at 19992 Krameria Avenue in the City of Riverside. This residence is approximately 117 feet west of the Project site.
- R10: Location R10 represents the existing private outdoor living area (backyard) at 9180 San Miguel Court in the City of Riverside. This residence is approximately 126 feet west of the Project site.
- R11: Location R11 represents an existing Warehouse (Building C) located approximately 207 feet east of the Project site. Location R11 has been placed at the existing building façade, and conservatively represents the location of where a worker could likely be located for a minimum 1-hour duration.
- R12: Location R12 represents the approved Commercial Parcel 72 located 213 feet north of the Project site where future workers could be located.
- R13: Location R13 represents the Amazon (Building A) warehouse located roughly 294 feet south of the Area C and 247 feet west of Area D. Location R13 has been placed at the existing building façade, and conservatively represents the location of where a worker could likely be located for a minimum 1-hour duration.
- R14: Location R14 represents the existing private outdoor living area (backyard) at the end of Westover Circle. This residence is approximately 1,422 feet south of the Project site.
- R15: Location R15 represents residents of the Westmont Village retirement living community. Location R15 is placed at the nearest building façade approximately 81 feet west of the construction activities associated with the Village West Drive Extension at the corner of Lemay Drive and Village West Drive in the City of Riverside.

EXHIBIT 4-A: SENSITIVE RECEPTOR LOCATIONS



LEGEND:



Site Boundary

South Campus Specific Plan

March JPA

City of Riverside

Riverside County

Receptor Locations

Distance from receptor to Project site boundary (in feet)

The SCAQMD recommends that the nearest sensitive receptor be considered when determining the Project's potential to result in localized air quality impacts. Due to the size of the Project, the Meridian South Campus site (not including the Village West Drive Extension area) has been divided into the four (4) areas described below:

TABLE 4-2: PROJECT AREAS USED FOR LST ANALYSIS

Area	Description	Land Uses	% of Total Project Site
A	The western-most portion of the Project Site; located at the southeast corner of Van Buren Boulevard and Barton Street.	15.3 AC Business Park	53.86%
		7.5 AC Mixed Use	
		7.7 AC Commercial	
		4.6 AC Office	
		9.5 AC Business Park	
		13.7 AC Business Park	
		36.5 AC Building D	
		6.2 AC Dog Park & Paseo	
		2.9 AC Commercial	
B	The portion of the Project Site; located south of Van Buren Boulevard and east of Area A.	10.8 AC Mixed Use	10.47%
		9.4 AC Proposed Commercial	
C	Located north of Bundy Avenue and Krameria Avenue.	26.3 AC Industrial	30.33%
		18.5 AC Industrial	
		13.7 AC Business Park	
D	The southern-most portion of the Project Site; located at the southeast corner of Bundy Avenue and Krameria Avenue.	7.3 AC Business Park	5.34%
		3.0 AC Business Park	

The nearest industrial/commercial receptors relative to each Project Area is identified in Table 4-3 and used to evaluate localized impacts of NO₂ and CO. Table 4-4 identifies the nearest receptors used to evaluate localized emission impacts of PM₁₀ and PM_{2.5}. Receptor distances relative to the Project site are identified by Project Area as indicated in Exhibit 4-A.

TABLE 4-3: NEAREST RECEPTOR LOCATIONS USED FOR LOCALIZED NO_x AND CO ANALYSIS

Area	Nearest Sensitive Receptor	Distance (feet)	Distance (meters)
A	R9	117	36
B	R2	173	53
C	R13	294	90
D	R13	247	75
Village West Drive Extension	R15	81	25

TABLE 4-4: NEAREST RECEPTOR LOCATIONS USED FOR LOCALIZED PM₁₀ AND PM_{2.5} ANALYSIS

Area	Nearest Sensitive Receptor	Distance (feet)	Distance (meters)
A	R9	117	36
B	R2	173	53
C	R4	1,452	443
D	R7	687	209
Village West Drive Extension	R15*	322	98

* Location R15 is at the nearest building façade of the Westmont Village leasing office, approximately 81 feet west of the construction activities associated with the Village West Drive Extension at the corner of Lemay Drive and Village West Drive in the City of Riverside. The nearest location where an individual can remain for a 24-hour period is represented by the residential home located northwest of the leasing office, 322 feet from the Village West Drive Extension.

4.2.2 LOCALIZED THRESHOLDS FOR CONSTRUCTION ACTIVITY

As previously stated, this analysis conservatively assumes that more than five acres will be disturbed per day. It should be noted that the *LST Methodology* provides look-up tables for sites with an area with daily disturbance of 5 acres or less. For projects that exceed 5 acres, the 5-acre LST look-up tables can be used as a screening tool to determine which pollutants require additional detailed analysis. This approach is conservative as it assumes that all on-site emissions associated with the project would occur within a concentrated 5-acre area. This screening method would therefore over-predict potential localized impacts, because by assuming that on-site construction activities are occurring over a smaller area, the resulting concentrations of air pollutants are more highly concentrated once they reach the smaller site boundary than they would be for activities if they were spread out over a larger surface area. On a larger site, the same amount of air pollutants generated would disperse over a larger surface area and would result in a lower concentration once emissions reach the project-site boundary. As such, LSTs for a 5-acre site during construction are used as a screening tool to determine if further detailed analysis is required. The thresholds used in for the construction-source LST analysis are presented below in Table 4-5.

TABLE 4-5: MAXIMUM DAILY LOCALIZED CONSTRUCTION EMISSIONS THRESHOLDS (1 OF 2)

Pollutant	Activity	Construction Localized Thresholds
Area A		
NO _x	Site Preparation	284 lbs/day
	Grading	
CO	Site Preparation	1,841 lbs/day
	Grading	
PM ₁₀	Site Preparation	25 lbs/day
	Grading	
PM _{2.5}	Site Preparation	9 lbs/day
	Grading	
Area B		
NO _x	Site Preparation	307 lbs/day
	Grading	
CO	Site Preparation	2,254 lbs/day
	Grading	
PM ₁₀	Site Preparation	41 lbs/day
	Grading	
PM _{2.5}	Site Preparation	10 lbs/day
	Grading	
Area C		
NO _x	Site Preparation	363 lbs/day
	Grading	
CO	Site Preparation	3,185 lbs/day
	Grading	
PM ₁₀	Site Preparation	186 lbs/day
	Grading	
PM _{2.5}	Site Preparation	91 lbs/day
	Grading	

TABLE 4-5: MAXIMUM DAILY LOCALIZED CONSTRUCTION EMISSIONS THRESHOLDS (2 OF 2)

Pollutant	Activity	Construction Localized Thresholds
Area D		
NO _x	Site Preparation	340 lbs/day
	Grading	
CO	Site Preparation	2,808 lbs/day
	Grading	
PM ₁₀	Site Preparation	99 lbs/day
	Grading	
PM _{2.5}	Site Preparation	33 lbs/day
	Grading	
Village West Drive Extension		
NO _x	Grubbing/Land Clearing	118 lbs/day
	Grading/Excavation	
	Drainage/Utilities/Subgrade	
CO	Grubbing/Land Clearing	602 lbs/day
	Grading/Excavation	
	Drainage/Utilities/Subgrade	
PM ₁₀	Grubbing/Land Clearing	29 lbs/day
	Grading/Excavation	
	Drainage/Utilities/Subgrade	
PM _{2.5}	Grubbing/Land Clearing	8 lbs/day
	Grading/Excavation	
	Drainage/Utilities/Subgrade	

Source: Localized Thresholds presented in this table are based on the SCAQMD LST Methodology, July 2008

4.2.3 LOCALIZED THRESHOLDS FOR OPERATIONAL ACTIVITY

The LST analysis is based on the proposed Project area which is inclusive of areas A, B, C, and D as previously shown in Exhibit 4-A. Based on information provided by the Project Applicant and consistent with the TIA, the proposed project area for the Meridian South Campus site is approximately 192.94-acres. Similar to the approach taken in determining the localized thresholds for construction activity, operational LSTs for a 5-acre site are used as a screening tool to determine if further detailed analysis is required.

TABLE 4-6: MAXIMUM DAILY LOCALIZED OPERATIONAL EMISSIONS THRESHOLDS

Pollutant	Operational Localized Thresholds
Area A	
NO _x	284 lbs/day
CO	1,841 lbs/day
PM ₁₀	7 lbs/day
PM _{2.5}	2 lbs/day
Area B	
NO _x	307 lbs/day
CO	2,254 lbs/day
PM ₁₀	10 lbs/day
PM _{2.5}	3 lbs/day
Area C	
NO _x	363 lbs/day
CO	3,185 lbs/day
PM ₁₀	45 lbs/day
PM _{2.5}	23 lbs/day
Area D	
NO _x	340 lbs/day
CO	2,808 lbs/day
PM ₁₀	24 lbs/day
PM _{2.5}	9 lbs/day
Village West Drive Extension	
NO _x	270 lbs/day
CO	1,577 lbs/day
PM ₁₀	14 lbs/day
PM _{2.5}	4 lbs/day

Source: Localized Thresholds presented in this table are based on the SCAQMD Final Localized Significance Threshold

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5 AIR QUALITY IMPACTS

5.1 INTRODUCTION

The Project has been evaluated to determine if it will violate an air quality standard, contribute to an existing or projected air quality violation, or determine if it will result in a cumulatively considerable net increase of a criteria pollutant for which the SCAB is non-attainment under an applicable NAAQS and CAAQS. Additionally, the Project has been evaluated to determine consistency with the applicable AQMP, exposure of sensitive receptors to substantial pollutant concentrations, and the impacts of odors. The proposed Project involves a shift in land uses as compared to the 2003 EIR Phase III. For the purposes of this air study, the net change in emissions is considered the “Project”. As such, this AQIA provides emissions for both the proposed Project and the 2003 EIR Phase III conditions in order to provide an appropriate comparative analysis. The significance of these potential impacts is described in the following section.

5.2 METHODOLOGY

5.2.1 CALFEEMOD

Land uses such as the Project affect air quality through construction-source and operational-source emissions.

On October 17, 2017, the SCAQMD in conjunction with the California Air Pollution Control Officers Association (CAPCOA) and other California air districts, released the latest version of the CalFEEMod Version 2016.3.2. The purpose of this model is to calculate construction-source and operational-source criteria pollutants (VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}) and GHG emissions from direct and indirect sources; and quantify applicable air quality and GHG reductions achieved from MMs (39). Accordingly, the latest version of CalFEEMod has been used for this Project to determine construction and operational air quality emissions. Output from the model runs for both construction and operational activity are provided in Appendices 5.1 through 5.9.

LAND USES MODELED IN CALFEEMOD

This Report analyzed the Project as consisting of 388,011 sf of office, 221,394 sf of commercial, 61,336 sf of grocery store, 1,764,180 sf of business park, 800,000 sf of high-cube warehouse, 700,000 sf of high-cube cold storage warehouse, 274,437 sf of warehousing, and a 6.2 acre dog park.

CalFEEMod land uses that most closely fit the described Project are reflected in these analyses. For purposes of analysis, the following construction and operation scenarios and land uses were modeled:

TABLE 5-1: PROPOSED PROJECT LAND USES

Land Use	Quantity	Size Metric	Acreage
Office	70.132	TSF	1.61
Office (75% of Mixed Use)	317.879	TSF	7.30
Office Subtotal	388.011	TSF	8.91
Commercial	115.434	TSF	2.65
Commercial (25% of Mixed Use)	105.960	TSF	2.43
Commercial Subtotal	221.394	TSF	5.08
Commercial (Grocery Store)	61.336	TSF	1.41
Commercial (Grocery Store) Subtotal	61.336	TSF	1.41
Office (30% of Business Park)	529.254	TSF	12.15
Office (30% of Business Park) Subtotal	529.254	TSF	12.15
Warehousing (70% of Business Park)	1,234.926	TSF	28.35
Warehousing (70% of Business Park) Subtotal	1,234.926	TSF	28.35
Warehousing	274.437	TSF	6.30
Warehousing Subtotal	274.437	TSF	6.30
High-Cube Cold Storage Warehouse	700.000	TSF	16.07
High-Cube Cold Storage Warehouse Subtotal	700.000	TSF	16.07
High-Cube Transload Short-Term Warehouse (Building D)	800.000	TSF	18.37
High-Cube Transload Short-Term Warehouse (Building D) Subtotal	800.000	TSF	18.37
Dog Park & Paseo	6.2	AC	6.2
Proposed Dog Park & Paseo	6.2	AC	6.2

TABLE 5-2: BUILT/ENTITLED LAND USES⁵

Land Use	Quantity	Size Metric	Acreage
LGB6 (Building A)	1,000.000	TSF	22.96
LGB6 (Building A) Subtotal	1,000.000	TSF	22.96
Parcel Delivery Site (Building B + Parking Lot)	1,000.000	TSF	22.96
Parcel Delivery Site (Building B + Parking Lot) Subtotal	1,000.000	TSF	22.96
Commercial (Parcel 72)	15.485	TSF	0.36
Commercial (Parcel 72) Subtotal	15.485	TSF	0.36
Warehousing (Building C)	500.000	TSF	11.48
Built/Entitled Land Uses (Not Occupied) Warehousing (Building C)	500.00	TSF	11.48

⁵ It should be noted that a Built and Occupied Land Use (LGB6 – Building A) has been identified in the TIA. The TIA does not distinguish and trips from this land use. In order to be consistent with the TIA, the analysis herein does not take credit for emissions from the Built and Occupied Land Use (LGB6 – Building A).

5.2.2 ROAD CONSTRUCTION EMISSIONS MODEL (RCEM)

Project specific sources resulting from Village West Drive Extension and associated water tank removal are estimated utilizing the most recent RCEM Version 9.0. RCEM was developed by the Sacramento Metropolitan Air Quality Management District as part of their *CEQA Guidelines* and Tools to analyze new road construction, road widening, bridge/overpass construction, and other linear projects. Although the CalEEMod is typically utilized for land use development projects in this region, the SCAQMD has identified the RCEM as an acceptable emissions modeling program when the use of CalEEMod is not appropriate, as is the case with projects such as this. Based on the nature of the project, emissions associated with the construction of the Village West Drive Extension are considered within the scope of this assessment⁶. Air quality outputs from the model runs are provided in Appendices 5.10 through 5.11.

5.2.3 EMISSION FACTORS MODEL (EMFAC)

On August 19, 2019, the EPA approved the 2017 version of the EMISSIONS FACTOR model (EMFAC) web database for use in SIP and transportation conformity analyses. EMFAC2017 is a mathematical model that was developed to calculate emission rates, fuel consumption, VMT from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by CARB to project changes in future emissions from on-road mobile sources (40). This AQIA utilizes summer, winter, and annual EMFAC2017 emission factors in order to derive vehicle emissions associated with Project operational activities, which vary by season.

Because the EMFAC2017 emission rates are associated with vehicle fuel types while CalEEMod vehicle emission factors are aggregated to include all fuel types for each individual vehicle class, the EMFAC2017 emission rates for different fuel types of a vehicle class are averaged by activity or by population and activity to derive CalEEMod emission factors. The equations applied to obtain CalEEMod vehicle emission factors for each emission type are detailed in CalEEMod User's Guide *Appendix A: Calculation Details for CalEEMod* (38).

5.3 REGIONAL CONSTRUCTION EMISSIONS

5.3.1 CONSTRUCTION ACTIVITIES

Construction activities associated with the Project will result in emissions of VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}. Construction related emissions are expected from the following construction activities:

5.3.1.1 MERIDIAN SOUTH CAMPUS DEVELOPMENT

- Site Preparation: involves clearing vegetation (grubbing and tree/stump removal) and removing stones and other unwanted material or debris prior to grading.
- Grading: involves cut and fill of land to ensure that the proper base and slope is created for the foundation.

⁶ The specific RCEM option for new road construction was utilized for analysis of this Project. Subsequent subphases and equipment list are part of the defaults in that model and were therefore used in the analysis.

- **Building Construction:** involves the construction of the foundation, structures, and buildings.
- **Paving:** involves the laying of concrete or asphalt such as in parking lots, roads, driveways, or sidewalks.
- **Architectural Coating:** involves the application of coatings to both the interior and exterior of buildings or structures, the painting of parking lot or parking garage striping, associated signage and cubes, and the painting of the walls or other components such as stair railings inside parking structures.

5.3.1.2 VILLAGE WEST DRIVE EXTENSION

- **Grubbing/Land Clearing:** involves clearing vegetation and removal of the water tank.
- **Grading/Excavation:** involves cut and fill of land to ensure that the proper base and slope is created for the foundation.
- **Drainage/Utilities/Subgrade:** involves the placement of drainage, utilities, or subgrade material prior to paving activities.
- **Paving:** involves the laying of concrete or asphalt such as in parking lots, roads, driveways, or sidewalks.

GRADING ACTIVITIES

Dust is typically a major concern during grading activities. Because such emissions are not amenable to collection and discharge through a controlled source, they are called “fugitive emissions”. Fugitive dust emissions rates vary as a function of many parameters (soil silt, soil moisture, wind speed, area disturbed, number of vehicles, depth of disturbance or excavation, etc.). CalEEMod was utilized to calculate fugitive dust emissions resulting from this phase of activity. Based on information provided by the Project Applicant, earthwork activities are expected to balance on site and no import or export of soils would be required.

CONSTRUCTION WORKER VEHICLE TRIPS

Construction emissions for construction worker vehicles traveling to and from the Project site, as well as vendor trips (construction materials delivered to the Project site) were estimated based on information from CalEEMod defaults.

5.3.2 CONSTRUCTION DURATION

Construction is expected to commence in January 2021 and will last through July 2024. As a conservative measure, it is assumed that the Village West Drive Extension will be constructed concurrent with the Meridian South Campus. The construction schedule utilized in the analysis, shown in Table 5-3, represents a “worst-case” analysis scenario should construction occur any time after the respective dates since emission factors for construction decrease as time passes and the analysis year increases due to emission regulations becoming more stringent.⁷ The duration of construction activity and associated equipment represents a reasonable

⁷ As shown in the CalEEMod User’s Guide Version 2016.3.2, Section 4.3 “OFFROAD Equipment” as the analysis year increases, emission factors for the same equipment pieces decrease due to the natural turnover of older equipment being replaced by newer less polluting equipment and new regulatory requirements.

approximation of the expected construction fleet as required per *CEQA Guidelines* (1). The duration of construction activity was based on the Project's 2024 opening year.

TABLE 5-3: CONSTRUCTION SCHEDULE

Activity	Start Date	End Date	Days
Village West Drive Extension			
Grubbing/Land Clearing	01/04/2021	01/13/2021	8
Grading/Excavation	01/14/2021	02/17/2021	25
Drainage/Utilities/Subgrade	02/18/2021	03/23/2021	24
Paving	03/24/2021	04/06/2021	10
Meridian South Campus			
Site Preparation	01/04/2021	04/16/2021	75
Grading	04/17/2021	09/03/2021	100
Building Construction	09/04/2021	07/19/2024	750
Paving	02/18/2024	07/19/2024	110
Architectural Coating	09/16/2023	07/19/2024	220

5.3.3 CONSTRUCTION EQUIPMENT

Site specific construction fleet may vary due to specific project needs at the time of construction. The associated construction equipment was generally based on CalEEMod defaults. A detailed summary of construction equipment assumptions by phase is provided at Table 5-4.

TABLE 5-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS (1 OF 2)

Activity	Equipment	Amount	Hours Per Day	Horsepower	Load Factor
Village West Drive Extension					
Grubbing/Land Clearing	Crawler Tractors	1	8	212	0.43
	Excavator	1	8	158	0.38
	Signal Boards	2	8	6	0.82
Grading/Excavation	Crushing/Proc. Equipment	1	8	85	0.78
	Forklifts	3	8	89	0.20
	Graders	1	8	187	0.41
	Rollers	2	8	80	0.38
	Rubber Tired Loaders	1	8	247	0.40
	Scrapers	2	8	367	0.48
	Signal Boards	2	8	6	0.82
	Tractors/Loaders/Backhoes	2	8	97	0.37

TABLE 5-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS (2 OF 2)

Activity	Equipment	Amount	Hours Per Day	Horsepower	Load Factor
Village West Drive Extension					
Drainage/Utilities/Sub grade	Air Compressors	1	8	78	0.48
	Generator Sets	1	8	84	0.74
	Graders	1	8	187	0.41
	Plate Compactors	1	8	8	0.43
	Pumps	1	8	84	0.74
	Rough Terrain Forklifts	1	8	100	0.40
	Scrapers	2	8	367	0.48
	Signal Boards	2	8	6	0.82
	Tractors/Loaders/Backhoes	2	8	97	0.37
Paving	Pavers	1	8	130	0.42
	Paving Equipment	1	8	132	0.36
	Rollers	3	8	80	0.38
	Signal Boards	2	8	6	0.82
	Tractors/Loaders/Backhoes	2	8	97	0.37
Meridian South Campus					
Site Preparation	Crawler Tractors	4	8	212	0.43
	Rubber Tired Dozers	3	8	247	0.40
Grading	Crawler Tractors	2	8	212	0.43
	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.40
	Scrapers	2	8	367	0.48
Building Construction	Cranes	1	8	231	0.29
	Crawler Tractors	3	8	212	0.43
	Forklifts	3	8	89	0.20
	Generator Sets	1	8	84	0.74
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	8	78	0.48

Source: In order to account for fugitive dust emissions associated with Meridian South Campus Site Preparation and Grading activities, Crawler Tractors were used in lieu of Tractors/Loaders/Backhoes.

It should be noted that the MIPA (Development Code, Chapter 9.10 Performance Standards, Section 9.10.030) has established limits to the hours of operation for construction activity. Construction is permitted to occur between the hours of 7:00 a.m. and 7:00 p.m. As such, construction activities are permitted to occur up to twelve (12) hours per day pursuant to the MIPA's ordinance. Under Section 9.10.140 of the March JPA Development Code, outdoor construction and grading activities, including the operation of any tools or equipment associated with construction, drilling, repair, alteration, grading/grubbing or demolition work within 500 feet of the property line of a residential use, is further prohibited between 5:00 p.m. and 8:00 a.m. on Saturdays or at any time on Sunday or a Federal Holiday. However, it should be noted that the identified construction equipment would not be used during every hour of the day. Consistent with industry standards and typical construction practices, each piece of equipment listed in Table 5-4 will operate up to a total of eight (8) hours per day, or approximately two-thirds of the period during which construction activities are allowed pursuant to the code. It should be noted that most pieces of equipment would likely operate for fewer hours per day.

5.5.4 ON-ROAD TRIPS

Construction generates on-road vehicle emissions from vehicle usage for workers, hauling, vendors, and water trucks commuting to and from the site. The number of worker, hauling, vendor, and water truck trips are presented below in Table 5-5.

TABLE 5-5: CONSTRUCTION TRIP ASSUMPTIONS

Activity	Worker Trips Per Day	Hauling Trips Per Day	Vendor Trips Per Day	Water Trucks Trips Per Day
Village West Drive Extension				
Grubbing/Land Clearing	10	0	0	5
Grading/Excavation	36	0	0	5
Drainage/Utilities/Subgrade	30	0	0	5
Paving	24	0	0	5
Meridian South Campus				
Site Preparation	18	0	0	0
Grading	20	0	0	0
Building Construction	1,706	0	690	0
Paving	15	0	0	0
Architectural Coating	682	0	0	0

5.3.5 CONSTRUCTION EMISSIONS SUMMARY

IMPACTS WITHOUT MITIGATION

The estimated maximum daily construction emissions without mitigation are summarized on Table 5-6. Detailed unmitigated construction model outputs are presented in Appendix 5.1.

Under the assumed scenarios, emissions resulting from the Project construction will exceed criteria pollutant thresholds established by the SCAQMD for VOCs and NO_x.

IMPACTS WITH MITIGATION

As previously stated, the Project will implement MM AQ-1 through MM AQ-3 which would reduce the severity of the VOC and NO_x impacts. As shown in Table 5-7, after implementation of MM AQ-1 through MM AQ-3, Project construction-source emissions of VOC and NO_x would not exceed applicable SCAQMD thresholds. Detailed mitigated construction model outputs are presented in Appendix 5.2.

TABLE 5-6: MAXIMUM DAILY CONSTRUCTION EMISSIONS – WITHOUT MITIGATION (1 OF 3)

Year	Activity	Source	Total Construction-Source Emissions (lbs/day)					
			VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Village West Drive Extension								
2021	Grubbing/Land Clearing	Construction Equipment	0.89	9.84	6.31	0.01	10.39	2.45
		Worker and Water Truck Trips	0.07	0.66	0.65	0.00	0.04	0.02
	Grubbing/Land Clearing Emissions Totals		0.96	10.50	6.96	0.01	10.43	2.47
	Grading/Excavation	Construction Equipment	4.76	52.98	38.51	0.08	12.21	4.12
		Worker and Water Truck Trips	0.17	0.79	2.08	0.01	0.09	0.04
	Grading/Excavation Emissions Totals		4.93	53.77	40.59	0.09	12.30	4.16
	Drainage/Utilities/Subgrade	Construction Equipment	3.99	42.12	33.25	0.07	11.81	3.79
		Worker and Water Truck Trips	0.14	0.76	1.75	0.00	0.08	0.04
	Drainage/Utilities/Subgrade Emissions Totals		4.13	42.88	35.00	0.07	11.89	3.83
	Paving	Construction Equipment/Paving Off-Gassing	1.50	14.82	16.21	0.02	0.83	0.76
		Worker and Water Truck Trips	0.12	0.73	1.42	0.00	0.07	0.03
	Paving Emissions Totals		1.62	15.55	17.63	0.02	0.90	0.79
Meridian South Campus								
2021	Site Preparation	Construction Equipment	5.34	60.79	21.85	0.06	13.83	6.75
		Worker and Vendor Trips	0.09	0.05	0.67	0.00	0.20	0.05
	Site Preparation Emissions Totals		5.43	60.84	22.52	0.06	14.03	6.81
	Grading	Construction Equipment	4.92	56.54	31.23	0.07	8.77	3.84
		Worker and Vendor Trips	0.09	0.06	0.74	0.00	0.22	0.06
	Grading Emissions Totals		5.01	56.60	31.97	0.07	9.00	3.90
	Building Construction	Construction Equipment	3.11	33.97	18.20	0.04	1.48	1.38
Worker and Vendor Trips		9.70	68.46	74.47	0.36	23.72	6.55	
	Building Construction Emissions Totals		12.81	102.43	92.66	0.40	25.20	7.93

TABLE 5-6: MAXIMUM DAILY CONSTRUCTION EMISSIONS – WITHOUT MITIGATION (2 OF 3)

Year	Activity	Source	Total Construction-Source Emissions (lbs/day)					
			VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Meridian South Campus								
2022	Building Construction	Construction Equipment	2.80	29.76	17.67	0.04	1.27	1.19
		Worker and Vendor Trips	9.07	64.39	68.77	0.35	23.70	6.53
	Building Construction Emissions Totals		11.86	94.15	86.44	0.40	24.98	7.72
2023	Building Construction	Construction Equipment	2.55	26.20	17.35	0.04	1.12	1.04
		Worker and Vendor Trips	8.25	49.04	63.03	0.34	23.64	6.47
	Building Construction Emissions Totals		10.80	75.24	80.38	0.38	24.76	7.51
	Architectural Coating	Construction Equipment	93.90	1.74	2.41	0.00	0.09	0.09
		Worker and Vendor Trips	2.84	1.54	21.46	0.07	7.67	2.06
	Architectural Coating Emissions Totals		96.74	3.28	23.88	0.07	7.76	2.16
2024	Building Construction	Construction Equipment	2.41	24.32	17.13	0.04	1.01	0.94
		Worker and Vendor Trips	7.82	48.44	59.36	0.33	23.64	6.47
	Building Construction Emissions Totals		10.23	72.77	76.49	0.38	24.65	7.41
	Paving	Construction Equipment/Paving Off-Gassing	3.13	9.52	14.63	0.02	0.47	0.43
		Worker and Vendor Trips	0.06	0.03	0.44	0.00	0.17	0.05
	Paving Emissions Totals		3.19	9.56	15.07	0.02	0.64	0.48
	Architectural Coating	Construction Equipment	93.89	1.63	2.41	0.00	0.08	0.08
		Worker and Vendor Trips	2.67	1.40	20.13	0.07	7.67	2.06
Architectural Coating Emissions Totals		96.56	3.03	22.54	0.07	7.75	2.14	

TABLE 5-6: MAXIMUM DAILY CONSTRUCTION EMISSIONS – WITHOUT MITIGATION (3 OF 3)

Year	Activity	Source	Total Construction-Source Emissions (lbs/day)					
			VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Maximum Daily Emissions								
Year 2021 Construction Maximum Daily Emissions ¹			17.74	156.20	133.25	0.49	37.50	12.09
Year 2022 Construction Maximum Daily Emissions			11.86	94.15	86.44	0.40	24.98	7.72
Year 2023 Construction Maximum Daily Emissions ²			107.53	78.53	104.25	0.46	32.52	9.67
Year 2024 Construction Maximum Daily Emissions ³			109.98	85.35	114.10	0.47	33.03	10.03
SCAQMD Regional Threshold			75	100	550	150	150	55
Threshold Exceeded?			YES	YES	NO	NO	NO	NO

¹ Based on Table 5-3, Construction Schedule, Village West Drive Extension Grubbing/Land Clearing, Grading/Excavation, Drainage/Utilities/Subgrade, and Paving activities will overlap with Meridian South Campus Site Preparation activities. As such the maximum daily emissions presented for Year 2021 is the sum of all the Village West Drive Extension construction activities and the Meridian South Campus Site Preparation activities.

² Based on Table 5-3, Construction Schedule, building construction and architectural coating activities are anticipated to overlap. The maximum emissions presented for Year 2023 includes the sum of building construction and architectural coating activity emissions for that year.

³ Based on Table 5-3, Construction Schedule, building construction, paving, and architectural coating activities are anticipated to overlap. The maximum emissions presented for Year 2024 includes the sum of building construction, paving, and architectural coating activity emissions for that year.

TABLE 5-7: MAXIMUM DAILY CONSTRUCTION EMISSIONS – WITH MITIGATION (1 OF 3)

Year	Activity	Source	Total Construction-Source Emissions (lbs/day)					
			VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Village West Drive Extension								
2021	Grubbing/Land Clearing	Construction Equipment	0.45	1.72	9.14	0.01	3.99	0.89
		Worker and Water Truck Trips	0.07	0.66	0.65	0.00	0.04	0.02
	Grubbing/Land Clearing Emissions Totals		0.52	2.38	9.79	0.01	4.03	0.91
	Grading/Excavation	Construction Equipment	2.45	5.72	48.65	0.08	4.19	1.08
		Worker and Water Truck Trips	0.17	0.79	2.08	0.01	0.09	0.04
	Grading/Excavation Emissions Totals		2.62	6.51	50.73	0.09	4.28	1.12
	Drainage/Utilities/Subgrade	Construction Equipment	1.93	4.96	38.93	0.07	4.16	1.05
		Worker and Water Truck Trips	0.14	0.76	1.75	0.00	0.08	0.04
	Drainage/Utilities/Subgrade Emissions Totals		2.07	5.72	40.68	0.07	4.24	1.09
	Paving	Construction Equipment/Paving Off-Gassing	0.75	2.33	18.34	0.02	0.12	0.11
		Worker and Water Truck Trips	0.12	0.73	1.42	0.00	0.07	0.03
	Paving Emissions Totals		0.87	3.06	19.76	0.02	0.19	0.14
Meridian South Campus								
2021	Site Preparation	Construction Equipment	0.70	3.03	25.65	0.06	11.28	4.41
		Worker and Vendor Trips	0.09	0.05	0.67	0.00	0.20	0.05
	Site Preparation Emissions Totals		0.78	3.08	26.31	0.06	11.48	4.47
	Grading	Construction Equipment	0.88	3.81	35.39	0.07	6.60	1.85
		Worker and Vendor Trips	0.09	0.06	0.74	0.00	0.22	0.06
	Grading Emissions Totals		0.97	3.86	36.13	0.07	6.83	1.92
	Building Construction	Construction Equipment	0.53	3.10	22.25	0.04	0.07	0.07
Worker and Vendor Trips		9.70	68.46	74.47	0.36	23.72	6.55	
	Building Construction Emissions Totals		10.23	71.55	96.71	0.40	23.79	6.62

TABLE 5-7: MAXIMUM DAILY CONSTRUCTION EMISSIONS – WITH MITIGATION (2 OF 3)

Year	Activity	Source	Total Construction-Source Emissions (lbs/day)					
			VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Meridian South Campus								
2022	Building Construction	Construction Equipment	0.53	3.10	22.25	0.04	0.07	0.07
		Worker and Vendor Trips	9.07	64.39	68.77	0.35	23.70	6.53
	Building Construction Emissions Totals		9.59	67.48	91.02	0.40	23.77	6.60
2023	Building Construction	Construction Equipment	0.53	3.10	22.25	0.04	0.07	0.07
		Worker and Vendor Trips	8.25	49.04	63.03	0.34	23.64	6.47
	Building Construction Emissions Totals		8.77	52.13	85.28	0.38	23.71	6.54
	Architectural Coating	Construction Equipment	22.74	0.17	2.44	0.00	0.01	0.01
		Worker and Vendor Trips	2.84	1.54	21.46	0.07	7.67	2.06
	Architectural Coating Emissions Totals		25.57	1.72	23.91	0.07	7.67	2.07
2024	Building Construction	Construction Equipment	0.53	3.10	22.25	0.04	0.07	0.07
		Worker and Vendor Trips	7.82	48.44	59.36	0.33	23.64	6.47
	Building Construction Emissions Totals		8.34	51.54	81.61	0.38	23.71	6.54
	Paving	Construction Equipment/Paving Off-Gassing	2.43	1.22	17.30	0.02	0.04	0.04
		Worker and Vendor Trips	0.06	0.03	0.44	0.00	0.17	0.05
	Paving Emissions Totals		2.49	1.25	17.74	0.02	0.21	0.08
	Architectural Coating	Construction Equipment	22.74	0.17	2.44	0.00	0.01	0.01
		Worker and Vendor Trips	2.67	1.40	20.13	0.07	7.67	2.06
Architectural Coating Emissions Totals		25.41	1.57	22.57	0.07	7.67	2.07	

TABLE 5-7: MAXIMUM DAILY CONSTRUCTION EMISSIONS – WITH MITIGATION (3 OF 3)

Year	Activity	Source	Total Construction-Source Emissions (lbs/day)					
			VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Maximum Daily Emissions								
Year 2021 Construction Maximum Daily Emissions ¹			12.85	78.06	147.44	0.49	28.07	7.74
Year 2022 Construction Maximum Daily Emissions			9.59	67.48	91.02	0.40	23.77	6.60
Year 2023 Construction Maximum Daily Emissions ²			34.35	53.85	109.18	0.46	31.38	8.61
Year 2024 Construction Maximum Daily Emissions ³			36.24	54.36	121.92	0.47	31.58	8.69
SCAQMD Regional Threshold			75	100	550	150	150	55
Threshold Exceeded?			NO	NO	NO	NO	NO	NO

¹ Based on Table 5-3, Construction Schedule, Village West Drive Extension Grubbing/Land Clearing, Grading/Excavation, Drainage/Utilities/Subgrade, and Paving activities will overlap with Meridian South Campus Site Preparation activities. As such the maximum daily emissions presented for Year 2021 is the sum of all the Village West Drive Extension construction activities and the Meridian South Campus Site Preparation activities.

² Based on Table 5-3, Construction Schedule, building construction and architectural coating activities are anticipated to overlap. The maximum emissions presented for Year 2023 includes the sum of building construction and architectural coating activity emissions for that year.

³ Based on Table 5-3, Construction Schedule, building construction, paving, and architectural coating activities are anticipated to overlap. The maximum emissions presented for Year 2024 includes the sum of building construction, paving, and architectural coating activity emissions for that year.

5.4 REGIONAL OPERATIONAL EMISSIONS

Operational activities associated with the Project will result in emissions of VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}. Operational emissions would be expected from the following primary sources:

- Area Source Emissions
- Energy Source Emissions
- Mobile Source Emissions
- On-Site Cargo Handling Equipment Emissions

5.4.1 AREA SOURCE EMISSIONS

CalEEMod estimates area source emissions for the following sources: architectural coating, consumer products, and landscape maintenance equipment. Detailed operational model outputs are presented in Appendices 5.3 and 5.4.

ARCHITECTURAL COATING

Over a period of time, the buildings that are part of this Project will be subject to emissions resulting from the evaporation of solvents contained in paints, varnishes, primers, and other surface coatings as part of Project maintenance. The emissions associated with architectural coatings were calculated using CalEEMod.

CONSUMER PRODUCTS

Consumer products include, but are not limited to detergents, cleaning compounds, polishes, personal care products, and lawn and garden products. Many of these products contain organic compounds which when released in the atmosphere can react to form O₃ and other photochemically reactive pollutants. The emissions associated with use of consumer products were calculated based on defaults provided within CalEEMod.

LANDSCAPE MAINTENANCE EQUIPMENT

Landscape maintenance equipment would generate emissions from fuel combustion and evaporation of unburned fuel. Equipment in this category would include lawnmowers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers used to maintain the landscaping of the Project. The emissions associated with landscape maintenance equipment were calculated based on assumptions provided in CalEEMod.

5.4.2 ENERGY SOURCE EMISSIONS

Electricity and natural gas are used by almost every project. Criteria pollutant emissions are emitted through the generation of electricity and consumption of natural gas. However, because electrical generating facilities for the Project area are located either outside the region (state) or offset through the use of pollution credits (RECLAIM) for generation within the SCAB, criteria pollutant emissions from offsite generation of electricity is generally excluded from the evaluation of significance and only natural gas use is considered. Detailed operational model outputs are presented in Appendices 5.3 and 5.4.

INTEGRATED ENERGY POLICY REPORT

Project building operations and Project site maintenance activities would result in the consumption of natural gas and electricity. Natural gas would be supplied to the Project by Southern California Gas (SoCalGas) and electricity would be supplied to the Project by Southern California Edison (SCE).

TITLE 24 ENERGY EFFICIENCY STANDARDS

California's Energy Efficiency Standards for Residential and Nonresidential Buildings 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. The 2019 version of Title 24 was adopted by the CEC and became effective on January 1, 2020. As such, the analysis herein assumes compliance with the 2019 Title 24 Standards because the Project will be constructed after January 1, 2020. The CEC anticipates that nonresidential buildings will use approximately 30% less energy compared to the prior code (31). The CalEEMod defaults for Title 24 – Electricity and Lighting Energy were reduced by 30% in order to reflect consistency with the 2019 Title 24 standard.

5.4.3 MOBILE SOURCE EMISSIONS

The Project related operational emissions derive primarily from vehicle trips generated by the Project. Trip characteristics available from the TIA were utilized in this analysis (2).

The Proposed Project + Built/Entitled Land Uses are expected to generate a total of approximately 31,424 two-way vehicular trips per day which includes 26,950 two-way passenger car trips and 4,475 two-way truck trips.

The 2003 EIR Phase III Land Uses are expected to generate a total of approximately 28,140 two-way vehicular trips per day which includes 26,058 two-way passenger car trips and 2,082 two-way truck trips.

As such, the Proposed Project is expected to generate a net total of 3,284 two-way vehicular trips per day which includes 892 two-way passenger car trips and 2,393 two-way truck trips.

The mobile-source emissions were calculated based on trip rates, trip lengths, and emission factors from EMFAC2017. Separate model runs were utilized in order to more accurately model emissions resulting from passenger car and truck operations. Detailed operational model outputs are presented in Appendices 5.3 and 5.4.

NOTE: VMT for transportation is calculated as an efficiency metric per the OPR Guidelines. The VMT analysis does not calculate total VMT associated with the Project. It is more appropriate for the analysis herein to rely on the trip rates from the TIA and the associated trip lengths established by similar projects within the SCAQMD jurisdiction.

5.4.3.1 APPROACH FOR ANALYSIS

TRIP RATES

The trip generation rates used for this analysis are consistent with the rates provided in the TIA which are based upon information collected by the Institute of Transportation Engineers (ITE) as provided in the *Trip Generation* manual, 10th Edition, 2017 (2).

TRIP LENGTHS

For passenger car trips (Light-Duty-Auto vehicles (LDA), Light-Duty Trucks (LDT1)⁸, Light-Duty Trucks (LDT2)⁹, and Medium-Duty Trucks (MDV)), the CalEEMod default for a one-way trip length of 16.6 miles was assumed. For heavy duty trucks (2-axle/Light-Heavy-Duty Trucks (LHDT), 3-axle/Medium-Heavy-Duty Trucks (MHDT), and 4+-axle/Heavy-Heavy-Duty Trucks (HHDT)) a one-way trip length of 60 miles was assumed. 60 miles is a more conservative assumption than the SCAQMD recommended 40-mile trip length and is consistent with past projects that the March JPA has entitled in the Meridian Business Center Specific Plan area.

PASSENGER CAR FLEET MIX

It is important to note that although the TIA does not breakdown passenger cars by type, this analysis assumes that passenger cars include LDA, LDT1, LDT2, and MDV vehicle types for the following uses:

TABLE 5-8: PASSENGER CAR FLEET MIX

Land Use	Vehicle Type	%
Warehousing (70% of Business Park)	LDA	62.30
	LDT1	4.04
	LDT2	21.21
	MDV	12.44
Warehousing	LDA	62.30
	LDT1	4.04
	LDT2	21.21
	MDV	12.44
High-Cube Cold Storage Warehouse	LDA	62.30
	LDT1	4.04
	LDT2	21.21
	MDV	12.44
High-Cube Transload Short-Term Warehouse (Building D)	LDA	62.30
	LDT1	4.04
	LDT2	21.21

⁸ Vehicles under the LDT1 category have a gross vehicle weight rating (GVWR) of less than 6,000 lbs. and equivalent test weight (ETW) of less than or equal to 3,750 lbs.

⁹ Vehicles under the LDT2 category have a GVWR of less than 6,000 lbs. and ETW between 3,751 lbs. and 5,750 lbs.

Land Use	Vehicle Type	%
	MDV	12.44

The Project-specific passenger car fleet mix used in this analysis is based on a proportional split utilizing the default CalEEMod percentages assigned to LDA, LDT1, LDT2, and MDV vehicles types. For all other uses (office, commercial, grocery store, and dog park & paseo), the CalEEMod default fleet mix was used.

TRUCK FLEET MIX

In order to be consistent with the TIA, trucks are broken down by truck type. The trucks are comprised of LHDT, MHDT, and HHDT. In order to account for emissions generated by trucks, the following fleet mix was utilized in this analysis:

TABLE 5-9: TRUCK FLEET MIX

Land Use	Vehicle Type	%
Warehousing (70% of Business Park)	LHDT	16.70
	MHDT	20.70
	HHDT	62.60
Warehousing	LHDT	16.70
	MHDT	20.70
	HHDT	62.60
High-Cube Cold Storage Warehouse	LHDT	34.70
	MHDT	1.10
	HHDT	54.30
High-Cube Transload Short-Term Warehouse (Building D)	LHDT	16.70
	MHDT	20.70
	HHDT	62.60

It should be noted that the Project-specific truck fleet mix is based on the number of trips generated by each truck type (LHDT, MHDT, and HHDT) relative to the total number of truck trips. For all other uses (office, commercial, grocery store, and dog park & paseo), the CalEEMod default fleet mix was used.

FUGITIVE DUST RELATED TO VEHICULAR TRAVEL

Vehicles traveling on paved roads would be a source of fugitive emissions due to the generation of road dust inclusive of brake and tire wear particulates. The emissions estimates for travel on paved roads were calculated using CalEEMod. Fugitive dust emissions are included in the mobile source emissions category as summarized on Tables 5-10, 5-11, and Table 5-13.

5.4.4 ON-SITE CARGO HANDLING EQUIPMENT EMISSIONS

It is common for industrial warehouse buildings to require cargo handling equipment to move empty containers and empty chassis to and from the various pieces of cargo handling equipment

that receive and distribute containers. The most common type of cargo handling equipment is the yard truck which is designed for moving cargo containers. Yard trucks are also known as yard goats, utility tractors (UTRs), hustlers, yard hostlers, and yard tractors. The cargo handling equipment is assumed to have a horsepower (hp) range of approximately 175 hp to 200 hp. Based on the latest available information from SCAQMD (41), for example, high-cube warehouse projects typically have 3.6 yard trucks per million sf of building space. For this particular Project, based on the maximum square footage of industrial building space permitted by the Project, on-site modeled operational equipment includes up to eleven (11) 200 hp, compressed natural gas or gasoline-powered yard tractors operating at 4 hours a day for 365 days of the year (4 yard tractors for the warehouse (70% of business park), 1 yard tractor for the warehouse, 3 yard tractors for the high-cube transload short-term warehouse, and 3 yard tractors for the high-cube cold storage warehouse use). In order to account for emissions associated with the 11 on-site pieces of cargo handling equipment, these were input into CalEEMod under the on-site equipment screen as 200 hp tractor/loader/backhoes with a load factor of 0.37 and a selection of natural gas as the fuel type. It should be noted that the resulting emissions calculations in CalEEMod from on-site equipment are the same for both natural gas and gasoline powered equipment for this category.

5.4.5 OPERATIONAL EMISSIONS SUMMARY

5.4.5.1 PROPOSED PROJECT LAND USES OPERATIONAL EMISSIONS SUMMARY

As previously stated, CalEEMod utilizes summer and winter EMFAC2017 emission factors in order to derive vehicle emissions associated with Project operational activities, which vary by season. As such, operational activities for summer and winter scenarios are presented in Table 5-10. Detailed operational model outputs are presented in Appendices 5.3 and 5.4.

5.4.5.2 BUILT/ENTITLED LAND USES OPERATIONAL EMISSIONS SUMMARY

As previously stated, the built/entitled land uses will be included as part of the proposed Project scenario. Emissions calculations associated with the Built/Entitled Land Uses are consistent with the methodology previously discussed for the Project. As such, built/entitled land use operational activities are presented in Table 5-11. Detailed operational model outputs are presented in Appendices 5.5 and 5.6.

TABLE 5-10: PROPOSED PROJECT LAND USES OPERATIONAL EMISSIONS

Emissions Source	Total Operational-Source Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Area Source	95.78	3.99E-03	0.44	3.00E-05	1.56E-03	1.56E-03
Energy Source	1.25	11.33	9.52	0.07	0.86	0.86
Mobile Source (Passenger Cars)	75.72	249.14	649.53	2.09	197.62	54.00
Mobile Source (Trucks)	7.75	416.38	85.80	2.27	96.13	30.04
On-Site Cargo Handling Equipment	1.20	10.70	8.26	0.03	0.39	0.36
Total Maximum Daily Emissions	181.70	687.56	753.56	4.46	295.00	85.27
Winter						
	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}
Area Source	95.78	3.99E-03	0.44	3.00E-05	1.56E-03	1.56E-03
Energy Source	1.25	11.33	9.52	0.07	0.86	0.86
Mobile Source (Passenger Cars)	67.76	257.87	569.85	1.95	197.61	54.00
Mobile Source (Trucks)	7.46	435.24	78.43	2.27	96.07	30.02
On-Site Cargo Handling Equipment	1.20	10.70	8.26	0.03	0.39	0.36
Total Maximum Daily Emissions	173.44	715.16	666.50	4.33	294.93	85.25

TABLE 5-11: BUILT/ENTITLED LAND USES OPERATIONAL EMISSIONS

Emissions Source	Total Operational-Source Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Area Source	59.27	2.48E-03	0.27	2.00E-05	9.70E-04	9.70E-04
Energy Source	0.15	1.37	1.15	8.23E-03	0.10	0.10
Mobile Source (Passenger Cars)	16.51	20.56	205.10	0.65	73.38	19.70
Mobile Source (Trucks)	10.02	582.06	113.10	3.20	133.06	41.71
On-Site Cargo Handling Equipment	1.09	9.73	7.51	0.03	0.36	0.33
Total Maximum Daily Emissions	87.04	613.73	327.13	3.89	206.90	61.84
Winter						
Area Source	59.27	2.48E-03	0.27	2.00E-05	9.70E-04	9.70E-04
Energy Source	0.15	1.37	1.15	8.23E-03	0.10	0.10
Mobile Source (Passenger Cars)	14.71	21.26	169.61	0.59	73.38	19.70
Mobile Source (Trucks)	9.59	608.33	102.65	3.20	132.99	41.68
On-Site Cargo Handling Equipment	1.09	9.73	7.51	0.03	0.36	0.33
Total Maximum Daily Emissions	84.82	640.70	281.20	3.83	206.83	61.81

5.4.5.3 PROPOSED PROJECT + BUILT/ENTITLED LAND USES OPERATIONAL EMISSIONS

The emissions presented in Table 5-12 represent the sum of emissions from the Proposed Project Land Uses plus the Built/Entitled Land Uses.

TABLE 5-12: PROPOSED PROJECT + BUILT/ENTITLED LAND USES OPERATIONAL EMISSIONS

Emissions Source	Total Operational-Source Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Proposed Project Land Uses	181.70	687.56	753.56	4.46	295.00	85.27
Built/Entitled Land Uses	87.04	613.73	327.13	3.89	206.90	61.84
Total Maximum Daily Emissions (Proposed Project + Built/Entitled)	268.74	1,301.29	1,080.69	8.35	501.90	147.11
Winter						
Proposed Project Land Uses	173.44	715.16	666.50	4.33	294.93	85.25
Built/Entitled Land Uses	84.82	640.70	281.20	3.83	206.83	61.81
Total Maximum Daily Emissions (Proposed Project + Built/Entitled)	258.26	1,355.86	947.70	8.16	501.76	147.06

5.4.5.4 2003 EIR PHASE III LAND USE OPERATIONAL EMISSIONS

Emissions generated from the land uses proposed in the 2003 EIR Phase III are presented in Table 5-13. These emissions were calculated in CalEEMod for the 2003 EIR Phase III land uses in a manner consistent with the Project. Detailed operational model outputs are presented in Appendices 5.7 through 5.9.

TABLE 5-13: 2003 EIR PHASE III OPERATIONAL EMISSIONS

Emissions Source	Total Operational-Source Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Area Source	180.30	0.01	0.83	0.00	0.00	0.00
Energy Source	1.97	17.88	15.02	0.11	1.36	1.36
Mobile Source (Passenger Cars)	65.48	44.17	896.27	2.83	330.21	88.43
Mobile Source (Trucks)	8.80	511.63	99.41	2.81	116.96	36.66
On-Site Cargo Handling Equipment	3.06	27.25	21.04	0.09	1.00	0.92
Total Maximum Daily Emissions	259.62	600.93	1032.56	5.84	449.53	127.37
Winter						
Area Source	180.30	0.01	0.83	0.00	0.00	0.00
Energy Source	1.97	17.88	15.02	0.11	1.36	1.36
Mobile Source (Passenger Cars)	58.31	45.65	732.41	2.57	330.21	88.43
Mobile Source (Trucks)	8.43	534.72	90.23	2.81	116.89	36.64
On-Site Cargo Handling Equipment	3.06	27.25	21.04	0.09	1.00	0.92
Total Maximum Daily Emissions	252.07	625.50	859.52	5.58	449.46	127.34

5.4.5.5 PROPOSED PROJECT NET EMISSIONS

The net change in emissions associated with the 2003 EIR Phase III to the currently proposed Project (Proposed Project + Built/Entitled Land Uses) are presented in Table 5-14. As shown, the Project (net change in emissions) associated with the shift in mix of uses from the 2003 EIR Phase III to the proposed Project would exceed regional thresholds of significance established by the SCAQMD for NO_x emissions, therefore a potentially significant impact would occur.

It should be noted that the majority of the Project's NO_x emissions are derived from vehicle usage (passenger cars and trucks). Since neither the Project Applicant nor the March JPA have regulatory authority to control tailpipe emissions, no feasible MMs exist that would reduce these emissions to levels that are less-than-significant, thus NO_x emissions are considered significant and unavoidable.

Although the Project would implement the mitigation measures listed in section ES.3.2, there is no way to meaningfully quantify these reductions in CalEEMod and therefore no numeric emissions credit has been taken in the analysis for implementation of operational MMs. Additionally, TDM measures implemented as mitigation for transportation VMT impacts would act to generally reduce vehicle-source emissions. The efficacy of TDMs and any resulting emissions reductions would be dependent on as yet-unknown building tenants and final site plan designs. Accordingly, emissions reductions resulting from implementation of TDMs are not quantified within this analysis. As such, even with application of MM AQ-4 through MM AQ-17 and TDMs, Project operational-source NO_x emissions impacts would be significant and unavoidable.

TABLE 5-14: PROPOSED PROJECT NET EMISSIONS¹

Emissions Source	Total Operational-Source Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Proposed Project + Built/Entitled Land	268.74	1,301.29	1,080.69	8.35	501.90	147.11
2003 EIR Phase III	259.62	600.93	1,032.56	5.84	449.53	127.37
Proposed Project Net Emissions	9.12	700.36	48.13	2.51	52.37	19.74
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	YES	NO	NO	NO	NO
Winter						
Proposed Project + Built/Entitled Land	258.26	1,355.86	947.70	8.16	501.76	147.06
2003 EIR Phase III	252.07	625.50	859.52	5.58	449.46	127.34
Proposed Project Net Emissions	6.19	730.36	88.18	2.58	52.30	19.72
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	YES	NO	NO	NO	NO

¹ Proposed Project Net Emissions = Proposed Project + Built/Entitled Land Uses Emissions – 2003 EIR Phase III Emissions

5.5 CONSTRUCTION-SOURCE LOCALIZED EMISSIONS

IMPACTS WITHOUT MITIGATION

The on-site construction emissions for NO_x, CO, PM₁₀, and PM_{2.5} are compared to the respective LSTs as previously shown in Table 4-5. As previously stated, due to the size of the Project, the site was divided into the five (5) areas. In order to estimate on-site emissions from each area, the total on-site construction emissions were multiplied based on the ratio of each area relative to the entire Project site. As shown in Table 5-15, Project localized construction-source emissions would not exceed the applicable LSTs. Outputs from the model runs for construction LSTs are provided in Appendices 5.1 and 5.10.

TABLE 5-15: LOCALIZED SIGNIFICANCE SUMMARY OF CONSTRUCTION – WITHOUT MITIGATION (1 OF 2)

Site Preparation – Construction On-Site Emissions				
Year	Emissions (lbs/day)			
	NO_x	CO	PM₁₀	PM_{2.5}
Area A				
2021	32.74	11.77	7.45	3.64
Maximum Daily Emissions	32.74	11.77	7.45	3.64
SCAQMD Localized Threshold	284	1,841	25	9
Threshold Exceeded?	NO	NO	NO	NO
Area B				
2021	6.37	2.29	1.45	0.71
Maximum Daily Emissions	6.37	2.29	1.45	0.71
SCAQMD Localized Threshold	307	2,254	41	10
Threshold Exceeded?	NO	NO	NO	NO
Area C				
2021	18.43	6.63	4.19	2.05
Maximum Daily Emissions	18.43	6.63	4.19	2.05
SCAQMD Localized Threshold	363	3,185	186	91
Threshold Exceeded?	NO	NO	NO	NO
Area D				
2021	3.25	1.17	0.74	0.36
Maximum Daily Emissions	3.25	1.17	0.74	0.36
SCAQMD Localized Threshold	340	2,808	99	33
Threshold Exceeded?	NO	NO	NO	NO
Village West Drive Extension				
2021	9.84	6.31	10.39	2.45
Maximum Daily Emissions	9.84	6.31	10.39	2.45
SCAQMD Localized Threshold	118	602	29	8
Threshold Exceeded?	NO	NO	NO	NO
Grading – Construction On-Site Emissions				
Year	Emissions (lbs/day)			
	NO_x	CO	PM₁₀	PM_{2.5}
Area A				
2021	30.46	16.82	4.72	2.07
Maximum Daily Emissions	30.46	16.82	4.72	2.07
SCAQMD Localized Threshold	284	1,841	25	9
Threshold Exceeded?	NO	NO	NO	NO

TABLE 5-15: LOCALIZED SIGNIFICANCE SUMMARY OF CONSTRUCTION – WITHOUT MITIGATION (2 OF 2)

Grading – Construction On-Site Emissions				
Year	Emissions (lbs/day)			
	NO_x	CO	PM₁₀	PM_{2.5}
Area B				
2021	5.92	3.27	0.92	0.40
Maximum Daily Emissions	5.92	3.27	0.92	0.40
SCAQMD Localized Threshold	307	2,254	41	10
Threshold Exceeded?	NO	NO	NO	NO
Area C				
2021	17.15	9.47	2.66	1.16
Maximum Daily Emissions	17.15	9.47	2.66	1.16
SCAQMD Localized Threshold	363	3,185	186	91
Threshold Exceeded?	NO	NO	NO	NO
Area D				
2021	3.02	1.67	0.47	0.21
Maximum Daily Emissions	3.02	1.67	0.47	0.21
SCAQMD Localized Threshold	340	2,808	99	33
Threshold Exceeded?	NO	NO	NO	NO
Village West Drive Extension – Grading/Excavation				
2021	52.98	38.51	12.21	4.12
Maximum Daily Emissions	52.98	38.51	12.21	4.12
SCAQMD Localized Threshold	118	602	29	8
Threshold Exceeded?	NO	NO	NO	NO
Village West Drive Extension – Drainage/Utilities/Subgrade				
2021	42.12	33.25	11.81	1.71
Maximum Daily Emissions	42.12	33.25	11.81	1.71
SCAQMD Localized Threshold	118	602	29	8
Threshold Exceeded?	NO	NO	NO	NO

5.6 OPERATIONAL-SOURCE LOCALIZED EMISSIONS

As noted previously, the *LST Methodology* provides look-up tables for sites with an area with daily disturbance of 5 acres or less. For projects that exceed 5 acres, the 5-acre LST look-up tables can be used as a screening tool to determine which pollutants require additional detailed analysis. This approach is conservative as it assumes that all on-site emissions associated with the project would occur within a concentrated 5-acre area. This screening method would therefore over-predict potential localized impacts, because by assuming that on-site operational activities are occurring over a smaller area, the resulting concentrations of air pollutants are more highly concentrated once they reach the smaller site boundary than they would be for activities if they were spread out over a larger surface area. On a larger site, the same amount of air pollutants generated would disperse over a larger surface area and would result in a lower concentration once emissions reach the project-site boundary. As such, LSTs for a 5-acre site during operations are used as a screening tool to determine if further detailed analysis is required.

The LST analysis generally includes on-site sources (area, energy, mobile, and on-site cargo handling equipment – are previously discussed in Section 5.4 of this report). However, it should be noted that the CalEEMod outputs do not separate on-site and off-site emissions from mobile sources. As such, in an effort to establish a maximum potential impact scenario for analytic purposes, the emissions shown on Table 5-16 represent all on-site Project-related stationary (area) sources and Project-related mobile sources. It is assumed that the maximum distance a passenger car and/or truck would make through the project site is approximately 0.20 miles. Although the on-site distance for the entire site is greater, this assumption that each and every trip (inbound and outbound) travels roughly 1,000 feet is conservative because not every single trip (inbound and outbound) would travel 1,000 feet on-site. As such, an on-site travel distance of approximately 0.20 mile for each passenger car (1.14% of passenger car mobile-source emissions) and truck trips (0.32% of truck mobile-source emissions) has been used as a conservative measure. Modeling based on these assumptions demonstrates that even within broad encompassing parameters, Project operational-source emissions would not exceed applicable LSTs.

SUMMARY OF OPERATIONAL LST IMPACTS

The on-site operational emissions for NO_x, CO, PM₁₀, and PM_{2.5} are compared to the respective LSTs as previously shown in Table 4-6. Similar to the approach taken when determining on-site construction emissions, on-site operational emissions were determined by multiplying the total on-site operational emissions by the ratio of each area relative to the entire Project site.

As shown on Table 5-16 operational emissions will not exceed the LST thresholds. Therefore, the Project will have a less than significant localized impact during operational activity and no mitigation is required.

TABLE 5-16: LOCALIZED SIGNIFICANCE SUMMARY OF OPERATIONS

Operational Emissions	Emissions (lbs/day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Area A				
Summer	21.22	20.24	2.99	1.47
Winter	21.35	19.50	2.98	1.47
Maximum Daily Emissions	21.35	20.24	2.99	1.47
SCAQMD Localized Threshold	284	1,841	7	2
Threshold Exceeded?	NO	NO	NO	NO
Area B				
Summer	4.13	3.93	0.58	0.29
Winter	4.15	3.79	0.58	0.29
Maximum Daily Emissions	4.15	3.93	0.58	0.29
SCAQMD Localized Threshold	307	2,254	10	3
Threshold Exceeded?	NO	NO	NO	NO
Area C				
Summer	11.95	11.39	1.68	0.83
Winter	12.02	10.98	1.68	0.83
Maximum Daily Emissions	12.02	11.39	1.68	0.83
SCAQMD Localized Threshold	363	3,185	45	23
Threshold Exceeded?	NO	NO	NO	NO
Area D				
Summer	2.10	2.01	0.30	0.15
Winter	2.12	1.93	0.30	0.15
Maximum Daily Emissions	2.12	2.01	0.30	0.15
SCAQMD Localized Threshold	340	2,808	24	9
Threshold Exceeded?	NO	NO	NO	NO

5.7 CO “HOT SPOT” ANALYSIS

As discussed below, the Project would not result in potentially adverse CO concentrations or “hot spots.” Further, detailed modeling of Project-specific CO “hot spots” is not needed to reach this conclusion. An adverse CO concentration, known as a “hot spot”, would occur if an exceedance of the state one-hour standard of 20 ppm or the eight-hour standard of 9 ppm were to occur. At the time of the SCAQMD’s *CEQA Air Quality Handbook (1993)* (*1993 CEQA Handbook*), the SCAB was designated nonattainment under the CAAQS and NAAQS for CO (42).

It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. In response, vehicle emissions standards have become increasingly stringent in the last twenty years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment.

To establish a more accurate record of baseline CO concentrations affecting the SCAB, a CO “hot spot” analysis was conducted in 2003 for four busy intersections in Los Angeles at the peak morning and afternoon time periods. This “hot spot” analysis did not predict any violation of CO standards, as shown on Table 5-17.

TABLE 5-17: CO MODEL RESULTS

Intersection Location	CO Concentrations (ppm)		
	Morning 1-hour	Afternoon 1-hour	8-hour
Wilshire/Veteran	4.6	3.5	3.7
Sunset/Highland	4	4.5	3.5
La Cienega/Century	3.7	3.1	5.2
Long Beach/Imperial	3	3.1	8.4

Source: 2003 AQMP, Appendix V: Modeling and Attainment Demonstrations

Notes: Federal 1-hour standard is 35 ppm and the deferral 8-hour standard is 9.0 ppm.

Based on the SCAQMD’s *2003 Air Quality Management Plan (2003 AQMP)* and the *1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan)*, peak CO concentrations in the SCAB were a result of unusual meteorological and topographical conditions and not a result of traffic volumes and congestion at a particular intersection. As evidence of this, for example, 8.4 ppm 8-hour CO concentration measured at the Long Beach Boulevard and Imperial Highway intersection (highest CO generating intersection within the “hot spot” analysis), only 0.7 ppm was attributable to the traffic volumes and congestion at this intersection; the remaining 8.6 ppm were due to the ambient air measurements at the time the *2003 AQMP* was prepared (43). In contrast, the ambient 8-hour CO concentration within the Project study area is estimated at 1.4 ppm—1.6 ppm. Therefore, even if the traffic volumes for the Project were double or even triple of the traffic volumes generated at the Long Beach Boulevard and Imperial Highway intersection, coupled with

the on-going improvements in ambient air quality, the Project would not be capable of resulting in a CO “hot spot” at any study area intersections. Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District (BAAQMD) concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour (vph) where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (44).

Traffic volumes generating the CO concentrations for the “hot spot” analysis is shown on Table 5-18. The busiest intersection evaluated was that at Wilshire Boulevard and Veteran Avenue, which has a daily traffic volume of approximately 100,000 vehicles per day and AM/PM traffic volumes of 8,062 vph and 7,719 vph respectively (45). The 2003 AQMP estimated that the 1-hour concentration for this intersection was 4.6 ppm; this indicates that, should the daily traffic volume increase four times to 400,000 vehicles per day, CO concentrations (4.6 ppm x 4= 18.4 ppm) would still not likely exceed the most stringent 1-hour CO standard (20.0 ppm).¹⁰ At buildout of the Project, as shown on Exhibit 6-3, *Opening Year Cumulative (2024) With Proposed Project Average Daily Traffic (ADT)*, of the TIA, the highest average daily trips on a segment of road would be 84,863 daily trips on Overlook Parkway/Canyon Crest Drive and Alessandro Boulevard, which is lower than the highest daily traffic volumes at Wilshire Boulevard and Veteran Avenue of 100,000 vehicles per day (2).

Additionally, the 2003 AQMP determined that the highest traffic volumes on a segment of road is 8,674 vph on La Cienega Boulevard and Century Boulevard. As shown on Table 5-19, the highest trips on a segment of road for the Project is 7,582 vph on Meridian Parkway and Van Buren Boulevard. As such, Project-related traffic volumes are less than the traffic volumes identified in the 2003 AQMP. The Project considered herein would not produce the volume of traffic required to generate a CO “hot spot” either in the context of the 2003 Los Angeles hot spot study or based on representative BAAQMD CO threshold considerations. Therefore, CO “hot spots” are not an environmental impact of concern for the Project. Localized air quality impacts related to mobile-source emissions would therefore be less than significant.

TABLE 5-18: TRAFFIC VOLUMES

Intersection Location	Peak Traffic Volumes (vph)				
	Eastbound (AM/PM)	Westbound (AM/PM)	Southbound (AM/PM)	Northbound (AM/PM)	Total (AM/PM)
Wilshire/Veteran	4,954/2,069	1,830/3,317	721/1,400	560/933	8,062/7,719
Sunset/Highland	1,417/1,764	1,342/1,540	2,304/1,832	1,551/2,238	6,614/5,374
La Cienega/Century	2,540/2,243	1,890/2,728	1,384/2,029	821/1,674	6,634/8,674
Long Beach/Imperial	1,217/2,020	1,760/1,400	479/944	756/1,150	4,212/5,514

Source: 2003 AQMP

¹⁰ Based on the ratio of the CO standard (20.0 ppm) and the modeled value (4.6 ppm).

TABLE 5-19: OPENING YEAR CUMULATIVE (2024) WITH PROPOSED PROJECT TRAFFIC VOLUMES

Intersection Location	Peak Traffic Volumes (vph)				
	Northbound (AM/PM)	Southbound (AM/PM)	Eastbound (AM/PM)	Westbound (AM/PM)	Total (AM/PM)
Overlook Parkway/Canyon Crest Drive And Alessandro Boulevard	62/50	489/759	1,616/3,374	4,708/2,665	6,876/6,849
Sycamore Canyon Drive/Meridian Parkway and Alessandro Boulevard	1,420/961	375/870	1,703/3,064	3,116/1,910	6,614/6,805
Meridian Parkway and Van Buren Boulevard	2/29	643/1,513	2,391/3,833	3,369/2,208	6,406/7,582
Opportunity Way and Van Buren Boulevard	0/0	31/59	1,790/3,947	3,454/2,259	5,276/6,265

Source: Meridian South Campus Traffic Impact Analysis (Urban Crossroads, 2019).

5.8 AIR QUALITY MANAGEMENT PLANNING

The Project site is located within the SCAB, which is characterized by relatively poor air quality. The SCAQMD has jurisdiction over an approximately 10,743 square-mile area consisting of the four-county Basin and the Los Angeles County and Riverside County portions of what used to be referred to as the Southeast Desert Air Basin. In these areas, the SCAQMD is principally responsible for air pollution control, and works directly with the SCAG, county transportation commissions, local governments, as well as state and federal agencies to reduce emissions from stationary, mobile, and indirect sources to meet state and federal ambient air quality standards.

Currently, these state and federal air quality standards are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMPs to meet the state and federal ambient air quality standards. AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In March 2017, the SCAQMD released the *2016 AQMP*. The *2016 AQMP* continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as, explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (46). Similar to the 2012 AQMP, the *2016 AQMP* incorporates scientific and technological information and planning assumptions, including the *2016-2040 RTP/SCS*, a planning document that supports the integration of land use and transportation to help the region meet the federal Clean Air Act requirements (33). The Project's consistency with the AQMP will be determined using the *2016 AQMP* as discussed below.

Criteria for determining consistency with the AQMP are defined in Chapter 12, Section 12.2 and Section 12.3 of the *1993 CEQA Handbook* (47). These indicators are discussed below:

5.8.1 CONSISTENCY CRITERION No. 1

The proposed Project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

The violations that Consistency Criterion No. 1 refers to are the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if regional or localized significance thresholds were exceeded.

Construction Impacts – Consistency Criterion 1

Consistency Criterion No. 1 refers to violations of the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if LSTs or regional significance thresholds were exceeded. As evaluated, the Project's regional and localized construction-source emissions would not exceed applicable regional significance threshold and LST thresholds after implementation of applicable MMs. As such, a less than significant impact is expected.

Operational Impacts – Consistency Criterion 1

The Project would not exceed the applicable LSTs for operational activity. However, the proposed Project net emissions would exceed the applicable regional thresholds for emissions of NO_x.

On the basis of the preceding discussion, the Project is determined to be inconsistent with the first criterion.

5.8.2 CONSISTENCY CRITERION No. 2

The Project will not exceed the assumptions in the AQMP based on the years of Project build-out phase.

The 2016 AQMP demonstrates that the applicable ambient air quality standards can be achieved within the timeframes required under federal law. Growth projections from local general plans adopted by cities in the district are provided to the SCAG, which develops regional growth forecasts, which are then used to develop future air quality forecasts for the AQMP. Development consistent with the growth projections in March JPA General Plan is considered to be consistent with the AQMP.

Construction Impacts – Consistency Criterion 2

Peak day emissions generated by construction activities are largely independent of land use assignments, but rather are a function of development scope and maximum area of disturbance. Irrespective of the site's land use designation, development of the site to its maximum potential would likely occur, with disturbance of the entire site occurring during construction activities.

Operational Impacts – Consistency Criterion 2

The March JPA General Plan land use and Zoning designation for the Project site is March Business Center Specific Plan (SP-I). The SP-I consists of several land use designations which include: Business Park, Mixed Use, Commercial, Office, and Park/Recreation/Open Space (48).

The Project is proposed to consist of 388,011 sf of office, 221,394 sf of commercial, 61,336 sf of grocery store, 1,764,180 sf of business park, 800,000 sf of high-cube warehouse, 700,000 sf of high-cube cold storage warehouse, 274,437 sf of warehousing, and a 6.2 acre dog park. Portions of the Project site are not consistent with the current land use and zoning designations. As such, the land uses proposed by the Project site would result in a revised March Business Center Specific Plan (SP-1 Amendment #8) through modification of the land use designation and zoning of several areas.

It should be noted that the operational-source emissions for the Project were compared to the operational emissions generated by the currently approved land uses. As shown in Section 5.4.7, Proposed Project Net Emissions, the Project would result in an increase in NO_x emissions as compared to the 2003 EIR Phase III. Thus, the Project would result in significant and unavoidable impacts due to operational-related NO_x emissions.

5.8.3 AQMP CONSISTENCY CONCLUSION

The Project has the potential to result in or cause NAAQS or CAAQS violations as the Project's net NO_x regional operational-source emissions would exceed the applicable threshold of significance and therefore would result in a significant and unavoidable impacts due to operational-related NO_x emissions. On the basis of the preceding discussion, the Project has the potential to conflict with the applicable AQMP and a significant impact would occur.

5.9 2016-2040 RTP/SCS CONSISTENCY

The SCAG RTP/SCS is a long-range transportation plan that is developed and updated by SCAG every four years. The RTP provides a vision for transportation investments throughout the region. The SCS will integrate land use and transportation strategies that will achieve GHG emissions reduction targets that are forecasted to achieve reduction in GHG emissions to achieve the state's 2035 and 2040 GHG reduction goals.

The Project lies entirely within Traffic Analysis Zone (TAZ) 43261100. The *2016-2040 RTP/SCS* projects that within TAZ 43261100, there will be a total of 3,576 jobs by 2040. Adding jobs consistent with the *2016-2040 RTP/SCS* projections supports SCAG's achievement of CARB emissions reductions targets.

The SCS also indicates that this is a jobs poor area so providing more jobs will actually reduce GHG emissions and reduce VMT as it will provide local jobs to achieve a more favorable jobs-housing balance.

Additionally, the March JPA Draft General Plan discusses the need to create more jobs as described below:

- March JPA has a stated goal of providing 38,000 jobs, through development of its Planning Area, to the western Riverside County area thereby creating a much-needed job center. The creation of a job center is important to reduce the existing jobs/housing imbalance that exists in this region such that it can help reduce traffic congestion, pollution, fossil

fuel dependence and improve the overall quality of life for the residents of western Riverside County.

- March JPA has a mission to replace regional economic benefit that was lost with the realignment of the active duty March Air Force Base into a Reserve Base in April 1996. The quantified benefits are the creation of at least 38,000 jobs, and more than \$500 million annual economic contribution to the Riverside County region.

The Project is expected to generate 2,640 jobs. This is within the projected job total in TAZ 43261100 of 3,576 in 2040. Since the jobs created by the Project are within the job growth projections in the *2016-2040 RTP/SCS*, the Project will not impair the region's ability to achieve the GHG reductions from Project-related mobile sources as required by SB 375 because the land use development pattern proposed by the Project results in jobs within the total number of jobs projected by *2016-2040 RTP/SCS*, and is consistent with the underlying assumptions upon which *2016-2040 RTP/SCS* was based.

5.10 POTENTIAL IMPACTS TO SENSITIVE RECEPTORS

The potential impact of Project-generated air pollutant emissions on sensitive receptors has also been considered. Sensitive receptors can include uses such as long-term health care facilities, rehabilitation centers, and retirement homes. Residences, schools, playgrounds, childcare centers, and athletic facilities can also be considered as sensitive receptors.

Results of the LST analysis indicate that the Project would not exceed the SCAQMD localized significance thresholds during construction. Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations during Project construction.

Results of the LST analysis indicate that the Project would not exceed the SCAQMD localized significance thresholds during operational activity. Further Project traffic would not create or result in a CO "hotspot." Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations as the result of Project operations.

5.10.1 TOXIC AIR CONTAMINANTS

The Project would have a significant impact if it results in a maximum incremental cancer risk ≥ 10 in one million and/or a chronic & acute hazard index that is ≥ 1.0 .

A Health Risk Assessment (HRA) has been prepared by Urban Crossroads, Inc. under a separate cover. The results of the *Meridian South Campus Mobile Source Health Risk Assessment* (Urban Crossroads, Inc.) indicate that the Project would not result in any significant health risk impacts from exposure to TACs resulting from the Project.

5.11 ODORS

The potential for the Project to generate objectionable odors has also been considered. Land uses generally associated with odor complaints include:

- Agricultural uses (livestock and farming)

- Wastewater treatment plants
- Food processing plants
- Chemical plants
- Composting operations
- Refineries
- Landfills
- Dairies
- Fiberglass molding facilities

The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the proposed Project may result from construction equipment exhaust and the application of asphalt and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the proposed Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals. The proposed Project would also be required to comply with SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors associated with the proposed Project construction and operations would be less than significant and no mitigation is required (49).

5.12 CUMULATIVE IMPACTS

As previously shown in Table 2-3, the CAAQS designate the SCAB as nonattainment for O₃, PM₁₀, and PM_{2.5} while the NAAQS designates the SCAB as nonattainment for O₃ and PM_{2.5}.

The SCAQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (50). In this report the SCAQMD clearly states (Page D-3):

...the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for TAC emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.

Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and

cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant.

Therefore, this analysis assumes that individual projects that do not generate operational or construction emissions that exceed the SCAQMD's recommended daily thresholds for project-specific impacts would also not cause a cumulatively considerable increase in emissions for those pollutants for which the Basin is in nonattainment, and, therefore, would not be considered to have a significant, adverse air quality impact. Alternatively, individual project-related construction and operational emissions that exceed SCAQMD thresholds for project-specific impacts would be considered cumulatively considerable.

CONSTRUCTION IMPACTS

As discussed herein, all construction-source criteria pollutant emissions impacts would be less-than-significant at the Project level, and would therefore per SCAQMD criteria, not be cumulatively significant.

OPERATIONAL-SOURCE EMISSIONS

As discussed herein, operational-source NO_x emissions impacts would be significant and unavoidable at the Project level, and would therefore per SCAQMD criteria, be cumulatively significant and unavoidable.

It should be noted that the Project is located within an area that is non-attainment for O₃, PM₁₀, and PM_{2.5}. NO_x is an O₃ precursor; NO_x is also a precursor to PM₁₀ and PM_{2.5}.

Over the life of the Project, operational-source NO_x emissions exceedances would result in a cumulatively considerable net increase in criteria pollutants (O₃, PM₁₀, and PM_{2.5}) for which the encompassing region is non-attainment. These are cumulatively significant air quality impacts.

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7 CERTIFICATIONS

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Meridian South Campus. The information contained in this air quality impact assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at (949) 336-5987.

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AEP – Association of Environmental Planners
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Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
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APPENDIX 2.1:

STATE/FEDERAL ATTAINMENT STATUS OF CRITERIA POLLUTANTS

APPENDIX C

MAPS AND TABLES OF AREA DESIGNATIONS FOR STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS

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APPENDIX C

MAPS AND TABLES OF AREA DESIGNATIONS FOR STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS

This attachment fulfills the requirement of Health and Safety Code section 40718 for CARB to publish maps that identify areas where one or more violations of any State ambient air quality standard (State standard) or national ambient air quality standard (national standard) have been measured. The national standards are those promulgated under section 109 of the federal Clean Air Act (42 U.S.C. 7409).

This attachment is divided into three parts. The first part comprises a table showing the levels, averaging times, and measurement methods for each of the State and national standards. This is followed by a section containing maps and tables showing the area designations for each pollutant for which there is a State standard in the California Code of Regulations, title 17, section 70200. The last section contains maps and tables showing the most current area designations for the national standards.

Ambient Air Quality Standards

(Updated 5/4/16)

Pollutant	Averaging Time	California Standards ¹		National Standards ²		
		Concentration ³	Method ⁴	Primary ^{3,5}	Secondary ^{3,6}	Method ⁷
Ozone (O ₃) ⁸	1 Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM10) ⁹	24 Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		—		
Fine Particulate Matter (PM2.5) ⁹	24 Hour	—	—	35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	12.0 µg/m³	15 µg/m³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m³)		9 ppm (10 mg/m³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m³)		—	—	
Nitrogen Dioxide (NO ₂) ¹⁰	1 Hour	0.18 ppm (339 µg/m³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)		0.053 ppm (100 µg/m³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ¹¹	1 Hour	0.25 ppm (655 µg/m³)	Ultraviolet Fluorescence	75 ppb (196 µg/m³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m³)	
	24 Hour	0.04 ppm (105 µg/m³)		0.14 ppm (for certain areas) ¹¹	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas) ¹¹	—	
Lead ^{12,13}	30 Day Average	1.5 µg/m³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m³ (for certain areas) ¹²	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m³		
Visibility Reducing Particles ¹⁴	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹²	24 Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

See footnotes on next page ...

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM₁₀, PM_{2.5}, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
4. Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
11. On June 2, 2010, a new 1-hour SO₂ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
14. In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

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Area Designations for the State Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a State standard set forth in the California Code of Regulations, title 17, section 60200. Each area is identified as attainment, nonattainment, nonattainment-transitional, or unclassified for each pollutant, as shown below:

Attainment	A
Nonattainment	N
Nonattainment-Transitional	NA-T
Unclassified	U

In general, CARB designates areas by air basin for pollutants with a regional impact and by county for pollutants with a more local impact. However, when there are areas within an air basin or county with distinctly different air quality deriving from sources and conditions not affecting the entire air basin or county, CARB may designate a smaller area. Generally, when boundaries of the designated area differ from the air basin or county boundaries, the description of the specific area is referenced at the bottom of the summary table.

FIGURE 1

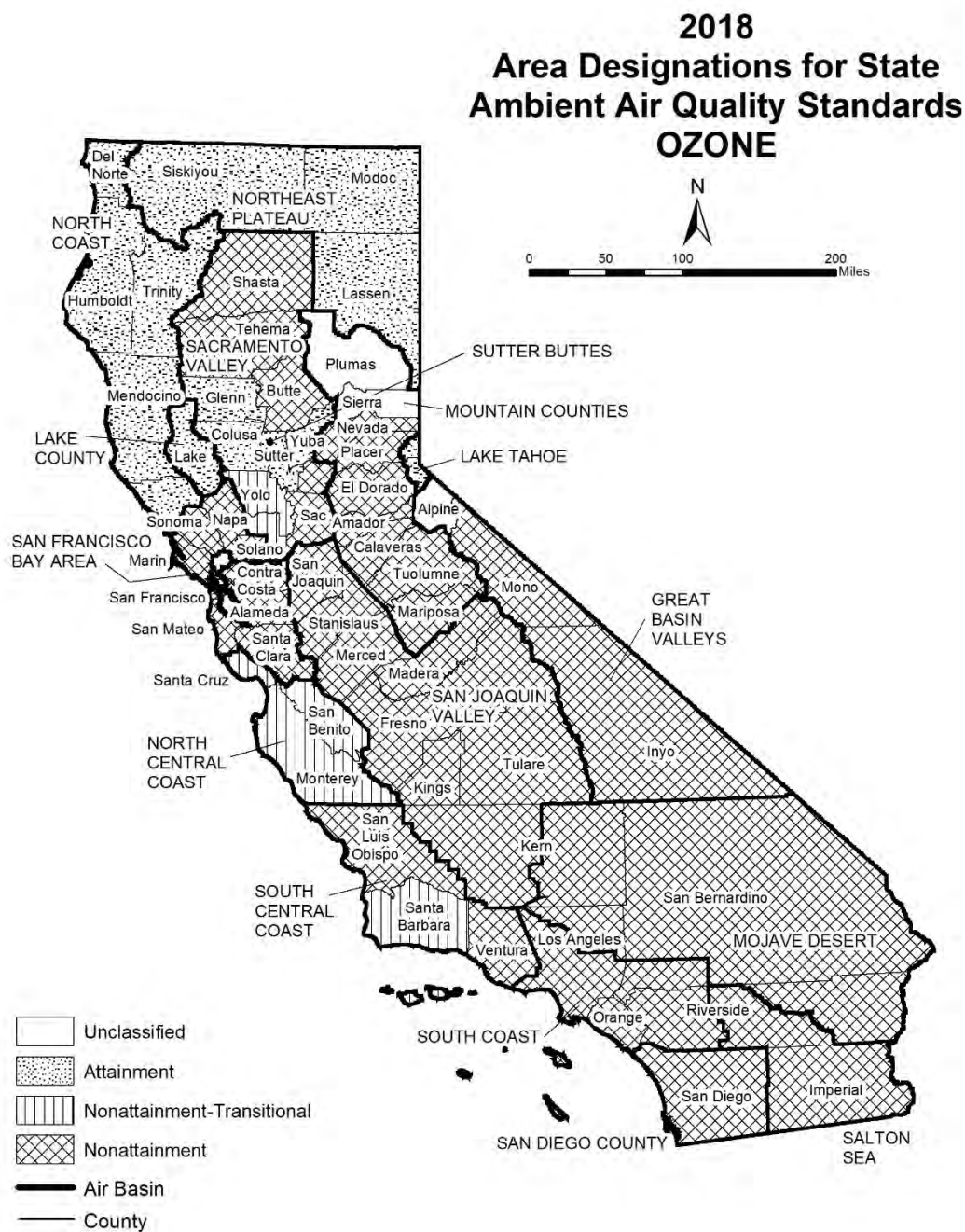


TABLE 1

**California Ambient Air Quality Standards
Area Designations for Ozone ⁽¹⁾**

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					NORTHEAST PLATEAU AIR BASIN				X
Alpine County			X		SACRAMENTO VALLEY AIR BASIN				
Inyo County	X				Colusa and Glenn Counties				X
Mono County	X				Sutter/Yuba Counties				
LAKE COUNTY AIR BASIN				X	Sutter Buttes	X			
LAKE TAHOE AIR BASIN				X	Remainder of Sutter County				X
MOJAVE DESERT AIR BASIN	X				Yuba County				X
MOUNTAIN COUNTIES AIR BASIN					Yolo/Solano Counties		X		
Amador County	X				Remainder of Air Basin	X			
Calaveras County	X				SALTON SEA AIR BASIN	X			
El Dorado County (portion)	X				SAN DIEGO AIR BASIN	X			
Mariposa County	X				SAN FRANCISCO BAY AREA AIR BASIN	X			
Nevada County	X				SAN JOAQUIN VALLEY AIR BASIN	X			
Placer County (portion)	X				SOUTH CENTRAL COAST AIR BASIN				
Plumas County			X		San Luis Obispo County	X			
Sierra County			X		Santa Barbara County		X		
Tuolumne County	X				Ventura County	X			
NORTH CENTRAL COAST AIR BASIN		X			SOUTH COAST AIR BASIN	X			
NORTH COAST AIR BASIN				X					

(1) AB 3048 (Olberg) and AB 2525 (Miller) signed into law in 1996, made changes to Health and Safety Code, section 40925.5. One of the changes allows nonattainment districts to become nonattainment-transitional for ozone by operation of law.

FIGURE 2

**2018
Area Designations for State
Ambient Air Quality Standards
PM₁₀**



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 2

**California Ambient Air Quality Standards
Area Designation for Suspended Particulate Matter (PM₁₀)**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN	X			NORTH CENTRAL COAST AIR BASIN	X		
LAKE COUNTY AIR BASIN			X	NORTH COAST AIR BASIN			
LAKE TAHOE AIR BASIN	X			Del Norte, Sonoma (portion) and Trinity Counties			X
MOJAVE DESERT AIR BASIN	X			Remainder of Air Basin	X		
MOUNTAIN COUNTIES AIR BASIN				NORTHEAST PLATEAU AIR BASIN			
Amador County		X		Siskiyou County			X
Calaveras County	X			Remainder of Air Basin		X	
El Dorado County (portion)	X			SACRAMENTO VALLEY AIR BASIN			
Mariposa County				Shasta County			X
- Yosemite National Park	X			Remainder of Air Basin	X		
- Remainder of County		X		SALTON SEA AIR BASIN	X		
Nevada County	X			SAN DIEGO AIR BASIN	X		
Placer County (portion)	X			SAN FRANCISCO BAY AREA AIR BASIN	X		
Plumas County	X			SAN JOAQUIN VALLEY AIR BASIN	X		
Sierra County	X			SOUTH CENTRAL COAST AIR BASIN	X		
Tuolumne County		X		SOUTH COAST AIR BASIN	X		

**2018
Area Designations for State
Ambient Air Quality Standards
PM_{2.5}**

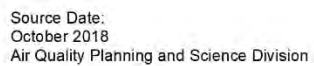


TABLE 3

**California Ambient Air Quality Standards
Area Designations for Fine Particulate Matter (PM_{2.5})**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SALTON SEA AIR BASIN			
LAKE COUNTY AIR BASIN			X	Imperial County			
LAKE TAHOE AIR BASIN			X	- City of Calexico (3)	X		
MOJAVE DESERT AIR BASIN				Remainder of Air Basin			X
San Bernardino County				SAN DIEGO AIR BASIN	X		
- County portion of federal Southeast Desert Modified AQMA for Ozone (1)			X	SAN FRANCISCO BAY AREA AIR BASIN	X		
				SAN JOAQUIN VALLEY AIR BASIN	X		
Remainder of Air Basin		X		SOUTH CENTRAL COAST AIR BASIN			
MOUNTAIN COUNTIES AIR BASIN				San Luis Obispo County			X
Plumas County				Santa Barbara County		X	
- Portola Valley (2)	X			Ventura County			X
Remainder of Air Basin		X		SOUTH COAST AIR BASIN	X		
NORTH CENTRAL COAST AIR BASIN			X				
NORTH COAST AIR BASIN			X				
NORTHEAST PLATEAU AIR BASIN			X				
SACRAMENTO VALLEY AIR BASIN							
Butte County	X						
Colusa County			X				
Glenn County			X				
Placer County (portion)			X				
Sacramento County			X				
Shasta County			X				
Sutter and Yuba Counties			X				
Remainder of Air Basin		X					

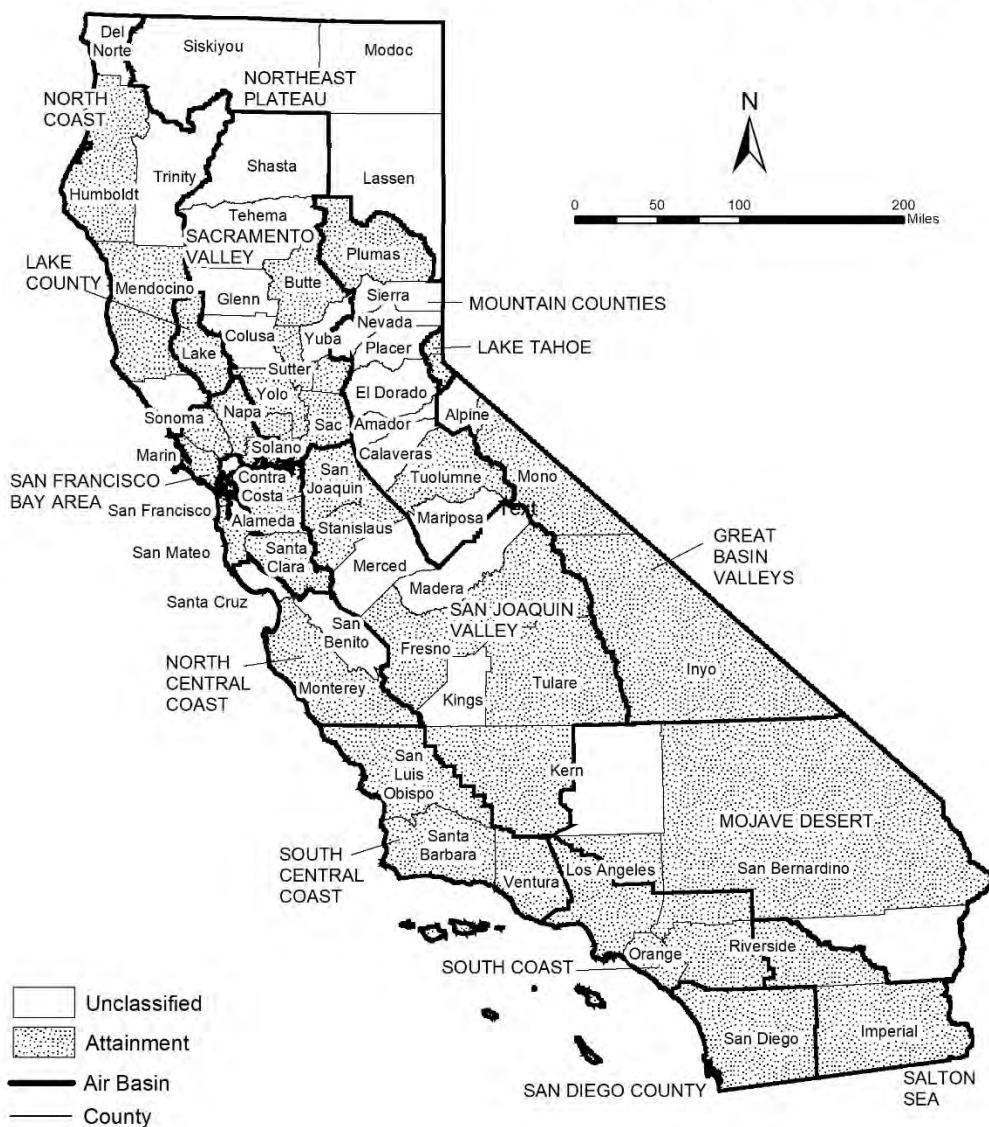
(1) California Code of Regulations, title 17, section 60200(b)

(2) California Code of Regulations, title 17, section 60200(c)

(3) California Code of Regulations, title 17, section 60200(a)

FIGURE 4

2018
Area Designations for State
Ambient Air Quality Standards
CARBON MONOXIDE



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 4

**California Ambient Air Quality Standards
Area Designation for Carbon Monoxide***

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					SACRAMENTO VALLEY AIR BASIN				
Alpine County			X		Butte County				X
Inyo County				X	Colusa County			X	
Mono County				X	Glenn County			X	
LAKE COUNTY AIR BASIN				X	Placer County (portion)				X
LAKE TAHOE AIR BASIN				X	Sacramento County				X
MOJAVE DESERT AIR BASIN					Shasta County			X	
Kern County (portion)			X		Solano County (portion)				X
Los Angeles County (portion)				X	Sutter County				X
Riverside County (portion)			X		Tehama County			X	
San Bernardino County (portion)				X	Yolo County				X
MOUNTAIN COUNTIES AIR BASIN					Yuba County			X	
Amador County			X		SALTON SEA AIR BASIN				X
Calaveras County			X		SAN DIEGO AIR BASIN				X
El Dorado County (portion)			X		SAN FRANCISCO BAY AREA AIR BASIN				X
Mariposa County			X		SAN JOAQUIN VALLEY AIR BASIN				
Nevada County			X		Fresno County				X
Placer County (portion)			X		Kern County (portion)				X
Plumas County				X	Kings County			X	
Sierra County			X		Madera County			X	
Tuolumne County				X	Merced County			X	
NORTH CENTRAL COAST AIR BASIN					San Joaquin County				X
Monterey County				X	Stanislaus County				X
San Benito County			X		Tulare County				X
Santa Cruz County			X		SOUTH CENTRAL COAST AIR BASIN				X
NORTH COAST AIR BASIN					SOUTH COAST AIR BASIN				X
Del Norte County			X						
Humboldt County				X					
Mendocino County				X					
Sonoma County (portion)			X						
Trinity County			X						
NORTHEAST PLATEAU AIR BASIN			X						

* The area designated for carbon monoxide is a county or portion of a county

FIGURE 5

2018
Area Designations for State
Ambient Air Quality Standards
NITROGEN DIOXIDE



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 5

**California Ambient Air Quality Standards
Area Designation for Nitrogen Dioxide**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SACRAMENTO VALLEY AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN DIEGO AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH COAST AIR BASIN			X	SOUTH COAST AIR BASIN			
NORTHEAST PLATEAU AIR BASIN			X	CA 60 Near-road Portion of San Bernardino, Riverside, and Los Angeles Counties	X		
				Remainder of Air Basin			X

FIGURE 6



TABLE 6**California Ambient Air Quality Standards
Area Designation for Sulfur Dioxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN		X
LAKE COUNTY AIR BASIN		X	SALTON SEA AIR BASIN		X
LAKE TAHOE AIR BASIN		X	SAN DIEGO AIR BASIN		X
MOJAVE DESERT AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X			

* The area designated for sulfur dioxide is a county or portion of a county

**2018
Area Designations for State
Ambient Air Quality Standards
SULFATES**

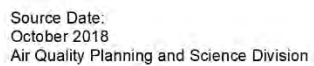


TABLE 7**California Ambient Air Quality Standards
Area Designation for Sulfates**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SACRAMENTO VALLEY AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN DIEGO AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH COAST AIR BASIN			X	SOUTH COAST AIR BASIN			X
NORTHEAST PLATEAU AIR BASIN			X				

FIGURE 8

**2018
Area Designations for State
Ambient Air Quality Standards
LEAD**



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 8

**California Ambient Air Quality Standards
Area Designations for Lead (particulate)***

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SAN DIEGO AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH COAST AIR BASIN			X
NORTH COAST AIR BASIN			X				
NORTHEAST PLATEAU AIR BASIN			X				
SACRAMENTO VALLEY AIR BASIN			X				

* The area designated for lead is a county or portion of a county. Since all areas in the State are in attainment for this standard, air basins are indicated here for simplicity.

FIGURE 9

2018
Area Designations for State
Ambient Air Quality Standards
HYDROGEN SULFIDE



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 9

**California Ambient Air Quality Standards
Area Designation for Hydrogen Sulfide***

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					NORTH CENTRAL COAST AIR BASIN			X	
Alpine County			X		NORTH COAST AIR BASIN				
Inyo County				X	Del Norte County			X	
Mono County				X	Humboldt County				X
LAKE COUNTY AIR BASIN				X	Mendocino County			X	
LAKE TAHOE AIR BASIN			X		Sonoma County (portion)				
MOJAVE DESERT AIR BASIN					- Geyser Geothermal Area (2)				X
Kern County (portion)			X		- Remainder of County			X	
Los Angeles County (portion)			X		Trinity County			X	
Riverside County (portion)			X		NORTHEAST PLATEAU AIR BASIN			X	
San Bernardino County (portion)					SACRAMENTO VALLEY AIR BASIN			X	
- Searles Valley Planning Area (1)	X				SALTON SEA AIR BASIN			X	
- Remainder of County			X		SAN DIEGO AIR BASIN			X	
MOUNTAIN COUNTIES AIR BASIN					SAN FRANCISCO BAY AREA AIR BASIN			X	
Amador County					SAN JOAQUIN VALLEY AIR BASIN			X	
- City of Sutter Creek	X				SOUTH CENTRAL COAST AIR BASIN				
- Remainder of County			X		San Luis Obispo County				X
Calaveras County			X		Santa Barbara County				X
El Dorado County (portion)			X		Ventura County			X	
Mariposa County			X		SOUTH COAST AIR BASIN			X	
Nevada County			X						
Placer County (portion)			X						
Plumas County			X						
Sierra County			X						
Tuolumne County			X						

* The area designated for hydrogen sulfide is a county or portion of a county

(1) 52 Federal Register 29384 (August 7, 1987)

(2) California Code of Regulations, title 17, section 60200(d)

2018
Area Designations for State
Ambient Air Quality Standards
VISIBILITY REDUCING PARTICLES

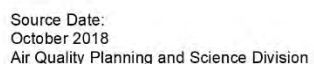


TABLE 10

**California Ambient Air Quality Standards
Area Designation for Visibility Reducing Particles**

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN			X		SACRAMENTO VALLEY AIR BASIN			X	
LAKE COUNTY AIR BASIN				X	SALTON SEA AIR BASIN			X	
LAKE TAHOE AIR BASIN			X		SAN DIEGO AIR BASIN			X	
MOJAVE DESERT AIR BASIN			X		SAN FRANCISCO BAY AREA AIR BASIN			X	
MOUNTAIN COUNTIES AIR BASIN			X		SAN JOAQUIN VALLEY AIR BASIN			X	
NORTH CENTRAL COAST AIR BASIN			X		SOUTH CENTRAL COAST AIR BASIN			X	
NORTH COAST AIR BASIN			X		SOUTH COAST AIR BASIN			X	
NORTHEAST PLATEAU AIR BASIN			X						

Area Designations for the National Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a national ambient air quality standard. Additional information about the federal area designations is available on the U.S. EPA website:

<https://www.epa.gov/green-book>

Over the last several years, U.S. EPA has been reviewing the levels of the various national standards. The agency has already promulgated new standard levels for some pollutants and is considering revising the levels for others. Information about the status of these reviews is available on the U.S. EPA website:

<https://www.epa.gov/criteria-air-pollutants>

Designation Categories

Suspended Particulate Matter (PM₁₀). The U.S. EPA uses three categories to designate areas with respect to PM₁₀:

- Attainment
- Nonattainment
- Unclassifiable

Ozone, Fine Suspended Particulate Matter (PM_{2.5}), Carbon Monoxide (CO), and Nitrogen Dioxide (NO₂). The U.S. EPA uses two categories to designate areas with respect to these standards:

- Nonattainment
- Unclassifiable/Attainment

The national 1-hour ozone standard was revoked effective June 15, 2005, and the area designations map reflects the 2015 national 8-hour ozone standard of 0.070 ppm. Original designations were finalized on August 3, 2018.

On December 14, 2012, the U.S. EPA established a new national annual primary PM_{2.5} standard of 12.0 µg/m³. New area designations reflecting this revised standard became final in December 2014. The current designation map reflects the most recently revised (2012) annual average standard of 12.0 µg/m³ as well as the 24-hour standard of 35 µg/m³, revised in 2006.

On January 22, 2010, the U.S. EPA established a new national 1-hour NO₂ standard of 100 parts per billion (ppb) and retained the annual average standard of 53 ppb. Designations for the primary NO₂ standard became effective on February 29, 2012. All areas of California meet this standard.

Sulfur Dioxide (SO₂). The U.S. EPA uses three categories to designate areas with respect to the 24-hour and annual average sulfur dioxide standards. These designation categories are:

- Nonattainment,
- Unclassifiable, and
- Attainment/Unclassifiable.

On June 2, 2010, the U.S. EPA established a new primary 1-hour SO₂ standard of 75 parts per billion (ppb). At the same time, U.S. EPA revoked the 24-hour and annual

average standards. Area designations for the 1-hour SO₂ standard were finalized on December 21, 2017 and are reflected in the area designations map.

Lead (particulate). The U.S. EPA promulgated a new rolling 3-month average lead standard in October 2008 of 0.15 µg/m³. Designations were made for this standard in November 2010.

Designation Areas

From time to time, the boundaries of the California air basins have been changed to facilitate the planning process. CARB generally initiates these changes, and they are not always reflected in the U.S. EPA's area designations. For purposes of consistency, the maps in this attachment reflect area designation boundaries and nomenclature as promulgated by the U.S. EPA. In some cases, these may not be the same as those adopted by CARB. For example, the national area designations reflect the former Southeast Desert Air Basin. In accordance with Health and Safety Code section 39606.1, CARB redefined this area in 1996 to be the Mojave Desert Air Basin and Salton Sea Air Basin. The definitions and boundaries for all areas designated for the national standards can be found in Title 40, Code of Federal Regulations (CFR), Chapter I, Subchapter C, Part 81.305. They are available on the web at:

https://ecfr.io/Title-40/se40.20.81_1305

FIGURE 11



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 11

**National Ambient Air Quality Standards
Area Designations for 8-Hour Ozone***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN (cont.)		
LAKE COUNTY AIR BASIN		X	Yolo County (2)	X	
LAKE TAHOE AIR BASIN		X	Yuba County		X
MOUNTAIN COUNTIES AIR BASIN			SAN DIEGO COUNTY	X	
Amador County	X		SAN FRANCISCO BAY AREA AIR BASIN	X	
Calaveras County	X		SAN JOAQUIN VALLEY AIR BASIN	X	
El Dorado County (portion) (2)	X		SOUTH CENTRAL COAST AIR BASIN (1)		
Mariposa County	X		San Luis Obispo County		
Nevada County			- Eastern San Luis Obispo County	X	
- Western Nevada County	X		- Remainder of County		X
- Remainder of County		X	Santa Barbara County		X
Placer County (portion) (2)	X		Ventura County		
Plumas County		X	- Area excluding Anacapa and San Nicolas Islands	X	
Sierra County		X	- Channel Islands (1)		X
Tuolumne County	X		SOUTH COAST AIR BASIN (1)	X	
NORTH CENTRAL COAST AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		
NORTH COAST AIR BASIN		X	Kern County (portion)	X	
NORTHEAST PLATEAU AIR BASIN		X	- Indian Wells Valley		X
SACRAMENTO VALLEY AIR BASIN			Imperial County	X	
Butte County	X		Los Angeles County (portion)	X	
Colusa County		X	Riverside County (portion)		
Glenn County		X	- Coachella Valley	X	
Sacramento Metro Area (2)	X		- Non-AQMA portion		X
Shasta County		X	San Bernardino County		
Sutter County			- Western portion (AQMA)	X	
- Sutter Buttes	X		- Eastern portion (non-AQMA)		X
- Southern portion of Sutter County (2)	X				
- Remainder of Sutter County		X			
Tehama County					
- Tuscan Buttes	X				
- Remainder of Tehama County		X			

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

NOTE: This map and table reflect the 2015 8-hour ozone standard of 0.070 ppm.

(1) South Central Coast Air Basin Channel Islands:

Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.

Ventura County includes Anacapa and San Nicolas Islands.

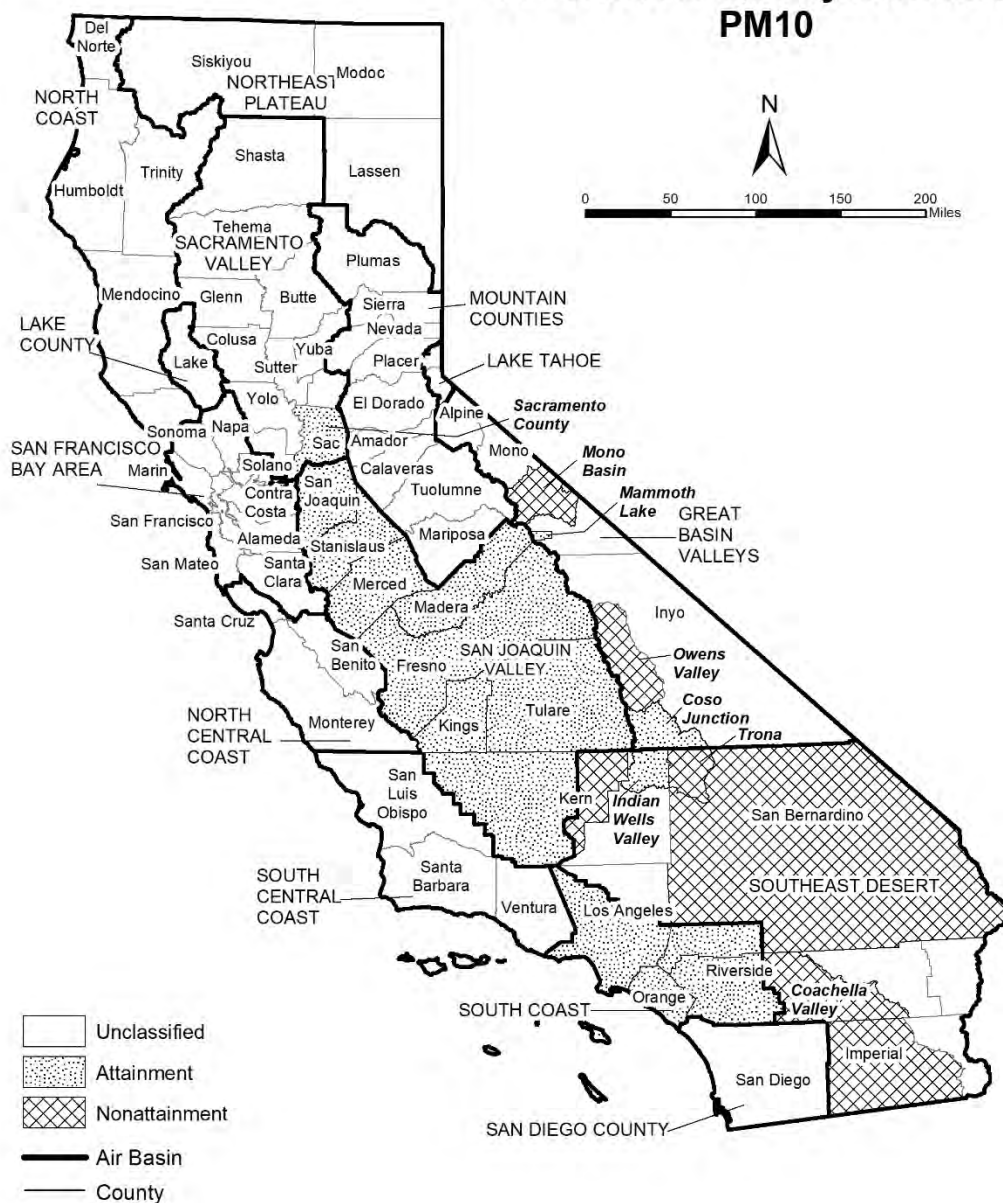
South Coast Air Basin:

Los Angeles County includes San Clemente and Santa Catalina Islands.

(2) For this purpose, the Sacramento Metro Area comprises all of Sacramento and Yolo Counties, the Sacramento Valley Air Basin portion of Solano County, the southern portion of Sutter County, and the Sacramento Valley and Mountain Counties Air Basins portions of Placer and El Dorado counties.

FIGURE 12

Area Designations for National Ambient Air Quality Standards PM10



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 12

**National Ambient Air Quality Standards
Area Designations for Suspended Particulate Matter (PM10)***

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN				SAN DIEGO COUNTY		X	
Alpine County		X		SAN FRANCISCO BAY AREA AIR BASIN		X	
Inyo County				SAN JOAQUIN VALLEY AIR BASIN			X
- Owens Valley Planning Area	X			SOUTH CENTRAL COAST AIR BASIN		X	
- Coso Junction			X	SOUTH COAST AIR BASIN			X
- Remainder of County		X		SOUTHEAST DESERT AIR BASIN			
Mono County				Eastern Kern County			
- Mammoth Lake Planning Area			X	- Indian Wells Valley			X
- Mono Lake Basin	X			- Portion within San Joaquin Valley Planning Area	X		
- Remainder of County		X		- Remainder of County		X	
LAKE COUNTY AIR BASIN		X		Imperial County			
LAKE TAHOE AIR BASIN		X		- Imperial Valley Planning Area	X		
MOUNTAIN COUNTIES AIR BASIN				- Remainder of County		X	
Placer County (portion) (2)		X		Los Angeles County (portion)		X	
Remainder of Air Basin		X		Riverside County (portion)			
NORTH CENTRAL COAST AIR BASIN		X		- Coachella Valley (3)	X		
NORTH COAST AIR BASIN		X		- Non-AQMA portion		X	
NORTHEAST PLATEAU AIR BASIN		X		San Bernardino County			
SACRAMENTO VALLEY AIR BASIN				- Trona	X		
Butte County		X		- Remainder of County	X		
Colusa County		X					
Glenn County		X					
Placer County (portion) (2)		X					
Sacramento County (1)			X				
Shasta County		X					
Solano County (portion)		X					
Sutter County		X					
Tehama County		X					
Yolo County		X					
Yuba County		X					

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

(1) Air quality in Sacramento County meets the national PM10 standards. The request for redesignation to attainment was approved by U.S. EPA in September 2013.

(2) U.S. EPA designation puts the Sacramento Valley Air Basin portion of Placer County in the Mountain Counties Air Basin.

(3) Air quality in Coachella Valley meets the national PM10 standards. A request for redesignation to attainment has been submitted to U.S. EPA.

FIGURE 13

Area Designations for National Ambient Air Quality Standards PM2.5



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 13

**National Ambient Air Quality Standards
Area Designations for Fine Particulate Matter (PM2.5)***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE COUNTY AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN (2)	X	
LAKE TAHOE AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN	X	
MOUNTAIN COUNTIES AIR BASIN			SOUTH CENTRAL COAST AIR BASIN		X
Plumas County			SOUTH COAST AIR BASIN (3)	X	
- Portola Valley Portion of Plumas	X		SOUTHEAST DESERT AIR BASIN		
- Remainder of Plumas County		X	Imperial County (portion) (4)	X	
Remainder of Air Basin		X	Remainder of Air Basin		X
NORTH CENTRAL COAST AIR BASIN		X			
NORTH COAST AIR BASIN		X			
NORTHEAST PLATEAU AIR BASIN		X			
SACRAMENTO VALLEY AIR BASIN					
Sacramento Metro Area (1)	X				
Sutter County		X			
Yuba County (portion)		X			
Remainder of Air Basin		X			

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305. This map reflects the 2006 24-hour PM2.5 standard as well as the 1997 and 2012 PM2.5 annual standards.

(1) For this purpose, Sacramento Metro Area comprises all of Sacramento and portions of El Dorado, Placer, Solano, and Yolo Counties. Air quality in this area meets the national PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

(2) Air quality in this area meets the national PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

(3) Those lands of the Santa Rosa Band of Cahulla Mission Indians in Riverside County are designated Unclassifiable/Attainment.

(4) That portion of Imperial County encompassing the urban and surrounding areas of Brawley, Calexico, El Centro, Heber, Holtville, Imperial, Seeley, and Westmorland. Air quality in this area meets the national PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

FIGURE 14



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 14**National Ambient Air Quality Standards
Area Designations for Carbon Monoxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN		X
LAKE COUNTY AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE TAHOE AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		X

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

FIGURE 15



TABLE 15**National Ambient Air Quality Standards
Area Designations for Nitrogen Dioxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN		X
LAKE COUNTY AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE TAHOE AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		X

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

FIGURE 16



TABLE 16

**National Ambient Air Quality Standards
Area Designations for Sulfur Dioxide***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		
LAKE COUNTY AIR BASIN		X	San Luis Obispo County		X
LAKE TAHOE AIR BASIN		X	Santa Barbara County		X
MOUNTAIN COUNTIES AIR BASIN		X	Ventura County		X
NORTH CENTRAL COAST AIR BASIN		X	Channel Islands (1)		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		
SACRAMENTO VALLEY AIR BASIN		X	Imperial County		X
SAN DIEGO COUNTY		X	Remainder of Air Basin		X
SAN FRANCISCO BAY AREA AIR BASIN		X			
SAN JOAQUIN VALLEY AIR BASIN					
Fresno County		X			
Kern County (portion)		X			
Kings County		X			
Madera County		X			
Merced County		X			
San Joaquin County		X			
Stanislaus County		X			
Tulare County		X			

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

NOTE: This map and table reflect the 2010 1-hour SO₂ standard of 75 ppb.

(1) South Central Coast Air Basin Channel Islands:

Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.

Ventura County includes Anacapa and San Nicolas Islands.

Note that the San Clemente and Santa Catalina Islands are considered part of Los Angeles County, and therefore, are included as part of the South Coast Air Basin.

FIGURE 17

Area Designations for National Ambient Air Quality Standards LEAD



TABLE 17

**National Ambient Air Quality Standards
Area Designations for Lead (particulate)**

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE COUNTY AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
LAKE TAHOE AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH COAST AIR BASIN		
NORTH COAST AIR BASIN		X	Los Angeles County (portion) (1)	X	
NORTHEAST PLATEAU AIR BASIN		X	Remainder of Air Basin		X
SACRAMENTO VALLEY AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		X

(1) Portion of County in Air Basin, not including Channel Islands

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APPENDIX 5.1:

CALEEMOD CONSTRUCTION (UNMITIGATED) EMISSIONS MODEL OUTPUTS (PROPOSED PROJECT LAND USES)

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

Meridian South Campus (Construction - Unmitigated)
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.11	Acre	90.11	3,925,017.36	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Construction Schedule adjusted to meet the 2024 Opening Year.

Off-road Equipment - Hours based on an 8-hour workday.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment -

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Trips and VMT - CalEEMod default worker/vendor trips assumes construction to occur concurrently. As this is an unlikely scenario, the analysis assumes 1/2 the CalEEMod default trips.

Grading - For purposes of analysis, it is assumed that up to 10 acres will be disturbed per day.

Architectural Coating - Rule 1113

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - Rule 403

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	120.00	75.00
tblConstructionPhase	NumDays	310.00	100.00
tblConstructionPhase	NumDays	3,100.00	750.00
tblConstructionPhase	NumDays	220.00	110.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblConstructionPhase	PhaseEndDate	6/18/2021	4/16/2021
tblConstructionPhase	PhaseEndDate	8/26/2022	9/3/2021
tblConstructionPhase	PhaseEndDate	7/14/2034	7/19/2024
tblConstructionPhase	PhaseEndDate	3/21/2036	7/19/2024
tblConstructionPhase	PhaseEndDate	5/18/2035	7/19/2024
tblConstructionPhase	PhaseStartDate	6/19/2021	4/17/2021
tblConstructionPhase	PhaseStartDate	8/27/2022	9/4/2021
tblConstructionPhase	PhaseStartDate	5/19/2035	9/16/2023
tblConstructionPhase	PhaseStartDate	7/15/2034	2/18/2024
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	8.14	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	22.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	48.51	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	6.61	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	6.07	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	2.92	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	12.65	0.00
tblEnergyUse	T24NG	2.00	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	350.00	1,000.00
tblGrading	AcresOfGrading	150.00	750.00
tblLandUse	LandUseSquareFeet	388,010.00	388,011.00
tblLandUse	LandUseSquareFeet	529,250.00	529,254.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblLandUse	LandUseSquareFeet	274,440.00	274,437.00
tblLandUse	LandUseSquareFeet	3,925,191.60	3,925,017.36

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblLandUse	LandUseSquareFeet	221,390.00	221,394.00
tblLandUse	LandUseSquareFeet	61,340.00	61,336.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	0.53	0.00
tblSolidWaste	SolidWasteGenerationRate	360.85	0.00
tblSolidWaste	SolidWasteGenerationRate	492.20	0.00
tblSolidWaste	SolidWasteGenerationRate	658.00	0.00
tblSolidWaste	SolidWasteGenerationRate	752.00	0.00
tblSolidWaste	SolidWasteGenerationRate	232.46	0.00
tblSolidWaste	SolidWasteGenerationRate	345.96	0.00
tblSolidWaste	SolidWasteGenerationRate	1,160.83	0.00
tblSolidWaste	SolidWasteGenerationRate	257.97	0.00
tblTripsAndVMT	VendorTripNumber	1,377.00	690.00
tblTripsAndVMT	WorkerTripNumber	3,410.00	1,706.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51

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tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09

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tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003

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tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26

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tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003

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tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23

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tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003

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tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71

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tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003

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tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08

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tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20

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tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04

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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81

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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57

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tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05

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tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02

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tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003

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tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

[illegible]

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	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	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	82.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	54.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	68,962,471.56	0.00
tblWater	IndoorWaterUseRate	94,065,586.13	0.00
tblWater	IndoorWaterUseRate	161,875,000.00	0.00
tblWater	IndoorWaterUseRate	185,000,000.00	0.00
tblWater	IndoorWaterUseRate	16,398,915.53	0.00
tblWater	IndoorWaterUseRate	7,561,272.30	0.00
tblWater	IndoorWaterUseRate	285,577,562.50	0.00
tblWater	IndoorWaterUseRate	63,464,250.00	0.00
tblWater	OutdoorWaterUseRate	7,387,184.37	0.00
tblWater	OutdoorWaterUseRate	42,267,321.28	0.00
tblWater	OutdoorWaterUseRate	57,653,101.17	0.00
tblWater	OutdoorWaterUseRate	10,050,948.23	0.00
tblWater	OutdoorWaterUseRate	233,853.78	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

2.0 Emissions Summary**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	12.8126	102.4257	92.6603	0.4041	28.8725	2.6472	31.5196	11.1291	2.4354	13.5645	0.0000	41,133.40 07	41,133.40 07	2.9029	0.0000	41,205.97 22
2022	11.8636	94.1528	86.4422	0.3958	23.4872	1.4858	24.9730	6.3293	1.3876	7.7168	0.0000	40,305.30 30	40,305.30 30	2.7818	0.0000	40,374.84 67
2023	107.5336	78.4758	104.2546	0.4558	31.1102	1.4064	32.5165	8.3509	1.3178	9.6687	0.0000	46,246.39 77	46,246.39 77	2.6016	0.0000	46,311.438 0
2024	109.9739	85.3045	114.0986	0.4708	31.2777	1.7540	33.0316	8.3953	1.6345	10.0298	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 62
Maximum	109.9739	102.4257	114.0986	0.4708	31.2777	2.6472	33.0316	11.1291	2.4354	13.5645	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 62

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	12.8126	102.4257	92.6603	0.4041	23.4874	2.6472	25.1975	6.3293	2.4354	7.9265	0.0000	41,133.40 07	41,133.40 07	2.9029	0.0000	41,205.97 22
2022	11.8636	94.1528	86.4422	0.3958	23.4872	1.4858	24.9730	6.3293	1.3876	7.7168	0.0000	40,305.30 29	40,305.30 29	2.7818	0.0000	40,374.84 67
2023	107.5336	78.4758	104.2546	0.4558	31.1102	1.4064	32.5165	8.3509	1.3178	9.6687	0.0000	46,246.39 77	46,246.39 77	2.6016	0.0000	46,311.438 0
2024	109.9739	85.3045	114.0986	0.4708	31.2777	1.7540	33.0316	8.3953	1.6345	10.0298	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 61
Maximum	109.9739	102.4257	114.0986	0.4708	31.2777	2.6472	33.0316	8.3953	2.4354	10.0298	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 61

	ROG	NOx	CO	SO2	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	4.69	0.00	5.18	14.03	0.00	13.76	0.00	0.00	0.00	0.00	0.00	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	Site Preparation	Site Preparation	1/4/2021	4/16/2021	5	75	
2	Grading	Grading	4/17/2021	9/3/2021	5	100	
3	Building Construction	Building Construction	9/4/2021	7/19/2024	5	750	
4	Paving	Paving	2/18/2024	7/19/2024	5	110	
5	Architectural Coating	Architectural Coating	9/16/2023	7/19/2024	5	220	

Acres of Grading (Site Preparation Phase): 750**Acres of Grading (Grading Phase): 1000****Acres of Paving: 90.11****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,314,037; Non-Residential Outdoor: 2,104,679; Striped Parking Area: 235,501 (Architectural Coating – sqft)****OffRoad Equipment**

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Crawler Tractors	4	8.00	212	0.43
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Crawler Tractors	2	8.00	212	0.43
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	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Crawler Tractors	3	8.00	212	0.43
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
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	1,706.00	690.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	682.00	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

Water Exposed Area

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					28.6713	0.0000	28.6713	11.0758	0.0000	11.0758			0.0000			0.0000
Off-Road	5.3428	60.7861	21.8537	0.0570		2.6460	2.6460		2.4343	2.4343		5,523.5047	5,523.5047	1.7864		5,568.1651
Total	5.3428	60.7861	21.8537	0.0570	28.6713	2.6460	31.3173	11.0758	2.4343	13.5101		5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694
Total	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.1818	0.0000	11.1818	4.3196	0.0000	4.3196			0.0000			0.0000
Off-Road	5.3428	60.7861	21.8537	0.0570		2.6460	2.6460		2.4343	2.4343	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651
Total	5.3428	60.7861	21.8537	0.0570	11.1818	2.6460	13.8278	4.3196	2.4343	6.7539	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694
Total	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.6271	0.0000	16.6271	4.4553	0.0000	4.4553			0.0000			0.0000
Off-Road	4.9185	56.5443	31.2281	0.0715		2.2861	2.2861		2.1032	2.1032		6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	4.9185	56.5443	31.2281	0.0715	16.6271	2.2861	18.9132	4.4553	2.1032	6.5585		6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4846	0.0000	6.4846	1.7376	0.0000	1.7376			0.0000			0.0000
Off-Road	4.9185	56.5443	31.2281	0.0715		2.2861	2.2861		2.1032	2.1032	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	4.9185	56.5443	31.2281	0.0715	6.4846	2.2861	8.7707	1.7376	2.1032	3.8408	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771

3.4 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520
Total	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6109	63.8520	11.3923	0.1788	4.4183	0.1215	4.5398	1.2721	0.1162	1.3883		18,854.3205	18,854.3205	1.3488		18,888.0416
Worker	8.0881	4.6077	63.0728	0.1823	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		18,164.6505	18,164.6505	0.4331		18,175.4786
Total	9.6989	68.4597	74.4651	0.3611	23.4874	0.2338	23.7212	6.3293	0.2196	6.5490		37,018.9710	37,018.9710	1.7820		37,063.5202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775	0.0000	4,114.4297	4,114.4297	1.1209		4,142.4520
Total	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775	0.0000	4,114.4297	4,114.4297	1.1209		4,142.4520

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6109	63.8520	11.3923	0.1788	4.4183	0.1215	4.5398	1.2721	0.1162	1.3883		18,854.3205	18,854.3205	1.3488		18,888.0416
Worker	8.0881	4.6077	63.0728	0.1823	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		18,164.6505	18,164.6505	0.4331		18,175.4786
Total	9.6989	68.4597	74.4651	0.3611	23.4874	0.2338	23.7212	6.3293	0.2196	6.5490		37,018.9710	37,018.9710	1.7820		37,063.5202

3.4 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.5322	4,110.5322	1.1153		4,138.4135
Total	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.5322	4,110.5322	1.1153		4,138.4135

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5020	60.2425	10.5961	0.1772	4.4181	0.1021	4.5202	1.2720	0.0977	1.3697		18,693.83 73	18,693.83 73	1.2775		18,725.77 36
Worker	7.5653	4.1466	58.1763	0.1756	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		17,500.93 34	17,500.93 34	0.3891		17,510.65 97
Total	9.0674	64.3891	68.7725	0.3528	23.4872	0.2115	23.6987	6.3293	0.1984	6.5276		36,194.77 08	36,194.77 08	1.6665		36,236.43 32

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892	0.0000	4,110.5322	4,110.5322	1.1153		4,138.413 5
Total	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892	0.0000	4,110.532 2	4,110.532 2	1.1153		4,138.413 5

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5020	60.2425	10.5961	0.1772	4.4181	0.1021	4.5202	1.2720	0.0977	1.3697		18,693.8373	18,693.8373	1.2775		18,725.7736
Worker	7.5653	4.1466	58.1763	0.1756	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		17,500.9334	17,500.9334	0.3891		17,510.6597
Total	9.0674	64.3891	68.7725	0.3528	23.4872	0.2115	23.6987	6.3293	0.1984	6.5276		36,194.7708	36,194.7708	1.6665		36,236.4332

3.4 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.2392	4,108.2392	1.1101		4,135.9924
Total	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.2392	4,108.2392	1.1101		4,135.9924

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1521	45.2998	9.3396	0.1724	4.4180	0.0456	4.4635	1.2720	0.0436	1.3155		18,196.64 87	18,196.64 87	0.9802		18,221.15 45
Worker	7.0934	3.7394	53.6898	0.1689	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		16,835.85 23	16,835.85 23	0.3492		16,844.58 23
Total	8.2454	49.0392	63.0294	0.3413	23.4870	0.1524	23.6394	6.3292	0.1419	6.4711		35,032.50 10	35,032.50 10	1.3294		35,065.73 69

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4
Total	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1521	45.2998	9.3396	0.1724	4.4180	0.0456	4.4635	1.2720	0.0436	1.3155		18,196.64 87	18,196.64 87	0.9802		18,221.15 45
Worker	7.0934	3.7394	53.6898	0.1689	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		16,835.85 23	16,835.85 23	0.3492		16,844.58 23
Total	8.2454	49.0392	63.0294	0.3413	23.4870	0.1524	23.6394	6.3292	0.1419	6.4711		35,032.50 10	35,032.50 10	1.3294		35,065.73 69

3.4 Building Construction - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8
Total	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1298	45.0539	9.0220	0.1717	4.4178	0.0454	4.4632	1.2719	0.0434	1.3153		18,125.4608	18,125.4608	0.9590		18,149.4345
Worker	6.6850	3.3910	50.3419	0.1629	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		16,234.8327	16,234.8327	0.3184		16,242.7935
Total	7.8148	48.4450	59.3639	0.3345	23.4869	0.1511	23.6379	6.3291	0.1406	6.4698		34,360.2935	34,360.2935	1.2774		34,392.2280

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358
Total	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1298	45.0539	9.0220	0.1717	4.4178	0.0454	4.4632	1.2719	0.0434	1.3153		18,125.46 08	18,125.46 08	0.9590		18,149.43 45
Worker	6.6850	3.3910	50.3419	0.1629	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		16,234.83 27	16,234.83 27	0.3184		16,242.79 35
Total	7.8148	48.4450	59.3639	0.3345	23.4869	0.1511	23.6379	6.3291	0.1406	6.4698		34,360.29 35	34,360.29 35	1.2774		34,392.22 80

3.5 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	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1344	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.5 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147
Total	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1344	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.5 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147
Total	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147

3.6 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	93.9007	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.6 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.3935	6,730.3935	0.1396		6,733.8834
Total	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.3935	6,730.3935	0.1396		6,733.8834

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	93.9007	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.6 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.393 5	6,730.393 5	0.1396		6,733.883 4
Total	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.393 5	6,730.393 5	0.1396		6,733.883 4

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	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	93.8861	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.6 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090
Total	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923
Total	93.8861	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

3.6 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090
Total	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090

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

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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		
Office Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Office Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	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
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****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**

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Summer

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

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

Meridian South Campus (Construction - Unmitigated)
Riverside-South Coast County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.11	Acre	90.11	3,925,017.36	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Construction Schedule adjusted to meet the 2024 Opening Year.

Off-road Equipment - Hours based on an 8-hour workday.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment -

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Trips and VMT - CalEEMod default worker/vendor trips assumes construction to occur concurrently. As this is an unlikely scenario, the analysis assumes 1/2 the CalEEMod default trips.

Grading - For purposes of analysis, it is assumed that up to 10 acres will be disturbed per day.

Architectural Coating - Rule 1113

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - Rule 403

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	120.00	75.00
tblConstructionPhase	NumDays	310.00	100.00
tblConstructionPhase	NumDays	3,100.00	750.00
tblConstructionPhase	NumDays	220.00	110.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblConstructionPhase	PhaseEndDate	6/18/2021	4/16/2021
tblConstructionPhase	PhaseEndDate	8/26/2022	9/3/2021
tblConstructionPhase	PhaseEndDate	7/14/2034	7/19/2024
tblConstructionPhase	PhaseEndDate	3/21/2036	7/19/2024
tblConstructionPhase	PhaseEndDate	5/18/2035	7/19/2024
tblConstructionPhase	PhaseStartDate	6/19/2021	4/17/2021
tblConstructionPhase	PhaseStartDate	8/27/2022	9/4/2021
tblConstructionPhase	PhaseStartDate	5/19/2035	9/16/2023
tblConstructionPhase	PhaseStartDate	7/15/2034	2/18/2024
tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	8.14	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	22.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	48.51	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	6.61	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	4.58	0.00
tblEnergyUse	T24E	6.07	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	2.92	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	12.65	0.00
tblEnergyUse	T24NG	2.00	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	350.00	1,000.00
tblGrading	AcresOfGrading	150.00	750.00
tblLandUse	LandUseSquareFeet	388,010.00	388,011.00
tblLandUse	LandUseSquareFeet	529,250.00	529,254.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblLandUse	LandUseSquareFeet	274,440.00	274,437.00
tblLandUse	LandUseSquareFeet	3,925,191.60	3,925,017.36

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblLandUse	LandUseSquareFeet	221,390.00	221,394.00
tblLandUse	LandUseSquareFeet	61,340.00	61,336.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	0.53	0.00
tblSolidWaste	SolidWasteGenerationRate	360.85	0.00
tblSolidWaste	SolidWasteGenerationRate	492.20	0.00
tblSolidWaste	SolidWasteGenerationRate	658.00	0.00
tblSolidWaste	SolidWasteGenerationRate	752.00	0.00
tblSolidWaste	SolidWasteGenerationRate	232.46	0.00
tblSolidWaste	SolidWasteGenerationRate	345.96	0.00
tblSolidWaste	SolidWasteGenerationRate	1,160.83	0.00
tblSolidWaste	SolidWasteGenerationRate	257.97	0.00
tblTripsAndVMT	VendorTripNumber	1,377.00	690.00
tblTripsAndVMT	WorkerTripNumber	3,410.00	1,706.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20

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tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04

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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

[illegible]

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	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	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	82.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	54.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	68,962,471.56	0.00
tblWater	IndoorWaterUseRate	94,065,586.13	0.00
tblWater	IndoorWaterUseRate	161,875,000.00	0.00
tblWater	IndoorWaterUseRate	185,000,000.00	0.00
tblWater	IndoorWaterUseRate	16,398,915.53	0.00
tblWater	IndoorWaterUseRate	7,561,272.30	0.00
tblWater	IndoorWaterUseRate	285,577,562.50	0.00
tblWater	IndoorWaterUseRate	63,464,250.00	0.00
tblWater	OutdoorWaterUseRate	7,387,184.37	0.00
tblWater	OutdoorWaterUseRate	42,267,321.28	0.00
tblWater	OutdoorWaterUseRate	57,653,101.17	0.00
tblWater	OutdoorWaterUseRate	10,050,948.23	0.00
tblWater	OutdoorWaterUseRate	233,853.78	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

2.0 Emissions Summary**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	12.7618	102.0333	82.5837	0.3786	28.8725	2.6472	31.5196	11.1291	2.4354	13.5645	0.0000	38,555.18 38	38,555.18 38	3.0004	0.0000	38,630.19 37
2022	11.8399	93.6895	77.1382	0.3710	23.4872	1.4891	24.9763	6.3293	1.3907	7.7200	0.0000	37,798.23 61	37,798.23 61	2.8787	0.0000	37,870.20 40
2023	107.4765	78.0344	91.0314	0.4250	31.1102	1.4079	32.5180	8.3509	1.3192	9.6701	0.0000	43,146.42 49	43,146.42 49	2.6452	0.0000	43,212.55 43
2024	109.9507	84.8533	101.5461	0.4408	31.2777	1.7554	33.0330	8.3953	1.6358	10.0311	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17
Maximum	109.9507	102.0333	101.5461	0.4408	31.2777	2.6472	33.0330	11.1291	2.4354	13.5645	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	12.7618	102.0333	82.5837	0.3786	23.4874	2.6472	25.2012	6.3293	2.4354	7.9300	0.0000	38,555.18 38	38,555.18 38	3.0004	0.0000	38,630.19 37
2022	11.8399	93.6895	77.1382	0.3710	23.4872	1.4891	24.9763	6.3293	1.3907	7.7200	0.0000	37,798.23 61	37,798.23 61	2.8787	0.0000	37,870.20 40
2023	107.4765	78.0344	91.0314	0.4250	31.1102	1.4079	32.5180	8.3509	1.3192	9.6701	0.0000	43,146.42 49	43,146.42 49	2.6452	0.0000	43,212.55 43
2024	109.9507	84.8533	101.5461	0.4408	31.2777	1.7554	33.0330	8.3953	1.6358	10.0311	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17
Maximum	109.9507	102.0333	101.5461	0.4408	31.2777	2.6472	33.0330	8.3953	2.4354	10.0311	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17

	ROG	NOx	CO	SO2	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	4.69	0.00	5.18	14.03	0.00	13.75	0.00	0.00	0.00	0.00	0.00	0.00

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	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	Site Preparation	Site Preparation	1/4/2021	4/16/2021	5	75	
2	Grading	Grading	4/17/2021	9/3/2021	5	100	
3	Building Construction	Building Construction	9/4/2021	7/19/2024	5	750	
4	Paving	Paving	2/18/2024	7/19/2024	5	110	
5	Architectural Coating	Architectural Coating	9/16/2023	7/19/2024	5	220	

Acres of Grading (Site Preparation Phase): 750

Acres of Grading (Grading Phase): 1000

Acres of Paving: 90.11

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,314,037; Non-Residential Outdoor: 2,104,679; Striped Parking Area: 235,501 (Architectural Coating – sqft)

OffRoad Equipment

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Crawler Tractors	4	8.00	212	0.43
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Crawler Tractors	2	8.00	212	0.43
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	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Crawler Tractors	3	8.00	212	0.43
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
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	1,706.00	690.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	682.00	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

Water Exposed Area

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					28.6713	0.0000	28.6713	11.0758	0.0000	11.0758			0.0000			0.0000
Off-Road	5.3428	60.7861	21.8537	0.0570		2.6460	2.6460		2.4343	2.4343		5,523.5047	5,523.5047	1.7864		5,568.1651
Total	5.3428	60.7861	21.8537	0.0570	28.6713	2.6460	31.3173	11.0758	2.4343	13.5101		5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342
Total	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.1818	0.0000	11.1818	4.3196	0.0000	4.3196			0.0000			0.0000
Off-Road	5.3428	60.7861	21.8537	0.0570		2.6460	2.6460		2.4343	2.4343	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651
Total	5.3428	60.7861	21.8537	0.0570	11.1818	2.6460	13.8278	4.3196	2.4343	6.7539	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342
Total	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.6271	0.0000	16.6271	4.4553	0.0000	4.4553			0.0000			0.0000
Off-Road	4.9185	56.5443	31.2281	0.0715		2.2861	2.2861		2.1032	2.1032		6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	4.9185	56.5443	31.2281	0.0715	16.6271	2.2861	18.9132	4.4553	2.1032	6.5585		6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4846	0.0000	6.4846	1.7376	0.0000	1.7376			0.0000			0.0000
Off-Road	4.9185	56.5443	31.2281	0.0715		2.2861	2.2861		2.1032	2.1032	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	4.9185	56.5443	31.2281	0.0715	6.4846	2.2861	8.7707	1.7376	2.1032	3.8408	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491

3.4 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520
Total	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.7108	63.3022	13.4764	0.1721	4.4183	0.1251	4.5434	1.2721	0.1197	1.3918		18,145.15 21	18,145.15 21	1.5030		18,182.72 58
Worker	7.9373	4.7652	50.9121	0.1635	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		16,295.60 20	16,295.60 20	0.3766		16,305.01 59
Total	9.6481	68.0674	64.3886	0.3356	23.4874	0.2375	23.7249	6.3293	0.2231	6.5524		34,440.75 41	34,440.75 41	1.8795		34,487.74 17

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775	0.0000	4,114.4297	4,114.4297	1.1209		4,142.452 0
Total	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775	0.0000	4,114.429 7	4,114.429 7	1.1209		4,142.452 0

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.7108	63.3022	13.4764	0.1721	4.4183	0.1251	4.5434	1.2721	0.1197	1.3918		18,145.15 21	18,145.15 21	1.5030		18,182.72 58
Worker	7.9373	4.7652	50.9121	0.1635	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		16,295.60 20	16,295.60 20	0.3766		16,305.01 59
Total	9.6481	68.0674	64.3886	0.3356	23.4874	0.2375	23.7249	6.3293	0.2231	6.5524		34,440.75 41	34,440.75 41	1.8795		34,487.74 17

3.4 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.5322	4,110.5322	1.1153		4,138.413 5
Total	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.532 2	4,110.532 2	1.1153		4,138.413 5

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5975	59.6392	12.5800	0.1705	4.4181	0.1054	4.5235	1.2720	0.1008	1.3728		17,986.72 25	17,986.72 25	1.4249		18,022.34 37
Worker	7.4462	4.2867	46.8884	0.1575	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		15,700.98 14	15,700.98 14	0.3386		15,709.44 68
Total	9.0437	63.9258	59.4684	0.3280	23.4872	0.2148	23.7020	6.3293	0.2015	6.5308		33,687.70 39	33,687.70 39	1.7635		33,731.79 05

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892	0.0000	4,110.5322	4,110.5322	1.1153		4,138.413 5
Total	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892	0.0000	4,110.532 2	4,110.532 2	1.1153		4,138.413 5

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5975	59.6392	12.5800	0.1705	4.4181	0.1054	4.5235	1.2720	0.1008	1.3728		17,986.72 25	17,986.72 25	1.4249		18,022.34 37
Worker	7.4462	4.2867	46.8884	0.1575	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		15,700.98 14	15,700.98 14	0.3386		15,709.44 68
Total	9.0437	63.9258	59.4684	0.3280	23.4872	0.2148	23.7020	6.3293	0.2015	6.5308		33,687.70 39	33,687.70 39	1.7635		33,731.79 05

3.4 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.239 2	4,108.239 2	1.1101		4,135.992 4
Total	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.239 2	4,108.239 2	1.1101		4,135.992 4

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2205	44.6842	10.7865	0.1660	4.4180	0.0471	4.4650	1.2720	0.0450	1.3170		17,519.28 18	17,519.28 18	1.0866		17,546.44 62
Worker	7.0037	3.8639	43.2094	0.1515	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		15,105.12 96	15,105.12 96	0.3044		15,112.738 5
Total	8.2242	48.5481	53.9959	0.3175	23.4870	0.1539	23.6409	6.3292	0.1433	6.4725		32,624.41 14	32,624.41 14	1.3909		32,659.18 46

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4
Total	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2205	44.6842	10.7865	0.1660	4.4180	0.0471	4.4650	1.2720	0.0450	1.3170		17,519.28 18	17,519.28 18	1.0866		17,546.44 62
Worker	7.0037	3.8639	43.2094	0.1515	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		15,105.12 96	15,105.12 96	0.3044		15,112.738 5
Total	8.2242	48.5481	53.9959	0.3175	23.4870	0.1539	23.6409	6.3292	0.1433	6.4725		32,624.41 14	32,624.41 14	1.3909		32,659.18 46

3.4 Building Construction - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8
Total	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1971	44.4462	10.4396	0.1654	4.4178	0.0467	4.4645	1.2719	0.0447	1.3166		17,457.0900	17,457.0900	1.0628		17,483.6594
Worker	6.6207	3.5022	40.4240	0.1460	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		14,563.6673	14,563.6673	0.2777		14,570.6087
Total	7.8178	47.9484	50.8635	0.3114	23.4869	0.1524	23.6393	6.3291	0.1420	6.4711		32,020.7573	32,020.7573	1.3404		32,054.2680

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358
Total	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1971	44.4462	10.4396	0.1654	4.4178	0.0467	4.4645	1.2719	0.0447	1.3166		17,457.0900	17,457.0900	1.0628		17,483.6594
Worker	6.6207	3.5022	40.4240	0.1460	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		14,563.6673	14,563.6673	0.2777		14,570.6087
Total	7.8178	47.9484	50.8635	0.3114	23.4869	0.1524	23.6393	6.3291	0.1420	6.4711		32,020.7573	32,020.7573	1.3404		32,054.2680

3.5 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	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1344	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.5 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120
Total	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1344	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.5 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120
Total	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120

3.6 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	93.9007	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.6 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0
Total	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	93.9007	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.6 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0
Total	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0

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	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	93.8861	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.6 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1
Total	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	93.6451					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923
Total	93.8861	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

3.6 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1
Total	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1

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

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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		
Office Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Office Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	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
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

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

Meridian South Campus (Construction - Unmitigated) - Riverside-South Coast County, Winter

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

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APPENDIX 5.2:

CALEEMOD CONSTRUCTION (MITIGATED) EMISSIONS MODEL OUTPUTS (PROPOSED PROJECT LAND USES)

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

Meridian South Campus (Construction - Mitigated)
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.11	Acre	90.11	3,925,017.36	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Construction Schedule adjusted to meet the 2024 Opening Year.

Off-road Equipment - Hours based on an 8-hour workday.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment -

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Trips and VMT - CalEEMod default worker/vendor trips assumes construction to occur concurrently. As this is an unlikely scenario, the analysis assumes 1/2 the CalEEMod default trips.

Grading - For purposes of analysis, it is assumed that up to 10 acres will be disturbed per day.

Architectural Coating - Super Compliant Low VOC Paint

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - All equipment are required to be equipped with Tier 4 or better engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

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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	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	120.00	75.00
tblConstructionPhase	NumDays	310.00	100.00
tblConstructionPhase	NumDays	3,100.00	750.00
tblConstructionPhase	NumDays	220.00	110.00

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tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	8.14	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	22.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	6.61	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	4.58	0.00

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tblEnergyUse	T24E	6.07	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	2.92	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	12.65	0.00
tblEnergyUse	T24NG	2.00	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	350.00	1,000.00
tblGrading	AcresOfGrading	150.00	750.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	0.53	0.00
tblSolidWaste	SolidWasteGenerationRate	360.85	0.00
tblSolidWaste	SolidWasteGenerationRate	492.20	0.00
tblSolidWaste	SolidWasteGenerationRate	658.00	0.00
tblSolidWaste	SolidWasteGenerationRate	752.00	0.00
tblSolidWaste	SolidWasteGenerationRate	232.46	0.00

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tblSolidWaste	SolidWasteGenerationRate	345.96	0.00
tblSolidWaste	SolidWasteGenerationRate	1,160.83	0.00
tblSolidWaste	SolidWasteGenerationRate	257.97	0.00
tblTripsAndVMT	VendorTripNumber	1,377.00	690.00
tblTripsAndVMT	WorkerTripNumber	3,410.00	1,706.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006

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tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82

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tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006

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tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004

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tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19

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tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003

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tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05

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tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12

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tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69

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tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003

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tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96

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tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22

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tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53

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tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01

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tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003

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tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31

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tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73

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tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46

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tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003

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tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09

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tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00

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tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00

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tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00

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tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01

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tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004

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tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25

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tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003

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tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004

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tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62

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tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10

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tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TL	8.40	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	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	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	82.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	54.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	68,962,471.56	0.00
tblWater	IndoorWaterUseRate	94,065,586.13	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

tblWater	IndoorWaterUseRate	161,875,000.00	0.00
tblWater	IndoorWaterUseRate	185,000,000.00	0.00
tblWater	IndoorWaterUseRate	16,398,915.53	0.00
tblWater	IndoorWaterUseRate	7,561,272.30	0.00
tblWater	IndoorWaterUseRate	285,577,562.50	0.00
tblWater	IndoorWaterUseRate	63,464,250.00	0.00
tblWater	OutdoorWaterUseRate	7,387,184.37	0.00
tblWater	OutdoorWaterUseRate	42,267,321.28	0.00
tblWater	OutdoorWaterUseRate	57,653,101.17	0.00
tblWater	OutdoorWaterUseRate	10,050,948.23	0.00
tblWater	OutdoorWaterUseRate	233,853.78	0.00

2.0 Emissions Summary

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	12.8126	102.4257	92.6603	0.4041	28.8725	2.6472	31.5196	11.1291	2.4354	13.5645	0.0000	41,133.40 07	41,133.40 07	2.9029	0.0000	41,205.97 22
2022	11.8636	94.1528	86.4422	0.3958	23.4872	1.4858	24.9730	6.3293	1.3876	7.7168	0.0000	40,305.30 30	40,305.30 30	2.7818	0.0000	40,374.84 67
2023	36.5868	78.4758	104.2546	0.4558	31.1102	1.4064	32.5165	8.3509	1.3178	9.6687	0.0000	46,246.39 77	46,246.39 77	2.6016	0.0000	46,311.438 0
2024	39.0271	85.3045	114.0986	0.4708	31.2777	1.7540	33.0316	8.3953	1.6345	10.0298	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 62
Maximum	39.0271	102.4257	114.0986	0.4708	31.2777	2.6472	33.0316	11.1291	2.4354	13.5645	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 62

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	10.2253	71.5549	96.7137	0.4041	23.4874	0.3011	23.7885	6.3293	0.2869	6.6162	0.0000	41,133.40 07	41,133.40 07	2.9029	0.0000	41,205.97 22
2022	9.5938	67.4843	91.0211	0.3958	23.4872	0.2788	23.7660	6.3293	0.2656	6.5949	0.0000	40,305.30 29	40,305.30 29	2.7818	0.0000	40,374.84 67
2023	34.3454	53.8009	109.1846	0.4558	31.1102	0.2676	31.3778	8.3509	0.2537	8.6046	0.0000	46,246.39 77	46,246.39 77	2.6016	0.0000	46,311.438 0
2024	36.2370	54.3126	121.9191	0.4708	31.2777	0.3042	31.5818	8.3953	0.2903	8.6856	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 61
Maximum	36.2370	71.5549	121.9191	0.4708	31.2777	0.3042	31.5818	8.3953	0.2903	8.6856	0.0000	47,685.34 09	47,685.34 09	3.2494	0.0000	47,766.57 61

	ROG	NOx	CO	SO2	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	9.86	31.41	-5.38	0.00	4.69	84.21	9.44	14.03	83.81	25.57	0.00	0.00	0.00	0.00	0.00	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	Site Preparation	Site Preparation	1/4/2021	4/16/2021	5	75	
2	Grading	Grading	4/17/2021	9/3/2021	5	100	
3	Building Construction	Building Construction	9/4/2021	7/19/2024	5	750	
4	Architectural Coating	Architectural Coating	9/16/2023	7/19/2024	5	220	
5	Paving	Paving	2/18/2024	7/19/2024	5	110	

Acres of Grading (Site Preparation Phase): 750

Acres of Grading (Grading Phase): 1000

Acres of Paving: 90.11

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,314,037; Non-Residential Outdoor: 2,104,679; Striped Parking Area: 235,501 (Architectural Coating – sqft)

OffRoad Equipment

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Crawler Tractors	4	8.00	212	0.43
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Crawler Tractors	2	8.00	212	0.43
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	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Crawler Tractors	3	8.00	212	0.43
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
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	1,706.00	690.00	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	682.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					28.6713	0.0000	28.6713	11.0758	0.0000	11.0758			0.0000			0.0000
Off-Road	5.3428	60.7861	21.8537	0.0570		2.6460	2.6460		2.4343	2.4343		5,523.5047	5,523.5047	1.7864		5,568.1651
Total	5.3428	60.7861	21.8537	0.0570	28.6713	2.6460	31.3173	11.0758	2.4343	13.5101		5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694
Total	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.1818	0.0000	11.1818	4.3196	0.0000	4.3196			0.0000			0.0000
Off-Road	0.6995	3.0313	25.6493	0.0570		0.0933	0.0933		0.0933	0.0933	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651
Total	0.6995	3.0313	25.6493	0.0570	11.1818	0.0933	11.2751	4.3196	0.0933	4.4128	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694
Total	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.6271	0.0000	16.6271	4.4553	0.0000	4.4553			0.0000			0.0000
Off-Road	4.9185	56.5443	31.2281	0.0715		2.2861	2.2861		2.1032	2.1032		6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	4.9185	56.5443	31.2281	0.0715	16.6271	2.2861	18.9132	4.4553	2.1032	6.5585		6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4846	0.0000	6.4846	1.7376	0.0000	1.7376			0.0000			0.0000
Off-Road	0.8785	3.8069	35.3893	0.0715		0.1171	0.1171		0.1171	0.1171	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	0.8785	3.8069	35.3893	0.0715	6.4846	0.1171	6.6017	1.7376	0.1171	1.8547	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771
Total	0.0948	0.0540	0.7394	2.1400e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		212.9502	212.9502	5.0800e-003		213.0771

3.4 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520
Total	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6109	63.8520	11.3923	0.1788	4.4183	0.1215	4.5398	1.2721	0.1162	1.3883		18,854.3205	18,854.3205	1.3488		18,888.0416
Worker	8.0881	4.6077	63.0728	0.1823	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		18,164.6505	18,164.6505	0.4331		18,175.4786
Total	9.6989	68.4597	74.4651	0.3611	23.4874	0.2338	23.7212	6.3293	0.2196	6.5490		37,018.9710	37,018.9710	1.7820		37,063.5202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,114.4297	4,114.4297	1.1209		4,142.4520
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,114.4297	4,114.4297	1.1209		4,142.4520

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.6109	63.8520	11.3923	0.1788	4.4183	0.1215	4.5398	1.2721	0.1162	1.3883		18,854.3205	18,854.3205	1.3488		18,888.0416
Worker	8.0881	4.6077	63.0728	0.1823	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		18,164.6505	18,164.6505	0.4331		18,175.4786
Total	9.6989	68.4597	74.4651	0.3611	23.4874	0.2338	23.7212	6.3293	0.2196	6.5490		37,018.9710	37,018.9710	1.7820		37,063.5202

3.4 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.5322	4,110.5322	1.1153		4,138.4135
Total	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.5322	4,110.5322	1.1153		4,138.4135

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5020	60.2425	10.5961	0.1772	4.4181	0.1021	4.5202	1.2720	0.0977	1.3697		18,693.83 73	18,693.83 73	1.2775		18,725.77 36
Worker	7.5653	4.1466	58.1763	0.1756	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		17,500.93 34	17,500.93 34	0.3891		17,510.65 97
Total	9.0674	64.3891	68.7725	0.3528	23.4872	0.2115	23.6987	6.3293	0.1984	6.5276		36,194.77 08	36,194.77 08	1.6665		36,236.43 32

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,110.5322	4,110.5322	1.1153		4,138.413 5
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,110.532 2	4,110.532 2	1.1153		4,138.413 5

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5020	60.2425	10.5961	0.1772	4.4181	0.1021	4.5202	1.2720	0.0977	1.3697		18,693.8373	18,693.8373	1.2775		18,725.7736
Worker	7.5653	4.1466	58.1763	0.1756	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		17,500.9334	17,500.9334	0.3891		17,510.6597
Total	9.0674	64.3891	68.7725	0.3528	23.4872	0.2115	23.6987	6.3293	0.1984	6.5276		36,194.7708	36,194.7708	1.6665		36,236.4332

3.4 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.2392	4,108.2392	1.1101		4,135.9924
Total	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.2392	4,108.2392	1.1101		4,135.9924

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1521	45.2998	9.3396	0.1724	4.4180	0.0456	4.4635	1.2720	0.0436	1.3155		18,196.64 87	18,196.64 87	0.9802		18,221.15 45
Worker	7.0934	3.7394	53.6898	0.1689	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		16,835.85 23	16,835.85 23	0.3492		16,844.58 23
Total	8.2454	49.0392	63.0294	0.3413	23.4870	0.1524	23.6394	6.3292	0.1419	6.4711		35,032.50 10	35,032.50 10	1.3294		35,065.73 69

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1521	45.2998	9.3396	0.1724	4.4180	0.0456	4.4635	1.2720	0.0436	1.3155		18,196.64 87	18,196.64 87	0.9802		18,221.15 45
Worker	7.0934	3.7394	53.6898	0.1689	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		16,835.85 23	16,835.85 23	0.3492		16,844.58 23
Total	8.2454	49.0392	63.0294	0.3413	23.4870	0.1524	23.6394	6.3292	0.1419	6.4711		35,032.50 10	35,032.50 10	1.3294		35,065.73 69

3.4 Building Construction - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8
Total	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1298	45.0539	9.0220	0.1717	4.4178	0.0454	4.4632	1.2719	0.0434	1.3153		18,125.4608	18,125.4608	0.9590		18,149.4345
Worker	6.6850	3.3910	50.3419	0.1629	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		16,234.8327	16,234.8327	0.3184		16,242.7935
Total	7.8148	48.4450	59.3639	0.3345	23.4869	0.1511	23.6379	6.3291	0.1406	6.4698		34,360.2935	34,360.2935	1.2774		34,392.2280

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.4 Building Construction - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1298	45.0539	9.0220	0.1717	4.4178	0.0454	4.4632	1.2719	0.0434	1.3153		18,125.4608	18,125.4608	0.9590		18,149.4345
Worker	6.6850	3.3910	50.3419	0.1629	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		16,234.8327	16,234.8327	0.3184		16,242.7935
Total	7.8148	48.4450	59.3639	0.3345	23.4869	0.1511	23.6379	6.3291	0.1406	6.4698		34,360.2935	34,360.2935	1.2774		34,392.2280

3.5 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	22.9538	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.5 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.3935	6,730.3935	0.1396		6,733.8834
Total	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.3935	6,730.3935	0.1396		6,733.8834

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	22.7379	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.5 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.393 5	6,730.393 5	0.1396		6,733.883 4
Total	2.8357	1.4949	21.4633	0.0675	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,730.393 5	6,730.393 5	0.1396		6,733.883 4

3.5 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	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	22.9393	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.5 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090
Total	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923
Total	22.7379	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.5 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090
Total	2.6724	1.3556	20.1250	0.0651	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		6,490.1266	6,490.1266	0.1273		6,493.3090

3.6 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	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1344	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.6 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147
Total	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.4267	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

3.6 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147
Total	0.0588	0.0298	0.4426	1.4300e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		142.7447	142.7447	2.8000e-003		142.8147

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

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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		
Office Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Office Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	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
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****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**

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Summer

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

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

Meridian South Campus (Construction - Mitigated)
Riverside-South Coast County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.11	Acre	90.11	3,925,017.36	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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/MWhr)	482.54	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Construction Schedule adjusted to meet the 2024 Opening Year.

Off-road Equipment - Hours based on an 8-hour workday.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Off-road Equipment -

Off-road Equipment - Crawler Tractors used in lieu of Tractors/Loaders/Backhoes.

Trips and VMT - CalEEMod default worker/vendor trips assumes construction to occur concurrently. As this is an unlikely scenario, the analysis assumes 1/2 the CalEEMod default trips.

Grading - For purposes of analysis, it is assumed that up to 10 acres will be disturbed per day.

Architectural Coating - Super Compliant Low VOC Paint

Vehicle Trips - Construction Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - Construction Run Only.

Water And Wastewater - Construction Run Only.

Solid Waste - Construction Run Only.

Construction Off-road Equipment Mitigation - All equipment are required to be equipped with Tier 4 or better engines.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

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	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	120.00	75.00
tblConstructionPhase	NumDays	310.00	100.00
tblConstructionPhase	NumDays	3,100.00	750.00
tblConstructionPhase	NumDays	220.00	110.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblEnergyUse	LightingElect	3.66	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	2.37	0.00
tblEnergyUse	LightingElect	5.61	0.00
tblEnergyUse	LightingElect	8.14	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	2.79	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	36.52	0.00
tblEnergyUse	NT24E	2.44	0.00
tblEnergyUse	NT24E	22.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	48.51	0.00
tblEnergyUse	NT24NG	0.30	0.00
tblEnergyUse	NT24NG	6.61	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	1.06	0.00
tblEnergyUse	T24E	4.58	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblEnergyUse	T24E	6.07	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24E	0.37	0.00
tblEnergyUse	T24NG	3.47	0.00
tblEnergyUse	T24NG	2.92	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	3.25	0.00
tblEnergyUse	T24NG	1.92	0.00
tblEnergyUse	T24NG	12.65	0.00
tblEnergyUse	T24NG	2.00	0.00
tblEnergyUse	T24NG	2.00	0.00
tblGrading	AcresOfGrading	350.00	1,000.00
tblGrading	AcresOfGrading	150.00	750.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	0.53	0.00
tblSolidWaste	SolidWasteGenerationRate	360.85	0.00
tblSolidWaste	SolidWasteGenerationRate	492.20	0.00
tblSolidWaste	SolidWasteGenerationRate	658.00	0.00
tblSolidWaste	SolidWasteGenerationRate	752.00	0.00
tblSolidWaste	SolidWasteGenerationRate	232.46	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblSolidWaste	SolidWasteGenerationRate	345.96	0.00
tblSolidWaste	SolidWasteGenerationRate	1,160.83	0.00
tblSolidWaste	SolidWasteGenerationRate	257.97	0.00
tblTripsAndVMT	VendorTripNumber	1,377.00	690.00
tblTripsAndVMT	WorkerTripNumber	3,410.00	1,706.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01

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tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003

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tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46

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tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00

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tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004

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tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25

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tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TL	8.40	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	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	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	82.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	54.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	68,962,471.56	0.00
tblWater	IndoorWaterUseRate	94,065,586.13	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

tblWater	IndoorWaterUseRate	161,875,000.00	0.00
tblWater	IndoorWaterUseRate	185,000,000.00	0.00
tblWater	IndoorWaterUseRate	16,398,915.53	0.00
tblWater	IndoorWaterUseRate	7,561,272.30	0.00
tblWater	IndoorWaterUseRate	285,577,562.50	0.00
tblWater	IndoorWaterUseRate	63,464,250.00	0.00
tblWater	OutdoorWaterUseRate	7,387,184.37	0.00
tblWater	OutdoorWaterUseRate	42,267,321.28	0.00
tblWater	OutdoorWaterUseRate	57,653,101.17	0.00
tblWater	OutdoorWaterUseRate	10,050,948.23	0.00
tblWater	OutdoorWaterUseRate	233,853.78	0.00

2.0 Emissions Summary

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	12.7618	102.0333	82.5837	0.3786	28.8725	2.6472	31.5196	11.1291	2.4354	13.5645	0.0000	38,555.18 38	38,555.18 38	3.0004	0.0000	38,630.19 37
2022	11.8399	93.6895	77.1382	0.3710	23.4872	1.4891	24.9763	6.3293	1.3907	7.7200	0.0000	37,798.23 61	37,798.23 61	2.8787	0.0000	37,870.20 40
2023	36.5297	78.0344	91.0314	0.4250	31.1102	1.4079	32.5180	8.3509	1.3192	9.6701	0.0000	43,146.42 49	43,146.42 49	2.6452	0.0000	43,212.55 43
2024	39.0039	84.8533	101.5461	0.4408	31.2777	1.7554	33.0330	8.3953	1.6358	10.0311	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17
Maximum	39.0039	102.0333	101.5461	0.4408	31.2777	2.6472	33.0330	11.1291	2.4354	13.5645	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	10.1745	71.1625	86.6372	0.3786	23.4874	0.3048	23.7921	6.3293	0.2904	6.6197	0.0000	38,555.18 38	38,555.18 38	3.0004	0.0000	38,630.19 37
2022	9.5700	67.0210	81.7170	0.3710	23.4872	0.2821	23.7693	6.3293	0.2688	6.5980	0.0000	37,798.23 61	37,798.23 61	2.8787	0.0000	37,870.20 40
2023	34.2883	53.3595	95.9613	0.4250	31.1102	0.2692	31.3793	8.3509	0.2552	8.6061	0.0000	43,146.42 49	43,146.42 49	2.6452	0.0000	43,212.55 43
2024	36.2137	53.8614	109.3666	0.4408	31.2777	0.3056	31.5832	8.3953	0.2916	8.6869	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17
Maximum	36.2137	71.1625	109.3666	0.4408	31.2777	0.3056	31.5832	8.3953	0.2916	8.6869	0.0000	44,663.03 67	44,663.03 67	3.2958	0.0000	44,745.43 17

	ROG	NOx	CO	SO2	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	9.88	31.57	-6.07	0.00	4.69	84.09	9.44	14.03	83.69	25.56	0.00	0.00	0.00	0.00	0.00	0.00

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	95.7797	3.9900e-003	0.4389	3.0000e-005	0.0000	1.5600e-003	1.5600e-003	0.0000	1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003	0.0000	1.0038

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	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	Site Preparation	Site Preparation	1/4/2021	4/16/2021	5	75	
2	Grading	Grading	4/17/2021	9/3/2021	5	100	
3	Building Construction	Building Construction	9/4/2021	7/19/2024	5	750	
4	Architectural Coating	Architectural Coating	9/16/2023	7/19/2024	5	220	
5	Paving	Paving	2/18/2024	7/19/2024	5	110	

Acres of Grading (Site Preparation Phase): 750

Acres of Grading (Grading Phase): 1000

Acres of Paving: 90.11

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 6,314,037; Non-Residential Outdoor: 2,104,679; Striped Parking Area: 235,501 (Architectural Coating – sqft)

OffRoad Equipment

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Crawler Tractors	4	8.00	212	0.43
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Crawler Tractors	2	8.00	212	0.43
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	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Crawler Tractors	3	8.00	212	0.43
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
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	1,706.00	690.00	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	682.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					28.6713	0.0000	28.6713	11.0758	0.0000	11.0758			0.0000			0.0000
Off-Road	5.3428	60.7861	21.8537	0.0570		2.6460	2.6460		2.4343	2.4343		5,523.5047	5,523.5047	1.7864		5,568.1651
Total	5.3428	60.7861	21.8537	0.0570	28.6713	2.6460	31.3173	11.0758	2.4343	13.5101		5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342
Total	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.1818	0.0000	11.1818	4.3196	0.0000	4.3196			0.0000			0.0000
Off-Road	0.6995	3.0313	25.6493	0.0570		0.0933	0.0933		0.0933	0.0933	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651
Total	0.6995	3.0313	25.6493	0.0570	11.1818	0.0933	11.2751	4.3196	0.0933	4.4128	0.0000	5,523.5047	5,523.5047	1.7864		5,568.1651

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342
Total	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					16.6271	0.0000	16.6271	4.4553	0.0000	4.4553			0.0000			0.0000
Off-Road	4.9185	56.5443	31.2281	0.0715		2.2861	2.2861		2.1032	2.1032		6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	4.9185	56.5443	31.2281	0.0715	16.6271	2.2861	18.9132	4.4553	2.1032	6.5585		6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4846	0.0000	6.4846	1.7376	0.0000	1.7376			0.0000			0.0000
Off-Road	0.8785	3.8069	35.3893	0.0715		0.1171	0.1171		0.1171	0.1171	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3
Total	0.8785	3.8069	35.3893	0.0715	6.4846	0.1171	6.6017	1.7376	0.1171	1.8547	0.0000	6,925.967 4	6,925.967 4	2.2400		6,981.967 3

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491
Total	0.0931	0.0559	0.5969	1.9200e-003	0.2236	1.3200e-003	0.2249	0.0593	1.2100e-003	0.0605		191.0387	191.0387	4.4100e-003		191.1491

3.4 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520
Total	3.1137	33.9659	18.1952	0.0430		1.4763	1.4763		1.3775	1.3775		4,114.4297	4,114.4297	1.1209		4,142.4520

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.7108	63.3022	13.4764	0.1721	4.4183	0.1251	4.5434	1.2721	0.1197	1.3918		18,145.15 21	18,145.15 21	1.5030		18,182.72 58
Worker	7.9373	4.7652	50.9121	0.1635	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		16,295.60 20	16,295.60 20	0.3766		16,305.01 59
Total	9.6481	68.0674	64.3886	0.3356	23.4874	0.2375	23.7249	6.3293	0.2231	6.5524		34,440.75 41	34,440.75 41	1.8795		34,487.74 17

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,114.4297	4,114.4297	1.1209		4,142.452 0
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,114.429 7	4,114.429 7	1.1209		4,142.452 0

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.7108	63.3022	13.4764	0.1721	4.4183	0.1251	4.5434	1.2721	0.1197	1.3918		18,145.15 21	18,145.15 21	1.5030		18,182.72 58
Worker	7.9373	4.7652	50.9121	0.1635	19.0691	0.1124	19.1814	5.0572	0.1035	5.1607		16,295.60 20	16,295.60 20	0.3766		16,305.01 59
Total	9.6481	68.0674	64.3886	0.3356	23.4874	0.2375	23.7249	6.3293	0.2231	6.5524		34,440.75 41	34,440.75 41	1.8795		34,487.74 17

3.4 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.5322 2	4,110.5322 2	1.1153		4,138.413 5
Total	2.7963	29.7637	17.6698	0.0430		1.2743	1.2743		1.1892	1.1892		4,110.532 2	4,110.532 2	1.1153		4,138.413 5

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5975	59.6392	12.5800	0.1705	4.4181	0.1054	4.5235	1.2720	0.1008	1.3728		17,986.72 25	17,986.72 25	1.4249		18,022.34 37
Worker	7.4462	4.2867	46.8884	0.1575	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		15,700.98 14	15,700.98 14	0.3386		15,709.44 68
Total	9.0437	63.9258	59.4684	0.3280	23.4872	0.2148	23.7020	6.3293	0.2015	6.5308		33,687.70 39	33,687.70 39	1.7635		33,731.79 05

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,110.5322	4,110.5322	1.1153		4,138.413 5
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,110.532 2	4,110.532 2	1.1153		4,138.413 5

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5975	59.6392	12.5800	0.1705	4.4181	0.1054	4.5235	1.2720	0.1008	1.3728		17,986.72 25	17,986.72 25	1.4249		18,022.34 37
Worker	7.4462	4.2867	46.8884	0.1575	19.0691	0.1094	19.1785	5.0572	0.1007	5.1579		15,700.98 14	15,700.98 14	0.3386		15,709.44 68
Total	9.0437	63.9258	59.4684	0.3280	23.4872	0.2148	23.7020	6.3293	0.2015	6.5308		33,687.70 39	33,687.70 39	1.7635		33,731.79 05

3.4 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.239 2	4,108.239 2	1.1101		4,135.992 4
Total	2.5519	26.2044	17.3471	0.0430		1.1169	1.1169		1.0422	1.0422		4,108.239 2	4,108.239 2	1.1101		4,135.992 4

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2205	44.6842	10.7865	0.1660	4.4180	0.0471	4.4650	1.2720	0.0450	1.3170		17,519.28 18	17,519.28 18	1.0866		17,546.44 62
Worker	7.0037	3.8639	43.2094	0.1515	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		15,105.12 96	15,105.12 96	0.3044		15,112.738 5
Total	8.2242	48.5481	53.9959	0.3175	23.4870	0.1539	23.6409	6.3292	0.1433	6.4725		32,624.41 14	32,624.41 14	1.3909		32,659.18 46

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,108.239 2	4,108.239 2	1.1101		4,135.992 4

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2205	44.6842	10.7865	0.1660	4.4180	0.0471	4.4650	1.2720	0.0450	1.3170		17,519.28 18	17,519.28 18	1.0866		17,546.44 62
Worker	7.0037	3.8639	43.2094	0.1515	19.0691	0.1068	19.1759	5.0572	0.0983	5.1555		15,105.12 96	15,105.12 96	0.3044		15,112.738 5
Total	8.2242	48.5481	53.9959	0.3175	23.4870	0.1539	23.6409	6.3292	0.1433	6.4725		32,624.41 14	32,624.41 14	1.3909		32,659.18 46

3.4 Building Construction - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8
Total	2.4074	24.3245	17.1278	0.0430		1.0100	1.0100		0.9419	0.9419		4,109.364 9	4,109.364 9	1.1068		4,137.035 8

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1971	44.4462	10.4396	0.1654	4.4178	0.0467	4.4645	1.2719	0.0447	1.3166		17,457.0900	17,457.0900	1.0628		17,483.6594
Worker	6.6207	3.5022	40.4240	0.1460	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		14,563.6673	14,563.6673	0.2777		14,570.6087
Total	7.8178	47.9484	50.8635	0.3114	23.4869	0.1524	23.6393	6.3291	0.1420	6.4711		32,020.7573	32,020.7573	1.3404		32,054.2680

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358
Total	0.5264	3.0952	22.2486	0.0430		0.0673	0.0673		0.0673	0.0673	0.0000	4,109.3649	4,109.3649	1.1068		4,137.0358

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.4 Building Construction - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1971	44.4462	10.4396	0.1654	4.4178	0.0467	4.4645	1.2719	0.0447	1.3166		17,457.0900	17,457.0900	1.0628		17,483.6594
Worker	6.6207	3.5022	40.4240	0.1460	19.0691	0.1057	19.1748	5.0572	0.0973	5.1545		14,563.6673	14,563.6673	0.2777		14,570.6087
Total	7.8178	47.9484	50.8635	0.3114	23.4869	0.1524	23.6393	6.3291	0.1420	6.4711		32,020.7573	32,020.7573	1.3404		32,054.2680

3.5 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	22.9538	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.5 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0
Total	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	22.7379	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.5 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0
Total	2.7999	1.5446	17.2736	0.0606	7.6232	0.0427	7.6659	2.0217	0.0393	2.0610		6,038.510 2	6,038.510 2	0.1217		6,041.552 0

3.5 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	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	22.9393	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.5 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1
Total	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.6983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0396	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923
Total	22.7379	0.1717	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0211		375.7923

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.5 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1
Total	2.6467	1.4000	16.1601	0.0584	7.6232	0.0423	7.6654	2.0217	0.0389	2.0606		5,822.052 2	5,822.052 2	0.1110		5,824.827 1

3.6 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	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1344	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.6 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120
Total	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.4267	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

3.6 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120
Total	0.0582	0.0308	0.3554	1.2800e-003	0.1677	9.3000e-004	0.1686	0.0445	8.6000e-004	0.0453		128.0510	128.0510	2.4400e-003		128.1120

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

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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		
Office Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Office Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	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
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Office 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
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	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
Refrigerated Warehouse-Rail	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
Regional Shopping Center	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
Supermarket	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
Unrefrigerated Warehouse-No Rail	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
Unrefrigerated Warehouse-Rail	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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7797	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7796	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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

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

Meridian South Campus (Construction - Mitigated) - Riverside-South Coast County, Winter

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

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APPENDIX 5.3:

CALEEMOD OPERATIONAL (PASSENGER CARS) EMISSIONS MODEL OUTPUTS (PROPOSED PROJECT LAND USES)

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Meridian South Campus - Vacant Land (Operations - Passenger Cars)
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.10	Acre	90.10	3,924,756.00	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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/MWhr)	482.54	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The Project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses

Water And Wastewater -

Solid Waste -

Energy Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Passenger Car Fleet Mix for Industrial uses are estimated based on the ratio of the vehicle classes in CalEEMod default fleet mix.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	120.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	4.24	2.97
tblEnergyUse	LightingElect	2.37	1.66
tblEnergyUse	LightingElect	2.37	0.82
tblEnergyUse	LightingElect	5.61	3.93
tblEnergyUse	LightingElect	8.14	5.70
tblEnergyUse	LightingElect	1.17	0.82

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	1.06	0.74
tblEnergyUse	T24E	1.06	0.26
tblEnergyUse	T24E	4.58	3.21
tblEnergyUse	T24E	6.07	4.25
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	2.92	2.04
tblEnergyUse	T24NG	3.25	2.28
tblEnergyUse	T24NG	3.25	1.40
tblEnergyUse	T24NG	1.92	1.34
tblEnergyUse	T24NG	12.65	8.86
tblEnergyUse	T24NG	2.00	1.40
tblEnergyUse	T24NG	2.00	1.40
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	11.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006

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tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003

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tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64

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tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06

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tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003

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tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59

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tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10

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tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46

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tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003

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tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	10.00
tblVehicleTrips	PB_TP	4.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	11.00	41.00
tblVehicleTrips	PB_TP	36.00	42.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	66.00	90.00
tblVehicleTrips	PR_TP	77.00	90.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	54.00	59.00
tblVehicleTrips	PR_TP	34.00	58.00
tblVehicleTrips	PR_TP	92.00	90.00

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	22.75	1.96
tblVehicleTrips	ST_TR	2.46	2.21
tblVehicleTrips	ST_TR	1.64	2.21
tblVehicleTrips	ST_TR	1.68	1.43
tblVehicleTrips	ST_TR	1.68	0.59
tblVehicleTrips	ST_TR	49.97	46.12
tblVehicleTrips	ST_TR	177.59	177.62
tblVehicleTrips	ST_TR	1.68	0.09
tblVehicleTrips	ST_TR	1.68	0.09
tblVehicleTrips	SU_TR	16.74	2.19
tblVehicleTrips	SU_TR	1.05	0.70
tblVehicleTrips	SU_TR	0.76	0.70
tblVehicleTrips	SU_TR	1.68	1.43
tblVehicleTrips	SU_TR	1.68	0.55
tblVehicleTrips	SU_TR	25.24	21.10
tblVehicleTrips	SU_TR	166.44	166.47
tblVehicleTrips	SU_TR	1.68	0.04
tblVehicleTrips	SU_TR	1.68	0.04
tblVehicleTrips	WD_TR	1.89	15.16
tblVehicleTrips	WD_TR	11.03	10.19
tblVehicleTrips	WD_TR	11.42	10.09
tblVehicleTrips	WD_TR	1.68	1.43
tblVehicleTrips	WD_TR	1.68	0.88
tblVehicleTrips	WD_TR	42.70	46.62
tblVehicleTrips	WD_TR	102.24	90.68
tblVehicleTrips	WD_TR	1.68	1.02

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleTrips	WD_TR	1.68	1.10
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible]

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	75.7168	249.1406	649.5339	2.0892	195.7456	1.8714	197.6170	52.2388	1.7622	54.0010		214,637.2117	214,637.2117	7.5216		214,825.2527
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	173.9458	271.1805	667.7559	2.1921	195.7456	3.1253	198.8709	52.2388	2.9849	55.2237		231,609.9913	231,609.9913	8.8757	0.2493	231,906.1777

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	75.7168	249.1406	649.5339	2.0892	195.7456	1.8714	197.6170	52.2388	1.7622	54.0010		214,637.2117	214,637.2117	7.5216		214,825.2527
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	173.9458	271.1805	667.7559	2.1921	195.7456	3.1253	198.8709	52.2388	2.9849	55.2237		231,609.9913	231,609.9913	8.8757	0.2493	231,906.1777

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Acres of Paving: 90.1

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	75.7168	249.1406	649.5339	2.0892	195.7456	1.8714	197.6170	52.2388	1.7622	54.0010		214,637.2117	214,637.2117	7.5216		214,825.2527
Unmitigated	75.7168	249.1406	649.5339	2.0892	195.7456	1.8714	197.6170	52.2388	1.7622	54.0010		214,637.2117	214,637.2117	7.5216		214,825.2527

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	94.00	12.15	13.58	251,307	251,307
General Office Building	3,953.99	857.50	271.61	10,594,622	10,594,622
Office Park	5,342.03	1,169.65	370.48	14,321,264	14,321,264
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	1,000.02	1,000.02	1000.02	5,441,909	5,441,909
Refrigerated Warehouse-Rail	706.00	474.00	438.72	3,453,771	3,453,771
Regional Shopping Center	10,322.01	10,210.69	4671.41	19,422,827	19,422,827
Supermarket	5,562.00	10,894.50	10210.60	12,865,045	12,865,045
Unrefrigerated Warehouse-No Rail	1,261.97	116.95	46.80	5,032,581	5,032,581
Unrefrigerated Warehouse-Rail	301.99	25.91	10.37	1,202,041	1,202,041
Total	28,544.00	24,761.37	17,033.60	72,585,366	72,585,366

4.3 Trip Type Information

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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	33.00	48.00	19.00	90	0	10
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Refrigerated Warehouse-Rail	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	59	0	41
Supermarket	16.60	8.40	6.90	6.50	74.50	19.00	58	0	42
Unrefrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Refrigerated Warehouse-Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
NaturalGas Unmitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2583.2	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2958.02	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97405.5	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3134.25	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	994.757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2599.64	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4838.2	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1075.19	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2.5832	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2.95802	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97.4055	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3.13425	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	0.994757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2.59964	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4.8382	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1.07519	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	11	4.00	365	200	0.37	CNG

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Summer

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364

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

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Meridian South Campus - Vacant Land (Operations - Passenger Cars)
Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.10	Acre	90.10	3,924,756.00	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The Project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses

Water And Wastewater -

Solid Waste -

Energy Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Passenger Car Fleet Mix for Industrial uses are estimated based on the ratio of the vehicle classes in CalEEMod default fleet mix.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	120.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	4.24	2.97
tblEnergyUse	LightingElect	2.37	1.66
tblEnergyUse	LightingElect	2.37	0.82
tblEnergyUse	LightingElect	5.61	3.93
tblEnergyUse	LightingElect	8.14	5.70
tblEnergyUse	LightingElect	1.17	0.82

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	1.06	0.74
tblEnergyUse	T24E	1.06	0.26
tblEnergyUse	T24E	4.58	3.21
tblEnergyUse	T24E	6.07	4.25
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	2.92	2.04
tblEnergyUse	T24NG	3.25	2.28
tblEnergyUse	T24NG	3.25	1.40
tblEnergyUse	T24NG	1.92	1.34
tblEnergyUse	T24NG	12.65	8.86
tblEnergyUse	T24NG	2.00	1.40
tblEnergyUse	T24NG	2.00	1.40
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	11.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
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tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003

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tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	10.00
tblVehicleTrips	PB_TP	4.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	11.00	41.00
tblVehicleTrips	PB_TP	36.00	42.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	66.00	90.00
tblVehicleTrips	PR_TP	77.00	90.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	54.00	59.00
tblVehicleTrips	PR_TP	34.00	58.00
tblVehicleTrips	PR_TP	92.00	90.00

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	22.75	1.96
tblVehicleTrips	ST_TR	2.46	2.21
tblVehicleTrips	ST_TR	1.64	2.21
tblVehicleTrips	ST_TR	1.68	1.43
tblVehicleTrips	ST_TR	1.68	0.59
tblVehicleTrips	ST_TR	49.97	46.12
tblVehicleTrips	ST_TR	177.59	177.62
tblVehicleTrips	ST_TR	1.68	0.09
tblVehicleTrips	ST_TR	1.68	0.09
tblVehicleTrips	SU_TR	16.74	2.19
tblVehicleTrips	SU_TR	1.05	0.70
tblVehicleTrips	SU_TR	0.76	0.70
tblVehicleTrips	SU_TR	1.68	1.43
tblVehicleTrips	SU_TR	1.68	0.55
tblVehicleTrips	SU_TR	25.24	21.10
tblVehicleTrips	SU_TR	166.44	166.47
tblVehicleTrips	SU_TR	1.68	0.04
tblVehicleTrips	SU_TR	1.68	0.04
tblVehicleTrips	WD_TR	1.89	15.16
tblVehicleTrips	WD_TR	11.03	10.19
tblVehicleTrips	WD_TR	11.42	10.09
tblVehicleTrips	WD_TR	1.68	1.43
tblVehicleTrips	WD_TR	1.68	0.88
tblVehicleTrips	WD_TR	42.70	46.62
tblVehicleTrips	WD_TR	102.24	90.68
tblVehicleTrips	WD_TR	1.68	1.02

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleTrips	WD_TR	1.68	1.10
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible]

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	67.7579	257.8745	569.8500	1.9540	195.7334	1.8744	197.6078	52.2344	1.7651	53.9995		200,543.2946	200,543.2946	7.2100		200,723.5434
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	165.9869	279.9144	588.0720	2.0568	195.7334	3.1284	198.8617	52.2344	2.9878	55.2222		217,516.0741	217,516.0741	8.5640	0.2493	217,804.4683

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	67.7579	257.8745	569.8500	1.9540	195.7334	1.8744	197.6078	52.2344	1.7651	53.9995		200,543.2946	200,543.2946	7.2100		200,723.5434
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	165.9869	279.9144	588.0720	2.0568	195.7334	3.1284	198.8617	52.2344	2.9878	55.2222		217,516.0741	217,516.0741	8.5640	0.2493	217,804.4683

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0**

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Acres of Paving: 90.1

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	67.7579	257.8745	569.8500	1.9540	195.7334	1.8744	197.6078	52.2344	1.7651	53.9995		200,543.2946	200,543.2946	7.2100		200,723.5434
Unmitigated	67.7579	257.8745	569.8500	1.9540	195.7334	1.8744	197.6078	52.2344	1.7651	53.9995		200,543.2946	200,543.2946	7.2100		200,723.5434

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	94.00	12.15	13.58	251,307	251,307
General Office Building	3,953.99	857.50	271.61	10,594,622	10,594,622
Office Park	5,342.03	1,169.65	370.48	14,321,264	14,321,264
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	1,000.02	1,000.02	1000.02	5,441,909	5,441,909
Refrigerated Warehouse-Rail	706.00	474.00	438.72	3,453,771	3,453,771
Regional Shopping Center	10,322.01	10,210.69	4671.41	19,422,827	19,422,827
Supermarket	5,562.00	10,894.50	10210.60	12,865,045	12,865,045
Unrefrigerated Warehouse-No Rail	1,261.97	116.95	46.80	5,032,581	5,032,581
Unrefrigerated Warehouse-Rail	301.99	25.91	10.37	1,202,041	1,202,041
Total	28,544.00	24,761.37	17,033.60	72,585,366	72,585,366

4.3 Trip Type Information

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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	33.00	48.00	19.00	90	0	10
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Refrigerated Warehouse-Rail	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	59	0	41
Supermarket	16.60	8.40	6.90	6.50	74.50	19.00	58	0	42
Unrefrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Refrigerated Warehouse-Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
NaturalGas Unmitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2583.2	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2958.02	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97405.5	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3134.25	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	994.757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2599.64	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4838.2	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1075.19	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2.5832	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2.95802	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97.4055	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3.13425	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	0.994757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2.59964	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4.8382	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1.07519	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	11	4.00	365	200	0.37	CNG

Meridian South Campus - Vacant Land (Operations - Passenger Cars) - Riverside-South Coast County, Winter

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364

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

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

Boilers

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 5.4:

CALFEEMOD OPERATIONAL (TRUCKS) EMISSIONS MODEL OUTPUTS (PROPOSED PROJECT LAND USES)

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

Meridian South Campus - Vacant Land (Operations - Trucks)
Riverside-South Coast County, Summer

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.10	Acre	90.10	3,924,756.00	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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/MWhr)	482.54	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The Project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses

Water And Wastewater -

Solid Waste -

Energy Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Truck Fleet Mix estimated by rationing the Trip Rates for each truck type based on information provided in the TIA.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	120.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	4.24	2.97
tblEnergyUse	LightingElect	2.37	1.66
tblEnergyUse	LightingElect	2.37	0.82
tblEnergyUse	LightingElect	5.61	3.93
tblEnergyUse	LightingElect	8.14	5.70
tblEnergyUse	LightingElect	1.17	0.82

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	1.06	0.74
tblEnergyUse	T24E	1.06	0.26
tblEnergyUse	T24E	4.58	3.21
tblEnergyUse	T24E	6.07	4.25
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	2.92	2.04
tblEnergyUse	T24NG	3.25	2.28
tblEnergyUse	T24NG	3.25	1.40
tblEnergyUse	T24NG	1.92	1.34
tblEnergyUse	T24NG	12.65	8.86
tblEnergyUse	T24NG	2.00	1.40
tblEnergyUse	T24NG	2.00	1.40
tblFleetMix	HHD	0.07	0.54
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.35
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.11
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	11.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003

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tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41

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tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71

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tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003

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tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59

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tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10

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tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46

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tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003

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tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003

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tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003

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tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003

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tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004

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tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004

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tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005

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tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87

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tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13

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tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	10.00
tblVehicleTrips	PB_TP	4.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	11.00	41.00
tblVehicleTrips	PB_TP	36.00	42.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	66.00	90.00
tblVehicleTrips	PR_TP	77.00	90.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	54.00	59.00
tblVehicleTrips	PR_TP	34.00	58.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	1.68	0.83
tblVehicleTrips	ST_TR	1.68	0.35
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	1.68	0.06
tblVehicleTrips	ST_TR	1.68	0.06
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	1.68	0.83
tblVehicleTrips	SU_TR	1.68	0.32
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	1.68	0.02
tblVehicleTrips	SU_TR	1.68	0.02
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	1.68	0.83

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleTrips	WD_TR	1.68	0.52
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	1.68	0.60
tblVehicleTrips	WD_TR	1.68	0.65

2.0 Emissions Summary

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	7.7507	416.3808	85.8022	2.2718	91.5922	4.5342	96.1264	25.7073	4.3369	30.0442		240,930.3529	240,930.3529	2.8612		241,001.8835
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	105.9797	438.4207	104.0241	2.3747	91.5922	5.7881	97.3803	25.7073	5.5595	31.2668		257,903.1325	257,903.1325	4.2153	0.2493	258,082.8084

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	7.7507	416.3808	85.8022	2.2718	91.5922	4.5342	96.1264	25.7073	4.3369	30.0442		240,930.3529	240,930.3529	2.8612		241,001.8835
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	105.9797	438.4207	104.0241	2.3747	91.5922	5.7881	97.3803	25.7073	5.5595	31.2668		257,903.1325	257,903.1325	4.2153	0.2493	258,082.8084

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

Acres of Paving: 90.1

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.7507	416.3808	85.8022	2.2718	91.5922	4.5342	96.1264	25.7073	4.3369	30.0442		240,930.3529	240,930.3529	2.8612		241,001.8835
Unmitigated	7.7507	416.3808	85.8022	2.2718	91.5922	4.5342	96.1264	25.7073	4.3369	30.0442		240,930.3529	240,930.3529	2.8612		241,001.8835

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		
Office Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	584.01	584.01	584.01	11,481,426	11,481,426
Refrigerated Warehouse-Rail	414.00	278.00	257.28	7,316,981	7,316,981
Regional Shopping Center	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	736.02	68.29	27.29	10,604,024	10,604,024
Unrefrigerated Warehouse-Rail	178.00	15.26	6.12	2,559,623	2,559,623
Total	1,912.03	945.56	874.70	31,962,055	31,962,055

4.3 Trip Type Information

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

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	33.00	48.00	19.00	90	0	10
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Refrigerated Warehouse-Rail	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	59	0	41
Supermarket	16.60	8.40	6.90	6.50	74.50	19.00	58	0	42
Unrefrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.347000	0.000000	0.110000	0.543000	0.000000	0.000000	0.000000	0.000000	0.000000
Refrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
NaturalGas Unmitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2583.2	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2958.02	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97405.5	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3134.25	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	994.757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2599.64	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4838.2	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1075.19	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2.5832	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2.95802	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97.4055	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3.13425	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	0.994757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2.59964	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4.8382	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1.07519	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	11	4.00	365	200	0.37	CNG

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Summer

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364

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

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

Meridian South Campus - Vacant Land (Operations - Trucks)
Riverside-South Coast County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	388.01	1000sqft	8.91	388,011.00	0
Office Park	529.25	1000sqft	12.15	529,254.00	0
Refrigerated Warehouse-No Rail	700.00	1000sqft	16.07	700,000.00	0
Refrigerated Warehouse-Rail	800.00	1000sqft	18.37	800,000.00	0
Unrefrigerated Warehouse-No Rail	1,234.93	1000sqft	28.35	1,234,926.00	0
Unrefrigerated Warehouse-Rail	274.44	1000sqft	6.30	274,437.00	0
Other Asphalt Surfaces	90.10	Acre	90.10	3,924,756.00	0
City Park	6.20	Acre	6.20	270,072.00	0
Regional Shopping Center	221.39	1000sqft	5.08	221,394.00	0
Supermarket	61.34	1000sqft	1.41	61,336.00	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/MWhr)	482.54	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The Project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses

Water And Wastewater -

Solid Waste -

Energy Mitigation -

Waste Mitigation -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Truck Fleet Mix estimated by rationing the Trip Rates for each truck type based on information provided in the TIA.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	120.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	4.24	2.97
tblEnergyUse	LightingElect	2.37	1.66
tblEnergyUse	LightingElect	2.37	0.82
tblEnergyUse	LightingElect	5.61	3.93
tblEnergyUse	LightingElect	8.14	5.70
tblEnergyUse	LightingElect	1.17	0.82

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	1.06	0.74
tblEnergyUse	T24E	1.06	0.26
tblEnergyUse	T24E	4.58	3.21
tblEnergyUse	T24E	6.07	4.25
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24E	0.37	0.26
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	2.92	2.04
tblEnergyUse	T24NG	3.25	2.28
tblEnergyUse	T24NG	3.25	1.40
tblEnergyUse	T24NG	1.92	1.34
tblEnergyUse	T24NG	12.65	8.86
tblEnergyUse	T24NG	2.00	1.40
tblEnergyUse	T24NG	2.00	1.40
tblFleetMix	HHD	0.07	0.54
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.35
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00

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tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.11
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	1,234,930.00	1,234,926.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	11.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03

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tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006

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tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003

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tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005

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tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04

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tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19

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tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003

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tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40

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tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64

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tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06

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tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003

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tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

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tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71

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tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003

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tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59

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tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10

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tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46

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tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	10.00
tblVehicleTrips	PB_TP	4.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	11.00	41.00
tblVehicleTrips	PB_TP	36.00	42.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	66.00	90.00
tblVehicleTrips	PR_TP	77.00	90.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	54.00	59.00
tblVehicleTrips	PR_TP	34.00	58.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	1.68	0.83
tblVehicleTrips	ST_TR	1.68	0.35
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	1.68	0.06
tblVehicleTrips	ST_TR	1.68	0.06
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	1.68	0.83
tblVehicleTrips	SU_TR	1.68	0.32
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	1.68	0.02
tblVehicleTrips	SU_TR	1.68	0.02
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	1.68	0.83

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleTrips	WD_TR	1.68	0.52
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	1.68	0.60
tblVehicleTrips	WD_TR	1.68	0.65

2.0 Emissions Summary

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	7.4554	435.2438	78.4285	2.2728	91.5396	4.5336	96.0732	25.6883	4.3364	30.0247		239,342.4809	239,342.4809	0.4530		239,353.8062
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	105.6843	457.2837	96.6504	2.3757	91.5396	5.7876	97.3271	25.6883	5.5590	31.2473		256,315.2605	256,315.2605	1.8071	0.2493	256,434.7311

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Area	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Energy	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
Mobile	7.4554	435.2438	78.4285	2.2728	91.5396	4.5336	96.0732	25.6883	4.3364	30.0247		239,342.4809	239,342.4809	0.4530		239,353.8062
Offroad	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	105.6843	457.2837	96.6504	2.3757	91.5396	5.7876	97.3271	25.6883	5.5590	31.2473		256,315.2605	256,315.2605	1.8071	0.2493	256,434.7311

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

Acres of Paving: 90.1

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.4
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.3

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
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.4554	435.2438	78.4285	2.2728	91.5396	4.5336	96.0732	25.6883	4.3364	30.0247		239,342.4809	239,342.4809	0.4530		239,353.8062
Unmitigated	7.4554	435.2438	78.4285	2.2728	91.5396	4.5336	96.0732	25.6883	4.3364	30.0247		239,342.4809	239,342.4809	0.4530		239,353.8062

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		
Office Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	584.01	584.01	584.01	11,481,426	11,481,426
Refrigerated Warehouse-Rail	414.00	278.00	257.28	7,316,981	7,316,981
Regional Shopping Center	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	736.02	68.29	27.29	10,604,024	10,604,024
Unrefrigerated Warehouse-Rail	178.00	15.26	6.12	2,559,623	2,559,623
Total	1,912.03	945.56	874.70	31,962,055	31,962,055

4.3 Trip Type Information

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

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	33.00	48.00	19.00	90	0	10
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	90	0	10
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Refrigerated Warehouse-Rail	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	59	0	41
Supermarket	16.60	8.40	6.90	6.50	74.50	19.00	58	0	42
Unrefrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Office Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.347000	0.000000	0.110000	0.543000	0.000000	0.000000	0.000000	0.000000	0.000000
Refrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Supermarket	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848
NaturalGas Unmitigated	1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2583.2	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2958.02	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97405.5	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3134.25	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	994.757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2599.64	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4838.2	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1075.19	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2.5832	0.0279	0.2533	0.2127	1.5200e-003		0.0193	0.0193		0.0193	0.0193		303.9055	303.9055	5.8200e-003	5.5700e-003	305.7114
Office Park	2.95802	0.0319	0.2900	0.2436	1.7400e-003		0.0220	0.0220		0.0220	0.0220		348.0026	348.0026	6.6700e-003	6.3800e-003	350.0706
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	97.4055	1.0505	9.5496	8.0216	0.0573		0.7258	0.7258		0.7258	0.7258		11,459.4682	11,459.4682	0.2196	0.2101	11,527.5661
Refrigerated Warehouse-Rail	3.13425	0.0338	0.3073	0.2581	1.8400e-003		0.0234	0.0234		0.0234	0.0234		368.7349	368.7349	7.0700e-003	6.7600e-003	370.9261
Regional Shopping Center	0.994757	0.0107	0.0975	0.0819	5.9000e-004		7.4100e-003	7.4100e-003		7.4100e-003	7.4100e-003		117.0302	117.0302	2.2400e-003	2.1500e-003	117.7256
Supermarket	2.59964	0.0280	0.2549	0.2141	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.8398	305.8398	5.8600e-003	5.6100e-003	307.6572
Unrefrigerated Warehouse-No Rail	4.8382	0.0522	0.4743	0.3984	2.8500e-003		0.0361	0.0361		0.0361	0.0361		569.2004	569.2004	0.0109	0.0104	572.5829
Unrefrigerated Warehouse-Rail	1.07519	0.0116	0.1054	0.0886	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003		126.4931	126.4931	2.4200e-003	2.3200e-003	127.2448
Total		1.2466	11.3322	9.5191	0.0680		0.8613	0.8613		0.8613	0.8613		13,598.6746	13,598.6746	0.2606	0.2493	13,679.4848

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Unmitigated	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.9897					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0405	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038
Total	95.7795	3.9900e-003	0.4389	3.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003		0.9423	0.9423	2.4600e-003		1.0038

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	11	4.00	365	200	0.37	CNG

Meridian South Campus - Vacant Land (Operations - Trucks) - Riverside-South Coast County, Winter

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364
Total	1.2029	10.7037	8.2640	0.0349		0.3911	0.3911		0.3598	0.3598		3,373.1627	3,373.1627	1.0910		3,400.4364

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

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APPENDIX 5.5:

CALEEMOD OPERATIONAL (PASSENGER CARS) EMISSIONS MODEL OUTPUTS (BUILT/ENTITLED)

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Meridian South Campus - Built/Entitled (Operations - Passenger Cars)
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Unrefrigerated Warehouse-No Rail	500.00	1000sqft	11.48	500,000.00	0
Unrefrigerated Warehouse-Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Other Asphalt Surfaces	162.80	Acre	162.80	7,091,568.00	0
Regional Shopping Center	15.49	1000sqft	0.36	15,485.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The energy use for all warehouses have been adjusted to reflect the CalEEMod default energy use for Unrefrigerated Warehouse - No Rail.

Water And Wastewater -

Solid Waste -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Passenger Car Fleet Mix for Industrial uses are estimated based on the ratio of the vehicle classes in CalEEMod default fleet mix.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	425494	425525
tblConstructionPhase	NumDays	180.00	0.00
tblEnergyUse	LightingElect	2.37	1.17
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	1.06	0.37
tblEnergyUse	T24NG	3.25	2.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	10.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	1.68	2.31

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleTrips	ST_TR	49.97	99.06
tblVehicleTrips	ST_TR	1.68	1.10
tblVehicleTrips	ST_TR	1.68	2.95
tblVehicleTrips	SU_TR	1.68	2.31
tblVehicleTrips	SU_TR	25.24	99.06
tblVehicleTrips	SU_TR	1.68	1.10
tblVehicleTrips	SU_TR	1.68	2.95
tblVehicleTrips	WD_TR	1.68	2.31
tblVehicleTrips	WD_TR	42.70	99.06
tblVehicleTrips	WD_TR	1.68	1.10
tblVehicleTrips	WD_TR	1.68	2.95

2.0 Emissions Summary

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	16.5062	20.5640	205.0982	0.6466	73.0304	0.3499	73.3803	19.3751	0.3240	19.6991		65,528.8985	65,528.8985	1.4047		65,564.0154
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	77.0234	31.6695	214.0367	0.6866	73.0304	0.8108	73.8412	19.3751	0.7564	20.1315		70,242.8540	70,242.8540	2.4295	0.0302	70,312.5899

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	16.5062	20.5640	205.0982	0.6466	73.0304	0.3499	73.3803	19.3751	0.3240	19.6991		65,528.8985	65,528.8985	1.4047		65,564.0154
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	77.0234	31.6695	214.0367	0.6866	73.0304	0.8108	73.8412	19.3751	0.7564	20.1315		70,242.8540	70,242.8540	2.4295	0.0302	70,312.5899

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Acres of Paving: 162.8

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.5062	20.5640	205.0982	0.6466	73.0304	0.3499	73.3803	19.3751	0.3240	19.6991		65,528.89 85	65,528.89 85	1.4047		65,564.01 54
Unmitigated	16.5062	20.5640	205.0982	0.6466	73.0304	0.3499	73.3803	19.3751	0.3240	19.6991		65,528.89 85	65,528.89 85	1.4047		65,564.01 54

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	2,306.00	2,306.00	2306.00	12,548,791	12,548,791
Regional Shopping Center	1,534.00	1,534.00	1534.00	3,317,802	3,317,802
Unrefrigerated Warehouse-No Rail	550.00	550.00	550.00	2,992,990	2,992,990
Unrefrigerated Warehouse-Rail	2,952.00	2,952.00	2952.00	16,064,194	16,064,194
Total	7,342.00	7,342.00	7,342.00	34,923,777	34,923,777

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
NaturalGas Unmitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	94.1827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2780.82	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	0.0941827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2.78082	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Unmitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2727	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2727	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	10	4.00	365	200	0.37	CNG

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Summer

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058

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

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Meridian South Campus - Built/Entitled (Operations - Passenger Cars)
Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Unrefrigerated Warehouse-No Rail	500.00	1000sqft	11.48	500,000.00	0
Unrefrigerated Warehouse-Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Other Asphalt Surfaces	162.80	Acre	162.80	7,091,568.00	0
Regional Shopping Center	15.49	1000sqft	0.36	15,485.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The energy use for all warehouses have been adjusted to reflect the CalEEMod default energy use for Unrefrigerated Warehouse - No Rail.

Water And Wastewater -

Solid Waste -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Passenger Car Fleet Mix for Industrial uses are estimated based on the ratio of the vehicle classes in CalEEMod default fleet mix.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	425494	425525
tblConstructionPhase	NumDays	180.00	0.00
tblEnergyUse	LightingElect	2.37	1.17
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	1.06	0.37
tblEnergyUse	T24NG	3.25	2.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	HHD	0.07	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDA	0.55	0.62
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	10.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	1.68	2.31

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleTrips	ST_TR	49.97	99.06
tblVehicleTrips	ST_TR	1.68	1.10
tblVehicleTrips	ST_TR	1.68	2.95
tblVehicleTrips	SU_TR	1.68	2.31
tblVehicleTrips	SU_TR	25.24	99.06
tblVehicleTrips	SU_TR	1.68	1.10
tblVehicleTrips	SU_TR	1.68	2.95
tblVehicleTrips	WD_TR	1.68	2.31
tblVehicleTrips	WD_TR	42.70	99.06
tblVehicleTrips	WD_TR	1.68	1.10
tblVehicleTrips	WD_TR	1.68	2.95

2.0 Emissions Summary

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	14.7117	21.2639	169.6127	0.5901	73.0299	0.3501	73.3799	19.3749	0.3242	19.6991		59,789.9753	59,789.9753	1.4017		59,825.0172
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	75.2288	32.3693	178.5512	0.6301	73.0299	0.8109	73.8408	19.3749	0.7566	20.1315		64,503.9309	64,503.9309	2.4265	0.0302	64,573.5918

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	14.7117	21.2639	169.6127	0.5901	73.0299	0.3501	73.3799	19.3749	0.3242	19.6991		59,789.9753	59,789.9753	1.4017		59,825.0172
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	75.2288	32.3693	178.5512	0.6301	73.0299	0.8109	73.8408	19.3749	0.7566	20.1315		64,503.9309	64,503.9309	2.4265	0.0302	64,573.5918

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Acres of Paving: 162.8

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.7117	21.2639	169.6127	0.5901	73.0299	0.3501	73.3799	19.3749	0.3242	19.6991		59,789.97 53	59,789.97 53	1.4017		59,825.01 72
Unmitigated	14.7117	21.2639	169.6127	0.5901	73.0299	0.3501	73.3799	19.3749	0.3242	19.6991		59,789.97 53	59,789.97 53	1.4017		59,825.01 72

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	2,306.00	2,306.00	2306.00	12,548,791	12,548,791
Regional Shopping Center	1,534.00	1,534.00	1534.00	3,317,802	3,317,802
Unrefrigerated Warehouse-No Rail	550.00	550.00	550.00	2,992,990	2,992,990
Unrefrigerated Warehouse-Rail	2,952.00	2,952.00	2952.00	16,064,194	16,064,194
Total	7,342.00	7,342.00	7,342.00	34,923,777	34,923,777

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
NaturalGas Unmitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	94.1827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2780.82	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	0.0941827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2.78082	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Unmitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2727	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2727	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	10	4.00	365	200	0.37	CNG

Meridian South Campus - Built/Entitled (Operations - Passenger Cars) - Riverside-South Coast County, Winter

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058

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

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

Boilers

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 5.6:

CALEEMOD OPERATIONAL (TRUCKS) EMISSIONS MODEL OUTPUTS (BUILT/ENTITLED)

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

Meridian South Campus - Built/Entitled (Operations - Trucks)
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Unrefrigerated Warehouse-No Rail	500.00	1000sqft	11.48	500,000.00	0
Unrefrigerated Warehouse-Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Other Asphalt Surfaces	162.80	Acre	162.80	7,091,568.00	0
Regional Shopping Center	15.48	1000sqft	0.36	15,485.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The energy use for all warehouses have been adjusted to reflect the CalEEMod default energy use for Unrefrigerated Warehouse - No Rail.

Water And Wastewater -

Solid Waste -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Truck Fleet Mix estimated by rationing the Trip Rates for each truck type based on information provided in the TIA.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	180.00	0.00
tblEnergyUse	LightingElect	2.37	1.17
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	1.06	0.37
tblEnergyUse	T24NG	3.25	2.00
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	LDA	0.55	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.4130e-003	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	15,480.00	15,485.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	10.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

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tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	92.00	90.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	1.68	0.59
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.64
tblVehicleTrips	ST_TR	1.68	1.72
tblVehicleTrips	SU_TR	1.68	0.59
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.64
tblVehicleTrips	SU_TR	1.68	1.72
tblVehicleTrips	WD_TR	1.68	0.59
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.64
tblVehicleTrips	WD_TR	1.68	1.72

2.0 Emissions Summary

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	10.0152	582.0611	113.0976	3.2001	126.6804	6.3819	133.0623	35.6047	6.1045	41.7092		339,696.8866	339,696.8866	4.0275		339,797.5749
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	70.5324	593.1666	122.0361	3.2400	126.6804	6.8427	133.5231	35.6047	6.5369	42.1416		344,410.8422	344,410.8422	5.0524	0.0302	344,546.1494

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	10.0152	582.0611	113.0976	3.2001	126.6804	6.3819	133.0623	35.6047	6.1045	41.7092		339,696.8866	339,696.8866	4.0275		339,797.5749
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	70.5324	593.1666	122.0361	3.2400	126.6804	6.8427	133.5231	35.6047	6.5369	42.1416		344,410.8422	344,410.8422	5.0524	0.0302	344,546.1494

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

Acres of Paving: 162.8

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.0152	582.0611	113.0976	3.2001	126.6804	6.3819	133.0623	35.6047	6.1045	41.7092		339,696.8 866	339,696.8 866	4.0275		339,797.5 749
Unmitigated	10.0152	582.0611	113.0976	3.2001	126.6804	6.3819	133.0623	35.6047	6.1045	41.7092		339,696.8 866	339,696.8 866	4.0275		339,797.5 749

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	592.00	592.00	592.00	11,638,507	11,638,507
Regional Shopping Center	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	320.00	320.00	320.00	6,291,085	6,291,085
Unrefrigerated Warehouse-Rail	1,720.00	1,720.00	1,720.00	33,814,581	33,814,581
Total	2,632.00	2,632.00	2,632.00	51,744,172	51,744,172

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
NaturalGas Unmitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	94.1827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2780.82	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	0.0941827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2.78082	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Unmitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	10	4.00	365	200	0.37	CNG

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Summer

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058

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

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

Meridian South Campus - Built/Entitled (Operations - Trucks)
Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Refrigerated Warehouse-No Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Unrefrigerated Warehouse-No Rail	500.00	1000sqft	11.48	500,000.00	0
Unrefrigerated Warehouse-Rail	1,000.00	1000sqft	22.96	1,000,000.00	0
Other Asphalt Surfaces	162.80	Acre	162.80	7,091,568.00	0
Regional Shopping Center	15.48	1000sqft	0.36	15,485.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating -

Energy Use - The energy use for all warehouses have been adjusted to reflect the CalEEMod default energy use for Unrefrigerated Warehouse - No Rail.

Water And Wastewater -

Solid Waste -

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Fleet Mix - Truck Fleet Mix estimated by rationing the Trip Rates for each truck type based on information provided in the TIA.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	180.00	0.00
tblEnergyUse	LightingElect	2.37	1.17
tblEnergyUse	NT24E	36.52	0.82
tblEnergyUse	NT24NG	48.51	0.03
tblEnergyUse	T24E	1.06	0.37
tblEnergyUse	T24NG	3.25	2.00
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	HHD	0.07	0.63
tblFleetMix	LDA	0.55	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.4130e-003	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	15,480.00	15,485.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	10.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

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tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

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tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	92.00	90.00

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	PR_TP	92.00	90.00
tblVehicleTrips	ST_TR	1.68	0.59
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.68	0.64
tblVehicleTrips	ST_TR	1.68	1.72
tblVehicleTrips	SU_TR	1.68	0.59
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.68	0.64
tblVehicleTrips	SU_TR	1.68	1.72
tblVehicleTrips	WD_TR	1.68	0.59
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	1.68	0.64
tblVehicleTrips	WD_TR	1.68	1.72

2.0 Emissions Summary

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	9.5891	608.3288	102.6515	3.2015	126.6049	6.3811	132.9860	35.5774	6.1038	41.6812		337,419.0794	337,419.0794	0.5736		337,433.4191
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	70.1063	619.4342	111.5900	3.2414	126.6049	6.8419	133.4468	35.5774	6.5362	42.1136		342,133.0349	342,133.0349	1.5985	0.0302	342,181.9936

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Area	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Energy	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
Mobile	9.5891	608.3288	102.6515	3.2015	126.6049	6.3811	132.9860	35.5774	6.1038	41.6812		337,419.0794	337,419.0794	0.5736		337,433.4191
Offroad	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	70.1063	619.4342	111.5900	3.2414	126.6049	6.8419	133.4468	35.5774	6.5362	42.1136		342,133.0349	342,133.0349	1.5985	0.0302	342,181.9936

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0**

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

Acres of Paving: 162.8

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
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5891	608.3288	102.6515	3.2015	126.6049	6.3811	132.9860	35.5774	6.1038	41.6812		337,419.0794	337,419.0794	0.5736		337,433.4191
Unmitigated	9.5891	608.3288	102.6515	3.2015	126.6049	6.3811	132.9860	35.5774	6.1038	41.6812		337,419.0794	337,419.0794	0.5736		337,433.4191

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	592.00	592.00	592.00	11,638,507	11,638,507
Regional Shopping Center	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	320.00	320.00	320.00	6,291,085	6,291,085
Unrefrigerated Warehouse-Rail	1,720.00	1,720.00	1,720.00	33,814,581	33,814,581
Total	2,632.00	2,632.00	2,632.00	51,744,172	51,744,172

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unrefrigerated Warehouse-No	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10
Unrefrigerated Warehouse-Rail	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Refrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444
NaturalGas Unmitigated	0.1510	1.3724	1.1528	8.2300e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	94.1827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2780.82	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5561.64	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Regional Shopping Center	0.0941827	1.0200e-003	9.2300e-003	7.7600e-003	6.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004		11.0803	11.0803	2.1000e-004	2.0000e-004	11.1462
Unrefrigerated Warehouse-No Rail	2.78082	0.0300	0.2726	0.2290	1.6400e-003		0.0207	0.0207		0.0207	0.0207		327.1555	327.1555	6.2700e-003	6.0000e-003	329.0996
Unrefrigerated Warehouse-Rail	5.56164	0.0600	0.5453	0.4580	3.2700e-003		0.0414	0.0414		0.0414	0.0414		654.3110	654.3110	0.0125	0.0120	658.1993
Total		0.1510	1.3724	1.1528	8.2400e-003		0.1043	0.1043		0.1043	0.1043		1,646.8579	1,646.8579	0.0316	0.0302	1,656.6444

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Unmitigated	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.9290					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	52.3184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0252	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244
Total	59.2726	2.4800e-003	0.2730	2.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		0.5862	0.5862	1.5300e-003		0.6244

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	10	4.00	365	200	0.37	CNG

Meridian South Campus - Built/Entitled (Operations - Trucks) - Riverside-South Coast County, Winter

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058
Total	1.0936	9.7306	7.5127	0.0317		0.3556	0.3556		0.3271	0.3271		3,066.5115	3,066.5115	0.9918		3,091.3058

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

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APPENDIX 5.7:

CALEEMOD BUILDING OPERATIONAL EMISSIONS MODEL OUTPUTS (2003 FOCUSED EIR)

The following land uses were identified in the 2003 EIR Phase III. For purposes of analysis, separate model runs were conducted for building and mobile operations as trips were not calculated for each land use separately and this information was not readily available.

TAZ	Land Use	Quantity
5A	Industrial Park	294.87
5B	Research and Development	84.62
5B	Industrial Park	87.87
5C	Research and Development Cluster	195.15
5C	Industrial Park	52.28
5D	Research and Development	152.46
5D	Industrial Park	121.16
5E	Industrial Park	120.69
5E	Warehousing	97.57
5E	Shopping Center	54.45
5F	Large Industrial Park	524.46
5F	Research and Development	401.73
5G	Warehousing	398.04
5G	Manufacturing	215.62
5H	Large Industrial Park	438.43
5H	Industrial Park	228.70
5H	Research and Development	76.23
5H	Warehousing	618.83
6	Office Space	140.57
6	Research and Development	421.70
7A	Warehousing	157.01
7A	Large Industrial Park	2,306.07
7A	Research and Development Cluster	164.50
7A	Industrial Park	39.20
7B	Industrial Park	166.69
7B	Park (50.75 AC)	2,210.67
7C	Research and Development	39.21
7C	Industrial Park	149.66
7C	Warehousing	107.79
7D	Research and Development	152.46
7D	Shopping Center	54.45

Legend
Industrial Park
Research and Development
Unrefrigerated Warehouse - No Rail
Regional Shopping Center
Manufacturing
General Office Building
Park

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

Meridian South Campus - 2003 EIR Phase III (Building Operations)
Riverside-South Coast County, Summer

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	140.57	1000sqft	3.23	140,570.00	0
Research & Development	1,688.06	1000sqft	38.75	1,688,060.00	0
Industrial Park	4,530.08	1000sqft	104.00	4,530,080.00	0
Manufacturing	215.62	1000sqft	4.95	215,620.00	0
Unrefrigerated Warehouse-No Rail	1,379.24	1000sqft	31.66	1,379,240.00	0
City Park	50.75	Acre	50.75	2,210,670.00	0
Regional Shopping Center	108.90	1000sqft	2.50	108,900.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Building Operations Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - The project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Water And Wastewater -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	300.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	5.61	3.93
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	4.58	3.21
tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	0.37	0.26

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	1.92	1.34
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	2.00	1.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	28.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006

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tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91

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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

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tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003

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tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17

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tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23

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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79

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tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003

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tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19

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tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07

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tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05

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tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004

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tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88

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tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003

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tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05

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tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003

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tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65

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tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04

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tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21

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tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56

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tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79

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tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

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tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003

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tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12

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tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12

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tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12

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tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004

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tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16

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tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01

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tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004

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tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76

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tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51

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tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003

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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09

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tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005

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tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98

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tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004

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tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003

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tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003

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tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	15.00	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	2.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	79.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	54.00	0.00
tblVehicleTrips	PR_TP	82.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	0.00

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	8.11	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Energy	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.2322	8,586.2322	2.7770		8,655.6563
Total	185.3326	45.1354	36.8836	0.1961	0.0000	2.3576	2.3576	0.0000	2.2779	2.2779		30,046.5693	30,046.5693	3.1929	0.3934	30,243.6268

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Area	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Energy	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.2322	8,586.2322	2.7770		8,655.6563
Total	185.3326	45.1354	36.8836	0.1961	0.0000	2.3576	2.3576	0.0000	2.2779	2.2779		30,046.5693	30,046.5693	3.1929	0.3934	30,243.6268

	ROG	NOx	CO	SO2	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	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

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

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

3.2 Demolition - 2020

Unmitigated Construction On-Site

[illegible]

Unmitigated Construction Off-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

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

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

4.0 Operational Detail - Mobile

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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		
Industrial Park	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Research & Development	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Industrial Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Industrial Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Manufacturing	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Research & Development	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.56 15	21,458.56 15	0.4113	0.3934	21,586.07 90
NaturalGas Unmitigated	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.56 15	21,458.56 15	0.4113	0.3934	21,586.07 90

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	935.85	0.0101	0.0918	0.0771	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003		110.1000	110.1000	2.1100e-003	2.0200e-003	110.7542
Industrial Park	30159.2	0.3253	2.9568	2.4837	0.0177		0.2247	0.2247		0.2247	0.2247		3,548.1368	3,548.1368	0.0680	0.0651	3,569.2216
Manufacturing	16469.8	0.1776	1.6147	1.3563	9.6900e-003		0.1227	0.1227		0.1227	0.1227		1,937.6263	1,937.6263	0.0371	0.0355	1,949.1407
Regional Shopping Center	489.304	5.2800e-003	0.0480	0.0403	2.9000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003		57.5652	57.5652	1.1000e-003	1.0600e-003	57.9073
Research & Development	128940	1.3905	12.6412	10.6186	0.0759		0.9607	0.9607		0.9607	0.9607		15,169.4159	15,169.4159	0.2908	0.2781	15,259.5601
Unrefrigerated Warehouse-No Rail	5403.6	0.0583	0.5298	0.4450	3.1800e-003		0.0403	0.0403		0.0403	0.0403		635.7174	635.7174	0.0122	0.0117	639.4951
Total		1.9670	17.8821	15.0210	0.1073		1.3591	1.3591		1.3591	1.3591		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0.93585	0.0101	0.0918	0.0771	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003		110.1000	110.1000	2.1100e-003	2.0200e-003	110.7542
Industrial Park	30.1592	0.3253	2.9568	2.4837	0.0177		0.2247	0.2247		0.2247	0.2247		3,548.1368	3,548.1368	0.0680	0.0651	3,569.2216
Manufacturing	16.4698	0.1776	1.6147	1.3563	9.6900e-003		0.1227	0.1227		0.1227	0.1227		1,937.6263	1,937.6263	0.0371	0.0355	1,949.1407
Regional Shopping Center	0.489304	5.2800e-003	0.0480	0.0403	2.9000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003		57.5652	57.5652	1.1000e-003	1.0600e-003	57.9073
Research & Development	128.94	1.3905	12.6412	10.6186	0.0759		0.9607	0.9607		0.9607	0.9607		15,169.4159	15,169.4159	0.2908	0.2781	15,259.5601
Unrefrigerated Warehouse-No Rail	5.4036	0.0583	0.5298	0.4450	3.1800e-003		0.0403	0.0403		0.0403	0.0403		635.7174	635.7174	0.0122	0.0117	639.4951
Total		1.9670	17.8821	15.0210	0.1073		1.3591	1.3591		1.3591	1.3591		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Unmitigated	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	20.4765					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	159.7508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0764	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Total	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	20.4765					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	159.7508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0764	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Total	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	28	4.00	365	200	0.37	CNG

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UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.232 2	8,586.232 2	2.7770		8,655.656 3
Total	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.232 2	8,586.232 2	2.7770		8,655.656 3

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

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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	140.57	1000sqft	3.23	140,570.00	0
Research & Development	1,688.06	1000sqft	38.75	1,688,060.00	0
Industrial Park	4,530.08	1000sqft	104.00	4,530,080.00	0
Manufacturing	215.62	1000sqft	4.95	215,620.00	0
Unrefrigerated Warehouse-No Rail	1,379.24	1000sqft	31.66	1,379,240.00	0
City Park	50.75	Acre	50.75	2,210,670.00	0
Regional Shopping Center	108.90	1000sqft	2.50	108,900.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Building Operations Run Only.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Energy Use - The project will design building shells and building components to meet 2019 Title 24 Standards which expects 30% less energy for nonresidential uses

Operational Off-Road Equipment - Based on SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results (2014)

Water And Wastewater -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	300.00	0.00
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	3.66	2.56
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	5.61	3.93
tblEnergyUse	LightingElect	2.93	2.05
tblEnergyUse	LightingElect	1.17	0.82
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	3.07	2.15
tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	4.58	3.21
tblEnergyUse	T24E	2.20	1.54
tblEnergyUse	T24E	0.37	0.26

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tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	3.47	2.43
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	1.92	1.34
tblEnergyUse	T24NG	15.36	10.75
tblEnergyUse	T24NG	2.00	1.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	365.00
tblOperationalOffRoadEquipment	OperFuelType	Diesel	CNG
tblOperationalOffRoadEquipment	OperHorsePower	97.00	200.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	28.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79
tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003

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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03

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tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006

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tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94
tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91

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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

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tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003

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tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17

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tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23

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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79

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tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003

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tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003
tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19

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tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07

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tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05

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tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004

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tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88

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tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003

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tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05

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tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003

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tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65

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tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04

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tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21

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tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56

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tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80
tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79

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tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

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tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003

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tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12

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tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12

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tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00
tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12

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tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38
tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004

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tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003
tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16

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tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01

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tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004

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tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57
tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76

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tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51

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tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003

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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09

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tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005

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tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98

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tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004

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tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003

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tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003

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tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	15.00	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	2.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	79.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	54.00	0.00
tblVehicleTrips	PR_TP	82.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	2.49	0.00
tblVehicleTrips	ST_TR	1.49	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	0.73	0.00

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

tblVehicleTrips	SU_TR	0.62	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	6.83	0.00
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	8.11	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Energy	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.2322	8,586.2322	2.7770		8,655.6563
Total	185.3326	45.1354	36.8836	0.1961	0.0000	2.3576	2.3576	0.0000	2.2779	2.2779		30,046.5693	30,046.5693	3.1929	0.3934	30,243.6268

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Area	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Energy	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.2322	8,586.2322	2.7770		8,655.6563
Total	185.3326	45.1354	36.8836	0.1961	0.0000	2.3576	2.3576	0.0000	2.2779	2.2779		30,046.5693	30,046.5693	3.1929	0.3934	30,243.6268

	ROG	NOx	CO	SO2	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	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

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

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

3.2 Demolition - 2020

Unmitigated Construction On-Site

[illegible]

Unmitigated Construction Off-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

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

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

4.0 Operational Detail - Mobile

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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		
Industrial Park	0.00	0.00	0.00		
Manufacturing	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Research & Development	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Industrial Park	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
General Office Building	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Industrial Park	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Manufacturing	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Regional Shopping Center	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Research & Development	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840
Unrefrigerated Warehouse-No Rail	0.551648	0.035769	0.187848	0.110184	0.013450	0.004660	0.017552	0.070120	0.001413	0.001134	0.004476	0.000905	0.000840

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.56 15	21,458.56 15	0.4113	0.3934	21,586.07 90
NaturalGas Unmitigated	1.9670	17.8821	15.0210	0.1073		1.3590	1.3590		1.3590	1.3590		21,458.56 15	21,458.56 15	0.4113	0.3934	21,586.07 90

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	935.85	0.0101	0.0918	0.0771	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003		110.1000	110.1000	2.1100e-003	2.0200e-003	110.7542
Industrial Park	30159.2	0.3253	2.9568	2.4837	0.0177		0.2247	0.2247		0.2247	0.2247		3,548.1368	3,548.1368	0.0680	0.0651	3,569.2216
Manufacturing	16469.8	0.1776	1.6147	1.3563	9.6900e-003		0.1227	0.1227		0.1227	0.1227		1,937.6263	1,937.6263	0.0371	0.0355	1,949.1407
Regional Shopping Center	489.304	5.2800e-003	0.0480	0.0403	2.9000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003		57.5652	57.5652	1.1000e-003	1.0600e-003	57.9073
Research & Development	128940	1.3905	12.6412	10.6186	0.0759		0.9607	0.9607		0.9607	0.9607		15,169.4159	15,169.4159	0.2908	0.2781	15,259.5601
Unrefrigerated Warehouse-No Rail	5403.6	0.0583	0.5298	0.4450	3.1800e-003		0.0403	0.0403		0.0403	0.0403		635.7174	635.7174	0.0122	0.0117	639.4951
Total		1.9670	17.8821	15.0210	0.1073		1.3591	1.3591		1.3591	1.3591		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0.93585	0.0101	0.0918	0.0771	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003		110.1000	110.1000	2.1100e-003	2.0200e-003	110.7542
Industrial Park	30.1592	0.3253	2.9568	2.4837	0.0177		0.2247	0.2247		0.2247	0.2247		3,548.1368	3,548.1368	0.0680	0.0651	3,569.2216
Manufacturing	16.4698	0.1776	1.6147	1.3563	9.6900e-003		0.1227	0.1227		0.1227	0.1227		1,937.6263	1,937.6263	0.0371	0.0355	1,949.1407
Regional Shopping Center	0.489304	5.2800e-003	0.0480	0.0403	2.9000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003		57.5652	57.5652	1.1000e-003	1.0600e-003	57.9073
Research & Development	128.94	1.3905	12.6412	10.6186	0.0759		0.9607	0.9607		0.9607	0.9607		15,169.4159	15,169.4159	0.2908	0.2781	15,259.5601
Unrefrigerated Warehouse-No Rail	5.4036	0.0583	0.5298	0.4450	3.1800e-003		0.0403	0.0403		0.0403	0.0403		635.7174	635.7174	0.0122	0.0117	639.4951
Total		1.9670	17.8821	15.0210	0.1073		1.3591	1.3591		1.3591	1.3591		21,458.5615	21,458.5615	0.4113	0.3934	21,586.0790

6.0 Area Detail**6.1 Mitigation Measures Area**

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Unmitigated	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	20.4765					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	159.7508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0764	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Total	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	20.4765					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	159.7508					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0764	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915
Total	180.3036	7.5100e-003	0.8270	6.0000e-005		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003		1.7756	1.7756	4.6400e-003		1.8915

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Tractors/Loaders/Backhoes	28	4.00	365	200	0.37	CNG

Meridian South Campus - 2003 EIR Phase III (Building Operations) - Riverside-South Coast County, Winter

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Tractors/Loaders/Backhoes	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.232 2	8,586.232 2	2.7770		8,655.656 3
Total	3.0620	27.2458	21.0355	0.0887		0.9956	0.9956		0.9160	0.9160		8,586.232 2	8,586.232 2	2.7770		8,655.656 3

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

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APPENDIX 5.8:

CALEEMOD MOBILE OPERATIONAL (PASSENGER CARS) EMISSIONS MODEL OUTPUTS (2003 FOCUSED EIR)

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars)
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	10,273.14	1000sqft	235.84	10,273,140.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating - Mobile Run Only.

Landscape Equipment - Mobile Run Only.

Energy Use - Mobile Run Only.

Water And Wastewater - Mobile Run Only.

Solid Waste - Mobile Run Only.

Fleet Mix - Passenger Car Fleet Mix for Industrial uses are estimated based on the ratio of the vehicle classes in CalEEMod default fleet mix.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_Nonresidential_Exterior	5136550	0
tblAreaCoating	Area_Nonresidential_Interior	15409650	0
tblConstructionPhase	NumDays	300.00	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24NG	2.92	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	LDA	0.55	0.62

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	10,273,100.00	10,273,140.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	9,553.98	0.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

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tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

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tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

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tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

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tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

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tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

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tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

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tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

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tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

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tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

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tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

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tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

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tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

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tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

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tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

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tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

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tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

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tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

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tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

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tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	ST_TR	1.64	2.82
tblVehicleTrips	SU_TR	0.76	2.82
tblVehicleTrips	WD_TR	11.42	2.82
tblWater	IndoorWaterUseRate	1,825,876,566.51	0.00
tblWater	OutdoorWaterUseRate	1,119,085,637.54	0.00

2.0 Emissions Summary

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	65.4843	44.1686	896.2673	2.8279	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		285,906.4931	285,906.4931	5.3888		286,041.2118
Total	268.9892	44.1781	897.3145	2.8280	328.8489	1.3634	330.2123	87.1741	1.2561	88.4302		285,908.7414	285,908.7414	5.3946	0.0000	286,043.6068

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	65.4843	44.1686	896.2673	2.8279	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		285,906.4931	285,906.4931	5.3888		286,041.2118
Total	268.9892	44.1781	897.3145	2.8280	328.8489	1.3634	330.2123	87.1741	1.2561	88.4302		285,908.7414	285,908.7414	5.3946	0.0000	286,043.6068

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; 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
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

3.2 Demolition - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	65.4843	44.1686	896.2673	2.8279	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		285,906.4931	285,906.4931	5.3888		286,041.2118
Unmitigated	65.4843	44.1686	896.2673	2.8279	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		285,906.4931	285,906.4931	5.3888		286,041.2118

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Office Park	28,953.82	28,953.82	28,953.82	157,560,886	157,560,886
Total	28,953.82	28,953.82	28,953.82	157,560,886	157,560,886

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
Office Park	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Office Park	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Office 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
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

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Office 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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Unmitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

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6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

7.0 Water Detail

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Summer

7.1 Mitigation Measures Water**8.0 Waste Detail**

8.1 Mitigation Measures Waste**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

Equipment Type	Number
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11.0 Vegetation

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars)
Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	10,273.14	1000sqft	235.84	10,273,140.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

Project Characteristics - CO₂e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating - Mobile Run Only.

Landscape Equipment - Mobile Run Only.

Energy Use - Mobile Run Only.

Water And Wastewater - Mobile Run Only.

Solid Waste - Mobile Run Only.

Fleet Mix - Passenger Car Fleet Mix for Industrial uses are estimated based on the ratio of the vehicle classes in CalEEMod default fleet mix.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_Nonresidential_Exterior	5136550	0
tblAreaCoating	Area_Nonresidential_Interior	15409650	0
tblConstructionPhase	NumDays	300.00	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24NG	2.92	0.00
tblFleetMix	HHD	0.07	0.00
tblFleetMix	LDA	0.55	0.62

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblFleetMix	LDT1	0.04	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	10,273,100.00	10,273,140.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	9,553.98	0.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

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tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

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tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

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tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

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tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

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tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

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tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

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tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

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tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

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tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

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tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

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tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

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tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

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tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

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tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

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tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

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tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

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tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

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tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

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tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

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tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

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tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

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tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	ST_TR	1.64	2.82
tblVehicleTrips	SU_TR	0.76	2.82
tblVehicleTrips	WD_TR	11.42	2.82
tblWater	IndoorWaterUseRate	1,825,876,566.51	0.00
tblWater	OutdoorWaterUseRate	1,119,085,637.54	0.00

2.0 Emissions Summary

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	58.3068	45.6471	732.4109	2.5697	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		259,765.2950	259,765.2950	5.4328		259,901.1156
Total	261.8117	45.6566	733.4581	2.5698	328.8489	1.3634	330.2123	87.1741	1.2561	88.4302		259,767.5433	259,767.5433	5.4387	0.0000	259,903.5106

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	58.3068	45.6471	732.4109	2.5697	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		259,765.2950	259,765.2950	5.4328		259,901.1156
Total	261.8117	45.6566	733.4581	2.5698	328.8489	1.3634	330.2123	87.1741	1.2561	88.4302		259,767.5433	259,767.5433	5.4387	0.0000	259,903.5106

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	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	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; 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
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

3.2 Demolition - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	58.3068	45.6471	732.4109	2.5697	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		259,765.2950	259,765.2950	5.4328		259,901.1156
Unmitigated	58.3068	45.6471	732.4109	2.5697	328.8489	1.3596	330.2086	87.1741	1.2524	88.4265		259,765.2950	259,765.2950	5.4328		259,901.1156

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Office Park	28,953.82	28,953.82	28,953.82	157,560,886	157,560,886
Total	28,953.82	28,953.82	28,953.82	157,560,886	157,560,886

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
Office Park	16.60	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Office Park	0.623100	0.040400	0.212100	0.124400	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Office 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
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

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Office 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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Unmitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

7.0 Water Detail

Meridian South Campus - 2003 EIR Phase III (Operations - Passenger Cars) - Riverside-South Coast County, Winter

7.1 Mitigation Measures Water**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 5.9:

CALEEMOD MOBILE OPERATIONAL (TRUCKS) EMISSIONS MODEL OUTPUTS (2003 FOCUSED EIR)

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks)
Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	10,273.14	1000sqft	235.84	10,273,140.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating - Mobile Run Only.

Landscape Equipment - Mobile Run Only.

Energy Use - Mobile Run Only.

Water And Wastewater - Mobile Run Only.

Solid Waste - Mobile Run Only.

Fleet Mix - Truck Fleet Mix based on SCAQMD Warehouse Truck Trip Study Data Results and Usage (2014) recommended truck mix for industrial uses without cold storage

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_Nonresidential_Exterior	5136550	0
tblAreaCoating	Area_Nonresidential_Interior	15409650	0
tblConstructionPhase	NumDays	300.00	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24NG	2.92	0.00
tblFleetMix	HHD	0.07	0.63
tblFleetMix	LDA	0.55	0.00

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	10,273,100.00	10,273,140.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	9,553.98	0.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

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tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

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tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

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tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

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tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

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tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

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tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

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tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

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tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

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tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

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tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

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tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

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tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

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tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

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tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

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tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

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tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

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tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

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tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

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tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	ST_TR	1.64	0.23
tblVehicleTrips	SU_TR	0.76	0.23
tblVehicleTrips	WD_TR	11.42	0.23
tblWater	IndoorWaterUseRate	1,825,876,566.51	0.00
tblWater	OutdoorWaterUseRate	1,119,085,637.54	0.00

2.0 Emissions Summary

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	8.8033	511.6280	99.4121	2.8128	111.3513	5.6096	116.9609	31.2963	5.3658	36.6621		298,591.3858	298,591.3858	3.5402		298,679.8901
Total	212.3082	511.6375	100.4593	2.8129	111.3513	5.6134	116.9646	31.2963	5.3696	36.6658		298,593.6341	298,593.6341	3.5460	0.0000	298,682.2851

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	8.8033	511.6280	99.4121	2.8128	111.3513	5.6096	116.9609	31.2963	5.3658	36.6621		298,591.3858	298,591.3858	3.5402		298,679.8901
Total	212.3082	511.6375	100.4593	2.8129	111.3513	5.6134	116.9646	31.2963	5.3696	36.6658		298,593.6341	298,593.6341	3.5460	0.0000	298,682.2851

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; 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
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

3.2 Demolition - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.8033	511.6280	99.4121	2.8128	111.3513	5.6096	116.9609	31.2963	5.3658	36.6621		298,591.3858	298,591.3858	3.5402		298,679.8901
Unmitigated	8.8033	511.6280	99.4121	2.8128	111.3513	5.6096	116.9609	31.2963	5.3658	36.6621		298,591.3858	298,591.3858	3.5402		298,679.8901

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Office Park	2,313.51	2,313.51	2313.51	45,482,796	45,482,796
Total	2,313.51	2,313.51	2,313.51	45,482,796	45,482,796

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
Office Park	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Office Park	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Office 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
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

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Office 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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Unmitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

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6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

7.0 Water Detail

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Summer

7.1 Mitigation Measures Water**8.0 Waste Detail**

8.1 Mitigation Measures Waste**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

Equipment Type	Number
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11.0 Vegetation

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks)
Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	10,273.14	1000sqft	235.84	10,273,140.00	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)	482.54	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

Project Characteristics - CO2e Intensity Factor has been adjusted to reflect the 2024 RPS target.

Land Use -

Construction Phase - Operations Run Only.

Off-road Equipment - Operations Run Only.

Trips and VMT - Operations Run Only.

Vehicle Trips - Trip Characteristics based on information provided in the Meridian South Campus Traffic Impact Analysis by Urban Crossroads, Inc.

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Vehicle Emission Factors - EMFAC2017

Area Coating - Mobile Run Only.

Landscape Equipment - Mobile Run Only.

Energy Use - Mobile Run Only.

Water And Wastewater - Mobile Run Only.

Solid Waste - Mobile Run Only.

Fleet Mix - Truck Fleet Mix based on SCAQMD Warehouse Truck Trip Study Data Results and Usage (2014) recommended truck mix for industrial uses without cold storage

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_Nonresidential_Exterior	5136550	0
tblAreaCoating	Area_Nonresidential_Interior	15409650	0
tblConstructionPhase	NumDays	300.00	0.00
tblEnergyUse	LightingElect	4.24	0.00
tblEnergyUse	NT24E	2.60	0.00
tblEnergyUse	T24E	3.07	0.00
tblEnergyUse	T24NG	2.92	0.00
tblFleetMix	HHD	0.07	0.63
tblFleetMix	LDA	0.55	0.00

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.17
tblFleetMix	LHD2	4.6600e-003	0.00
tblFleetMix	MCY	4.4760e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	8.4000e-004	0.00
tblFleetMix	MHD	0.02	0.21
tblFleetMix	OBUS	1.4130e-003	0.00
tblFleetMix	SBUS	9.0500e-004	0.00
tblFleetMix	UBUS	1.1340e-003	0.00
tblLandUse	LandUseSquareFeet	10,273,100.00	10,273,140.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	482.54
tblSolidWaste	SolidWasteGenerationRate	9,553.98	0.00
tblVehicleEF	HHD	0.94	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.04	8.38
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.44	2.4500e-003
tblVehicleEF	HHD	6,063.49	1,353.52
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.19	6.79

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.95	1.93
tblVehicleEF	HHD	4.7470e-003	2.6990e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	4.5410e-003	2.5820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.54	0.57
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.5100e-004	2.0200e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	7.2000e-005	1.0000e-006
tblVehicleEF	HHD	2.2620e-003	4.5000e-005
tblVehicleEF	HHD	0.62	0.65
tblVehicleEF	HHD	4.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5100e-004	2.0200e-004

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.89	0.03
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.07	0.00
tblVehicleEF	HHD	1.48	8.27
tblVehicleEF	HHD	0.42	0.22
tblVehicleEF	HHD	1.37	2.3220e-003
tblVehicleEF	HHD	6,423.73	1,336.26
tblVehicleEF	HHD	1,397.92	1,236.09
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	17.75	6.46
tblVehicleEF	HHD	0.90	1.82
tblVehicleEF	HHD	4.0020e-003	2.3850e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03
tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	3.8290e-003	2.2820e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8930e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.51	0.60
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.05	0.02

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tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.03	1.0000e-006
tblVehicleEF	HHD	0.06	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.0000e-005	0.00
tblVehicleEF	HHD	1.3700e-004	2.0000e-006
tblVehicleEF	HHD	2.5590e-003	4.9000e-005
tblVehicleEF	HHD	0.59	0.68
tblVehicleEF	HHD	8.0000e-005	2.0000e-006
tblVehicleEF	HHD	0.08	0.04
tblVehicleEF	HHD	1.5300e-004	2.0400e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	1.02	0.02
tblVehicleEF	HHD	0.03	8.7800e-004
tblVehicleEF	HHD	0.08	0.00
tblVehicleEF	HHD	2.81	8.50
tblVehicleEF	HHD	0.42	0.16
tblVehicleEF	HHD	1.45	2.4460e-003
tblVehicleEF	HHD	5,566.02	1,373.00
tblVehicleEF	HHD	1,397.92	1,223.81
tblVehicleEF	HHD	4.71	0.02
tblVehicleEF	HHD	16.43	7.22
tblVehicleEF	HHD	0.95	1.91
tblVehicleEF	HHD	5.7750e-003	3.0950e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.1380e-003	0.03

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tblVehicleEF	HHD	4.0000e-005	0.00
tblVehicleEF	HHD	5.5250e-003	2.9620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8590e-003	8.8580e-003
tblVehicleEF	HHD	4.9160e-003	0.03
tblVehicleEF	HHD	3.7000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.58	0.52
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.05	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	7.1000e-005	0.00
tblVehicleEF	HHD	5.3000e-005	1.0000e-006
tblVehicleEF	HHD	2.3400e-003	4.9000e-005
tblVehicleEF	HHD	0.67	0.59
tblVehicleEF	HHD	3.5000e-005	1.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	1.6200e-004	2.1500e-004
tblVehicleEF	HHD	0.04	1.0000e-006
tblVehicleEF	LDA	3.0560e-003	1.7230e-003
tblVehicleEF	LDA	3.6940e-003	0.04
tblVehicleEF	LDA	0.48	0.55
tblVehicleEF	LDA	0.88	1.94

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tblVehicleEF	LDA	226.07	242.29
tblVehicleEF	LDA	52.35	49.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.6660e-003	6.2520e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.2630e-003	2.3970e-003
tblVehicleEF	LDA	5.3800e-004	4.9400e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	9.1010e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.4590e-003	1.9630e-003
tblVehicleEF	LDA	3.2010e-003	0.04
tblVehicleEF	LDA	0.59	0.67
tblVehicleEF	LDA	0.77	1.71
tblVehicleEF	LDA	246.14	263.37
tblVehicleEF	LDA	52.35	49.48

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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003
tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	8.6630e-003	7.0570e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.04	0.15
tblVehicleEF	LDA	2.4650e-003	2.6050e-003
tblVehicleEF	LDA	5.3600e-004	4.9000e-004
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.9510e-003	1.6620e-003
tblVehicleEF	LDA	3.7940e-003	0.04
tblVehicleEF	LDA	0.45	0.51
tblVehicleEF	LDA	0.90	1.98
tblVehicleEF	LDA	220.50	236.51
tblVehicleEF	LDA	52.35	49.99
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	1.5420e-003	1.2580e-003

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tblVehicleEF	LDA	2.2240e-003	1.6900e-003
tblVehicleEF	LDA	1.4200e-003	1.1590e-003
tblVehicleEF	LDA	2.0440e-003	1.5540e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.4050e-003	6.0400e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.18
tblVehicleEF	LDA	2.2070e-003	2.3400e-003
tblVehicleEF	LDA	5.3800e-004	4.9500e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	8.7910e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.20
tblVehicleEF	LDT1	8.3780e-003	5.2640e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.09	1.16
tblVehicleEF	LDT1	2.45	2.17
tblVehicleEF	LDT1	285.86	290.48
tblVehicleEF	LDT1	66.26	60.86
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003

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tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.8710e-003	2.8740e-003
tblVehicleEF	LDT1	7.0500e-004	6.0200e-004
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT1	0.28	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.18	0.35
tblVehicleEF	LDT1	9.4770e-003	5.9510e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.31	1.40
tblVehicleEF	LDT1	2.16	1.92
tblVehicleEF	LDT1	310.62	312.92
tblVehicleEF	LDT1	66.26	60.33
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.33	0.33

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.14	0.28
tblVehicleEF	LDT1	3.1220e-003	3.0970e-003
tblVehicleEF	LDT1	7.0000e-004	5.9700e-004
tblVehicleEF	LDT1	0.33	0.33
tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.17	0.69
tblVehicleEF	LDT1	0.16	0.30
tblVehicleEF	LDT1	8.0590e-003	5.0610e-003
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.02	1.08
tblVehicleEF	LDT1	2.50	2.22
tblVehicleEF	LDT1	278.41	283.64
tblVehicleEF	LDT1	66.26	60.97
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	2.2060e-003	1.7970e-003
tblVehicleEF	LDT1	3.2100e-003	2.3630e-003
tblVehicleEF	LDT1	2.0300e-003	1.6540e-003
tblVehicleEF	LDT1	2.9520e-003	2.1720e-003
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10

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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.17	0.32
tblVehicleEF	LDT1	2.7960e-003	2.8070e-003
tblVehicleEF	LDT1	7.0600e-004	6.0300e-004
tblVehicleEF	LDT1	0.14	0.14
tblVehicleEF	LDT1	0.31	0.23
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.19	0.79
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT2	4.4370e-003	3.0680e-003
tblVehicleEF	LDT2	5.1650e-003	0.06
tblVehicleEF	LDT2	0.65	0.78
tblVehicleEF	LDT2	1.18	2.47
tblVehicleEF	LDT2	319.11	303.53
tblVehicleEF	LDT2	73.38	63.90
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40

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tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1960e-003	3.0030e-003
tblVehicleEF	LDT2	7.5300e-004	6.3200e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.28
tblVehicleEF	LDT2	5.0280e-003	3.4890e-003
tblVehicleEF	LDT2	4.4840e-003	0.05
tblVehicleEF	LDT2	0.80	0.96
tblVehicleEF	LDT2	1.04	2.19
tblVehicleEF	LDT2	347.22	324.77
tblVehicleEF	LDT2	73.38	63.35
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	3.4790e-003	3.2130e-003

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tblVehicleEF	LDT2	7.5100e-004	6.2700e-004
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.09	0.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.07	0.25
tblVehicleEF	LDT2	4.2650e-003	2.9430e-003
tblVehicleEF	LDT2	5.3220e-003	0.06
tblVehicleEF	LDT2	0.61	0.73
tblVehicleEF	LDT2	1.21	2.53
tblVehicleEF	LDT2	310.62	297.05
tblVehicleEF	LDT2	73.38	64.02
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	1.6270e-003	1.3240e-003
tblVehicleEF	LDT2	2.3870e-003	1.7420e-003
tblVehicleEF	LDT2	1.4960e-003	1.2190e-003
tblVehicleEF	LDT2	2.1950e-003	1.6020e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.07	0.26
tblVehicleEF	LDT2	3.1100e-003	2.9390e-003
tblVehicleEF	LDT2	7.5400e-004	6.3400e-004
tblVehicleEF	LDT2	0.05	0.08

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tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.46
tblVehicleEF	LDT2	0.08	0.29
tblVehicleEF	LHD1	4.8080e-003	4.5140e-003
tblVehicleEF	LHD1	7.7330e-003	3.9530e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.87
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.76	1.18
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02

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tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.5610e-003	2.7040e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.8020e-003	1.3670e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5250e-003
tblVehicleEF	LHD1	7.8700e-003	4.0100e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	0.74	0.54
tblVehicleEF	LHD1	1.92	0.83
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.08
tblVehicleEF	LHD1	28.79	9.95
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.65	1.11
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7750e-003	5.9720e-003
tblVehicleEF	LHD1	3.2400e-004	9.8000e-005
tblVehicleEF	LHD1	6.6320e-003	5.0340e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.3850e-003	2.5820e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.31	0.44
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	4.8080e-003	4.5130e-003
tblVehicleEF	LHD1	7.7230e-003	3.9460e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17

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tblVehicleEF	LHD1	0.73	0.53
tblVehicleEF	LHD1	2.02	0.88
tblVehicleEF	LHD1	9.23	9.22
tblVehicleEF	LHD1	589.78	614.07
tblVehicleEF	LHD1	28.79	10.02
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	1.74	1.16
tblVehicleEF	LHD1	9.6000e-004	9.9600e-004
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.01	9.2860e-003
tblVehicleEF	LHD1	7.5400e-004	2.0700e-004
tblVehicleEF	LHD1	9.1800e-004	9.5300e-004
tblVehicleEF	LHD1	2.5680e-003	2.5080e-003
tblVehicleEF	LHD1	0.01	8.8650e-003
tblVehicleEF	LHD1	6.9300e-004	1.9000e-004
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9000e-005
tblVehicleEF	LHD1	5.7740e-003	5.9720e-003
tblVehicleEF	LHD1	3.2600e-004	9.9000e-005
tblVehicleEF	LHD1	3.1160e-003	2.3640e-003
tblVehicleEF	LHD1	0.11	0.08

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6420e-003	1.2420e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.33	0.47
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD2	3.1640e-003	2.9170e-003
tblVehicleEF	LHD2	3.1560e-003	3.0330e-003
tblVehicleEF	LHD2	6.0040e-003	7.4140e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.98	0.50
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.10	1.31
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	1.2270e-003	1.4550e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6800e-004	7.6300e-004
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9240e-003
tblVehicleEF	LHD2	3.1850e-003	3.0520e-003
tblVehicleEF	LHD2	5.8080e-003	7.1660e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.94	0.48
tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.66
tblVehicleEF	LHD2	22.65	6.85
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.04	1.23
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01

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tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4300e-004	6.8000e-005
tblVehicleEF	LHD2	2.3110e-003	2.7390e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2400e-003	1.4310e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.07	0.21
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	3.1640e-003	2.9160e-003
tblVehicleEF	LHD2	3.1490e-003	3.0280e-003
tblVehicleEF	LHD2	6.0380e-003	7.4680e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.36	0.41
tblVehicleEF	LHD2	0.99	0.51

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tblVehicleEF	LHD2	14.26	14.53
tblVehicleEF	LHD2	587.76	613.65
tblVehicleEF	LHD2	22.65	6.89
tblVehicleEF	LHD2	0.10	0.11
tblVehicleEF	LHD2	1.09	1.29
tblVehicleEF	LHD2	1.2560e-003	1.4670e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.4800e-004	1.0300e-004
tblVehicleEF	LHD2	1.2020e-003	1.4030e-003
tblVehicleEF	LHD2	2.7040e-003	2.7160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.2000e-004	9.4000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.08	0.04
tblVehicleEF	LHD2	5.7120e-003	5.9120e-003
tblVehicleEF	LHD2	2.4400e-004	6.8000e-005
tblVehicleEF	LHD2	9.5000e-004	1.1140e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.6800e-004	6.3600e-004
tblVehicleEF	LHD2	0.05	0.06

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tblVehicleEF	LHD2	0.07	0.22
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.52	18.66
tblVehicleEF	MCY	9.72	8.60
tblVehicleEF	MCY	167.91	208.37
tblVehicleEF	MCY	44.95	59.78
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.12	2.13
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.04	1.80
tblVehicleEF	MCY	2.0440e-003	2.0620e-003
tblVehicleEF	MCY	6.6800e-004	5.9200e-004
tblVehicleEF	MCY	1.69	1.68
tblVehicleEF	MCY	0.82	0.83
tblVehicleEF	MCY	0.91	0.90
tblVehicleEF	MCY	2.63	2.64
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	2.22	1.96

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tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.21	19.32
tblVehicleEF	MCY	9.09	8.01
tblVehicleEF	MCY	167.91	209.35
tblVehicleEF	MCY	44.95	58.19
tblVehicleEF	MCY	0.97	0.97
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.10	2.11
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.0540e-003	2.0720e-003
tblVehicleEF	MCY	6.5200e-004	5.7600e-004
tblVehicleEF	MCY	3.35	3.31
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	2.08	2.05
tblVehicleEF	MCY	2.61	2.62
tblVehicleEF	MCY	0.54	1.71
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.15	0.24

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tblVehicleEF	MCY	18.09	18.23
tblVehicleEF	MCY	9.70	8.56
tblVehicleEF	MCY	167.91	207.67
tblVehicleEF	MCY	44.95	59.73
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	1.9220e-003	1.8970e-003
tblVehicleEF	MCY	3.1990e-003	2.7140e-003
tblVehicleEF	MCY	1.7950e-003	1.7720e-003
tblVehicleEF	MCY	3.0050e-003	2.5480e-003
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.11	2.12
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.05	1.81
tblVehicleEF	MCY	2.0370e-003	2.0550e-003
tblVehicleEF	MCY	6.6800e-004	5.9100e-004
tblVehicleEF	MCY	1.58	1.59
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.72	0.73
tblVehicleEF	MCY	2.63	2.63
tblVehicleEF	MCY	0.61	1.95
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MDV	9.0280e-003	3.8660e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.07	0.88
tblVehicleEF	MDV	2.38	2.80

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tblVehicleEF	MDV	444.64	380.99
tblVehicleEF	MDV	101.02	79.79
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.18	0.34
tblVehicleEF	MDV	4.4520e-003	3.7660e-003
tblVehicleEF	MDV	1.0520e-003	7.9000e-004
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.09	0.10
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.19	0.37
tblVehicleEF	MDV	0.01	4.4030e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.31	1.08
tblVehicleEF	MDV	2.10	2.47
tblVehicleEF	MDV	482.68	403.42
tblVehicleEF	MDV	101.02	79.12

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tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	1.6570e-003	1.3760e-003
tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.15	0.29
tblVehicleEF	MDV	4.8360e-003	3.9880e-003
tblVehicleEF	MDV	1.0460e-003	7.8300e-004
tblVehicleEF	MDV	0.20	0.23
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.16	0.19
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.17	0.32
tblVehicleEF	MDV	8.6740e-003	3.7110e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.00	0.82
tblVehicleEF	MDV	2.43	2.87
tblVehicleEF	MDV	433.14	374.20
tblVehicleEF	MDV	101.02	79.93
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	1.6570e-003	1.3760e-003

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tblVehicleEF	MDV	2.3540e-003	1.7750e-003
tblVehicleEF	MDV	1.5260e-003	1.2690e-003
tblVehicleEF	MDV	2.1650e-003	1.6320e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	4.3370e-003	3.6990e-003
tblVehicleEF	MDV	1.0530e-003	7.9100e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.12	0.53
tblVehicleEF	MDV	0.20	0.38
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.95	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.38	4.04
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.29	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.30	0.00
tblVehicleEF	MH	0.07	0.00
tblVehicleEF	MH	0.46	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.75	0.32
tblVehicleEF	MH	4.61	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.28	3.81
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	9.8840e-003	8.7110e-003
tblVehicleEF	MH	6.5000e-004	0.00
tblVehicleEF	MH	2.37	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.31	0.00
tblVehicleEF	MH	0.02	3.1780e-003
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	1.70	0.32
tblVehicleEF	MH	4.99	0.00
tblVehicleEF	MH	997.37	921.43
tblVehicleEF	MH	56.92	0.00
tblVehicleEF	MH	1.37	4.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	9.3700e-004	0.00

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tblVehicleEF	MH	3.2450e-003	4.0000e-003
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	8.6100e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	9.8830e-003	8.7110e-003
tblVehicleEF	MH	6.5600e-004	0.00
tblVehicleEF	MH	1.29	0.00
tblVehicleEF	MH	0.09	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MHD	0.02	3.2360e-003
tblVehicleEF	MHD	2.3370e-003	1.1890e-003
tblVehicleEF	MHD	0.04	8.2020e-003
tblVehicleEF	MHD	0.32	0.35
tblVehicleEF	MHD	0.19	0.16
tblVehicleEF	MHD	4.66	0.92
tblVehicleEF	MHD	149.14	67.57
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.28
tblVehicleEF	MHD	0.41	0.38

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tblVehicleEF	MHD	0.47	0.90
tblVehicleEF	MHD	1.1800e-004	3.6800e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.1300e-004	3.5200e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.4340e-003	6.4100e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2000e-004	8.2000e-005
tblVehicleEF	MHD	1.4090e-003	6.1300e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.2900e-004	3.1800e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.31	0.05
tblVehicleEF	MHD	0.02	3.0810e-003
tblVehicleEF	MHD	2.3650e-003	1.2070e-003
tblVehicleEF	MHD	0.04	7.9360e-003

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tblVehicleEF	MHD	0.23	0.31
tblVehicleEF	MHD	0.20	0.16
tblVehicleEF	MHD	4.45	0.88
tblVehicleEF	MHD	157.97	67.48
tblVehicleEF	MHD	1,057.85	926.26
tblVehicleEF	MHD	53.85	8.21
tblVehicleEF	MHD	0.42	0.38
tblVehicleEF	MHD	0.44	0.85
tblVehicleEF	MHD	1.0000e-004	3.1300e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	9.5000e-005	3.0000e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.28	0.04
tblVehicleEF	MHD	1.5170e-003	6.4000e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.1600e-004	8.1000e-005
tblVehicleEF	MHD	2.7150e-003	1.1690e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02

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tblVehicleEF	MHD	1.3900e-003	6.1000e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.09
tblVehicleEF	MHD	0.30	0.05
tblVehicleEF	MHD	0.02	3.4620e-003
tblVehicleEF	MHD	2.3160e-003	1.1760e-003
tblVehicleEF	MHD	0.04	8.2760e-003
tblVehicleEF	MHD	0.44	0.42
tblVehicleEF	MHD	0.19	0.15
tblVehicleEF	MHD	4.73	0.93
tblVehicleEF	MHD	136.93	67.69
tblVehicleEF	MHD	1,057.85	926.25
tblVehicleEF	MHD	53.85	8.31
tblVehicleEF	MHD	0.39	0.40
tblVehicleEF	MHD	0.46	0.89
tblVehicleEF	MHD	1.4400e-004	4.4400e-004
tblVehicleEF	MHD	2.6870e-003	9.3080e-003
tblVehicleEF	MHD	7.0900e-004	9.4000e-005
tblVehicleEF	MHD	1.3800e-004	4.2500e-004
tblVehicleEF	MHD	2.5680e-003	8.9020e-003
tblVehicleEF	MHD	6.5200e-004	8.6000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.10

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tblVehicleEF	MHD	0.29	0.04
tblVehicleEF	MHD	1.3190e-003	6.4200e-004
tblVehicleEF	MHD	0.01	8.8240e-003
tblVehicleEF	MHD	6.2100e-004	8.2000e-005
tblVehicleEF	MHD	1.0090e-003	4.5000e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.6500e-004	2.5200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.32	0.05
tblVehicleEF	OBUS	0.01	8.5080e-003
tblVehicleEF	OBUS	5.0590e-003	4.2530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.50
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.25	2.37
tblVehicleEF	OBUS	68.87	68.87
tblVehicleEF	OBUS	1,088.96	1,309.02
tblVehicleEF	OBUS	69.21	19.83
tblVehicleEF	OBUS	0.13	0.25
tblVehicleEF	OBUS	0.36	0.82
tblVehicleEF	OBUS	1.2000e-005	8.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.2000e-005	8.0000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003

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tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.33	0.11
tblVehicleEF	OBUS	6.6900e-004	6.5700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8400e-004	1.9600e-004
tblVehicleEF	OBUS	2.0530e-003	2.6050e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.9600e-004	1.1300e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	OBUS	0.01	8.5790e-003
tblVehicleEF	OBUS	5.1570e-003	4.3450e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.50
tblVehicleEF	OBUS	0.35	0.53
tblVehicleEF	OBUS	4.91	2.22
tblVehicleEF	OBUS	71.95	68.13
tblVehicleEF	OBUS	1,088.96	1,309.04
tblVehicleEF	OBUS	69.21	19.57

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.14	0.24
tblVehicleEF	OBUS	0.33	0.76
tblVehicleEF	OBUS	1.0000e-005	7.4000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.0000e-005	7.1000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	6.9900e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7800e-004	1.9400e-004
tblVehicleEF	OBUS	3.8120e-003	4.7440e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.7010e-003	2.1360e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.27
tblVehicleEF	OBUS	0.34	0.12
tblVehicleEF	OBUS	0.01	8.4380e-003
tblVehicleEF	OBUS	5.0420e-003	4.2250e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.51
tblVehicleEF	OBUS	0.35	0.52
tblVehicleEF	OBUS	5.30	2.40
tblVehicleEF	OBUS	64.61	69.89
tblVehicleEF	OBUS	1,088.96	1,309.01
tblVehicleEF	OBUS	69.21	19.87
tblVehicleEF	OBUS	0.13	0.27
tblVehicleEF	OBUS	0.36	0.81
tblVehicleEF	OBUS	1.5000e-005	9.6000e-005
tblVehicleEF	OBUS	2.0390e-003	8.1830e-003
tblVehicleEF	OBUS	8.9200e-004	2.0000e-004
tblVehicleEF	OBUS	1.4000e-005	9.2000e-005
tblVehicleEF	OBUS	1.9330e-003	7.8150e-003
tblVehicleEF	OBUS	8.2000e-004	1.8400e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	6.2900e-004	6.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8500e-004	1.9700e-004
tblVehicleEF	OBUS	1.7480e-003	2.3240e-003
tblVehicleEF	OBUS	0.02	0.03

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	8.2000e-004	1.0670e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.28
tblVehicleEF	OBUS	0.36	0.13
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.0390e-003	5.9240e-003
tblVehicleEF	SBUS	0.06	7.2340e-003
tblVehicleEF	SBUS	7.86	3.17
tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.35	0.94
tblVehicleEF	SBUS	1,119.53	360.62
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.13
tblVehicleEF	SBUS	8.21	3.27
tblVehicleEF	SBUS	3.64	4.25
tblVehicleEF	SBUS	7.3700e-003	3.1780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	7.0510e-003	3.0400e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.35	0.04
tblVehicleEF	SBUS	0.01	3.4450e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.6700e-004	6.1000e-005
tblVehicleEF	SBUS	5.3320e-003	1.5970e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.5740e-003	7.7400e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.39	0.05
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	9.1700e-003	5.9920e-003
tblVehicleEF	SBUS	0.05	6.0650e-003
tblVehicleEF	SBUS	7.76	3.13
tblVehicleEF	SBUS	0.56	0.49
tblVehicleEF	SBUS	4.60	0.68
tblVehicleEF	SBUS	1,169.74	369.09
tblVehicleEF	SBUS	1,088.21	1,081.75
tblVehicleEF	SBUS	55.65	5.70
tblVehicleEF	SBUS	8.48	3.34
tblVehicleEF	SBUS	3.42	4.00
tblVehicleEF	SBUS	6.2130e-003	2.6870e-003
tblVehicleEF	SBUS	0.01	0.01

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	5.9440e-003	2.5700e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.30	0.03
tblVehicleEF	SBUS	0.01	3.5250e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.3700e-004	5.6000e-005
tblVehicleEF	SBUS	9.5960e-003	2.8720e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	4.7380e-003	1.4230e-003
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.32	0.04
tblVehicleEF	SBUS	0.81	0.08
tblVehicleEF	SBUS	8.9970e-003	5.9160e-003
tblVehicleEF	SBUS	0.06	7.4960e-003
tblVehicleEF	SBUS	8.01	3.22

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	0.55	0.48
tblVehicleEF	SBUS	6.70	0.98
tblVehicleEF	SBUS	1,050.20	348.92
tblVehicleEF	SBUS	1,088.21	1,081.74
tblVehicleEF	SBUS	55.65	6.21
tblVehicleEF	SBUS	7.85	3.17
tblVehicleEF	SBUS	3.60	4.22
tblVehicleEF	SBUS	8.9680e-003	3.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	5.2800e-004	4.6000e-005
tblVehicleEF	SBUS	8.5800e-003	3.6900e-003
tblVehicleEF	SBUS	2.6840e-003	2.6490e-003
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	4.8600e-004	4.3000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.93	0.37
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.37	0.04
tblVehicleEF	SBUS	0.01	3.3350e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7300e-004	6.1000e-005
tblVehicleEF	SBUS	4.5600e-003	1.3650e-003
tblVehicleEF	SBUS	0.04	0.01

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	SBUS	1.34	0.53
tblVehicleEF	SBUS	2.4660e-003	7.4300e-004
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.40	0.05
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.09	26.11
tblVehicleEF	UBUS	13.03	1.46
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.32
tblVehicleEF	UBUS	3.44	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	1.7600e-003	1.7100e-004
tblVehicleEF	UBUS	8.5980e-003	1.5820e-003
tblVehicleEF	UBUS	0.10	9.8460e-003
tblVehicleEF	UBUS	4.3570e-003	6.9400e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.15	0.08
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	7.15	26.11
tblVehicleEF	UBUS	11.17	1.24
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	16.95
tblVehicleEF	UBUS	3.21	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	0.38	0.05
tblVehicleEF	UBUS	0.02	0.05

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.96	0.07
tblVehicleEF	UBUS	9.3630e-003	4.6650e-003
tblVehicleEF	UBUS	1.7280e-003	1.6800e-004
tblVehicleEF	UBUS	0.02	2.8210e-003
tblVehicleEF	UBUS	0.12	0.01
tblVehicleEF	UBUS	8.6330e-003	1.4240e-003
tblVehicleEF	UBUS	1.71	3.43
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	1.05	0.07
tblVehicleEF	UBUS	1.29	3.36
tblVehicleEF	UBUS	0.08	0.02
tblVehicleEF	UBUS	7.08	26.11
tblVehicleEF	UBUS	13.21	1.45
tblVehicleEF	UBUS	1,778.37	1,592.06
tblVehicleEF	UBUS	152.35	17.30
tblVehicleEF	UBUS	3.42	0.31
tblVehicleEF	UBUS	0.49	0.09
tblVehicleEF	UBUS	0.01	0.02
tblVehicleEF	UBUS	0.04	2.5920e-003
tblVehicleEF	UBUS	1.5030e-003	1.9600e-004
tblVehicleEF	UBUS	0.21	0.04
tblVehicleEF	UBUS	3.0000e-003	5.4780e-003
tblVehicleEF	UBUS	0.04	2.4630e-003
tblVehicleEF	UBUS	1.3820e-003	1.8000e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

tblVehicleEF	UBUS	0.37	0.05
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.06	0.07
tblVehicleEF	UBUS	9.3620e-003	4.6650e-003
tblVehicleEF	UBUS	1.7630e-003	1.7100e-004
tblVehicleEF	UBUS	7.6950e-003	1.6700e-003
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.9440e-003	7.3300e-004
tblVehicleEF	UBUS	1.70	3.43
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.16	0.08
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	60.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	PB_TP	3.00	10.00
tblVehicleTrips	PR_TP	82.00	90.00
tblVehicleTrips	ST_TR	1.64	0.23
tblVehicleTrips	SU_TR	0.76	0.23
tblVehicleTrips	WD_TR	11.42	0.23
tblWater	IndoorWaterUseRate	1,825,876,566.51	0.00
tblWater	OutdoorWaterUseRate	1,119,085,637.54	0.00

2.0 Emissions Summary

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

[illegible]

Mitigated Construction

[illegible][illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	8.4288	534.7171	90.2300	2.8141	111.2849	5.6089	116.8938	31.2723	5.3652	36.6375		296,589.2078	296,589.2078	0.5042		296,601.8123
Total	211.9336	534.7266	91.2772	2.8142	111.2849	5.6127	116.8975	31.2723	5.3689	36.6412		296,591.4561	296,591.4561	0.5101	0.0000	296,604.2073

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	8.4288	534.7171	90.2300	2.8141	111.2849	5.6089	116.8938	31.2723	5.3652	36.6375		296,589.2078	296,589.2078	0.5042		296,601.8123
Total	211.9336	534.7266	91.2772	2.8142	111.2849	5.6127	116.8975	31.2723	5.3689	36.6412		296,591.4561	296,591.4561	0.5101	0.0000	296,604.2073

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	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	7/1/2020	6/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; 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
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

3.2 Demolition - 2020

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000

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

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.4288	534.7171	90.2300	2.8141	111.2849	5.6089	116.8938	31.2723	5.3652	36.6375		296,589.2078	296,589.2078	0.5042		296,601.8123
Unmitigated	8.4288	534.7171	90.2300	2.8141	111.2849	5.6089	116.8938	31.2723	5.3652	36.6375		296,589.2078	296,589.2078	0.5042		296,601.8123

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Office Park	2,313.51	2,313.51	2313.51	45,482,796	45,482,796
Total	2,313.51	2,313.51	2,313.51	45,482,796	45,482,796

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
Office Park	60.00	8.40	6.90	100.00	0.00	0.00	90	0	10

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Office Park	0.000000	0.000000	0.000000	0.000000	0.167000	0.000000	0.207000	0.626000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Office 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
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

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

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	lb/day										lb/day					
Office 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
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

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Unmitigated	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	203.4082					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0967	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950
Total	203.5049	9.5100e-003	1.0472	8.0000e-005		3.7300e-003	3.7300e-003		3.7300e-003	3.7300e-003		2.2483	2.2483	5.8700e-003		2.3950

7.0 Water Detail

Meridian South Campus - 2003 EIR Phase III (Operations - Trucks) - Riverside-South Coast County, Winter

7.1 Mitigation Measures Water**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

Equipment Type	Number
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11.0 Vegetation

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APPENDIX 5.10:

RCEM VILLAGE WEST DRIVE EXTENSION (UNMITIGATED) EMISSIONS MODEL OUTPUTS

Road Construction Emissions Model, Version 9.0.0

Daily Emission Estimates for -> Village West Drive Extension														
Project Phases (Pounds)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	SOx (lbs/day)	CO2 (lbs/day)	CH4 (lbs/day)	N2O (lbs/day)	CO2e (lbs/day)
Grubbing/Land Clearing	0.97	6.96	10.50	10.43	0.43	10.00	2.47	0.39	2.08	0.02	1,674.62	0.42	0.04	1,697.81
Grading/Excavation	4.93	40.59	53.77	12.30	2.30	10.00	4.16	2.08	2.08	0.09	8,361.44	2.47	0.11	8,456.03
Drainage/Utilities/Sub-Grade	4.14	35.01	42.88	11.90	1.90	10.00	3.83	1.75	2.08	0.07	6,885.82	1.58	0.09	6,952.90
Paving	1.62	17.63	15.55	0.89	0.89	0.00	0.80	0.80	0.00	0.03	2,839.65	0.74	0.06	2,875.02
Maximum (pounds/day)	4.93	40.59	53.77	12.30	2.30	10.00	4.16	2.08	2.08	0.09	8,361.44	2.47	0.11	8,456.03
Total (tons/construction project)	0.12	1.04	1.31	0.34	0.06	0.28	0.11	0.05	0.06	0.00	207.92	0.06	0.00	210.17
Notes: Project Start Year -> 2021														
Project Length (months) -> 3														
Total Project Area (acres) -> 5														
Maximum Area Disturbed/Day (acres) -> 1														
Water Truck Used? -> Yes														
Total Material Imported/Exported Volume (yd³/day)														
Daily VMT (miles/day)														
Phase Soil Asphalt Soil Hauling Asphalt Hauling Worker Commute Water Truck														
Grubbing/Land Clearing 0 0 0 0 200 40														
Grading/Excavation 0 0 0 0 720 40														
Drainage/Utilities/Sub-Grade 0 0 0 0 600 40														
Paving 0 0 0 0 480 40														
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.														
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.														
CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1, 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.														
Total Emission Estimates by Phase for -> Village West Drive Extension														
Project Phases	ROG (tons/phase)	CO (tons/phase)	NOx (tons/phase)	PM10 (tons/phase)	Exhaust PM10 (tons/phase)	Fugitive Dust PM10 (tons/phase)	Total PM2.5 (tons/phase)	Exhaust PM2.5 (tons/phase)	Fugitive Dust PM2.5 (tons/phase)	SOx (tons/phase)	CO2 (tons/phase)	CH4 (tons/phase)	N2O (tons/phase)	CO2e (MT/phase)
(Tons for all except CO2e. Metric tonnes for CO2e)														
Grubbing/Land Clearing	0.00	0.02	0.03	0.03	0.00	0.03	0.01	0.00	0.01	0.00	5.53	0.00	0.00	5.08
Grading/Excavation	0.06	0.51	0.68	0.16	0.03	0.13	0.05	0.03	0.03	0.00	105.77	0.03	0.00	97.04
Drainage/Utilities/Sub-Grade	0.05	0.42	0.51	0.14	0.02	0.12	0.05	0.02	0.02	0.00	82.56	0.02	0.00	75.63
Paving	0.01	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.06	0.00	0.00	12.91
Maximum (tons/phase)	0.06	0.51	0.68	0.16	0.03	0.13	0.05	0.03	0.03	0.00	105.77	0.03	0.00	97.04
Total (tons/construction project)	0.12	1.04	1.31	0.34	0.06	0.28	0.11	0.05	0.06	0.00	207.92	0.06	0.00	190.66
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.														
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.														
CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1, 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.														
The CO2e emissions are reported as metric tons per phase.														

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APPENDIX 5.11:

RCEM VILLAGE WEST DRIVE EXTENSION (MITIGATED) EMISSIONS MODEL OUTPUTS

Road Construction Emissions Model, Version 9.0.0

Daily Emission Estimates for -> Village West Drive Extension																																																														
Project Phases (Pounds)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	Total PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	SOx (lbs/day)	CO2 (lbs/day)	CH4 (lbs/day)	N2O (lbs/day)	CO2e (lbs/day)																																																
Grubbing/Land Clearing	0.52	9.79	2.38	4.03	0.13	3.90	0.92	0.11	0.81	0.02	1,674.62	0.42	0.04	1,697.81																																																
Grading/Excavation	2.61	50.73	6.51	4.28	0.38	3.90	1.12	0.31	0.81	0.09	8,361.44	2.47	0.11	8,456.03																																																
Drainage/Utilities/Sub-Grade	2.07	40.68	5.73	4.24	0.34	3.90	1.09	0.27	0.81	0.07	6,885.82	1.58	0.09	6,952.90																																																
Paving	0.87	19.76	3.06	0.19	0.19	0.00	0.15	0.15	0.00	0.03	2,839.65	0.74	0.06	2,875.02																																																
Maximum (pounds/day)	2.61	50.73	6.51	4.28	0.38	3.90	1.12	0.31	0.81	0.09	8,361.44	2.47	0.11	8,456.03																																																
Total (tons/construction project)	0.06	1.26	0.17	0.12	0.01	0.11	0.03	0.01	0.02	0.00	207.92	0.06	0.00	210.17																																																
Notes: Project Start Year -> 2021																																																														
Project Length (months) -> 3																																																														
Total Project Area (acres) -> 5																																																														
Maximum Area Disturbed/Day (acres) -> 1																																																														
Water Truck Used? -> Yes																																																														
<table><tr><td colspan="2"></td><td colspan="2">Total Material Imported/Exported Volume (yd³/day)</td><td colspan="4">Daily VMT (miles/day)</td></tr><tr><td>Phase</td><td>Soil</td><td>Asphalt</td><td></td><td>Soil Hauling</td><td>Asphalt Hauling</td><td>Worker Commute</td><td>Water Truck</td></tr><tr><td>Grubbing/Land Clearing</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td><td>200</td><td>40</td></tr><tr><td>Grading/Excavation</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td><td>720</td><td>40</td></tr><tr><td>Drainage/Utilities/Sub-Grade</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td><td>600</td><td>40</td></tr><tr><td>Paving</td><td>0</td><td>0</td><td></td><td>0</td><td>0</td><td>480</td><td>40</td></tr></table>																	Total Material Imported/Exported Volume (yd ³ /day)		Daily VMT (miles/day)				Phase	Soil	Asphalt		Soil Hauling	Asphalt Hauling	Worker Commute	Water Truck	Grubbing/Land Clearing	0	0		0	0	200	40	Grading/Excavation	0	0		0	0	720	40	Drainage/Utilities/Sub-Grade	0	0		0	0	600	40	Paving	0	0		0	0	480	40
		Total Material Imported/Exported Volume (yd ³ /day)		Daily VMT (miles/day)																																																										
Phase	Soil	Asphalt		Soil Hauling	Asphalt Hauling	Worker Commute	Water Truck																																																							
Grubbing/Land Clearing	0	0		0	0	200	40																																																							
Grading/Excavation	0	0		0	0	720	40																																																							
Drainage/Utilities/Sub-Grade	0	0		0	0	600	40																																																							
Paving	0	0		0	0	480	40																																																							
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.																																																														
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.																																																														
CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1 , 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.																																																														
Total Emission Estimates by Phase for -> Village West Drive Extension																																																														
Project Phases	ROG (tons/phase)	CO (tons/phase)	NOx (tons/phase)	Total PM10 (tons/phase)	Exhaust PM10 (tons/phase)	Fugitive Dust PM10 (tons/phase)	Total PM2.5 (tons/phase)	Exhaust PM2.5 (tons/phase)	Fugitive Dust PM2.5 (tons/phase)	SOx (tons/phase)	CO2 (tons/phase)	CH4 (tons/phase)	N2O (tons/phase)	CO2e (MT/phase)																																																
(Tons for all except CO2e. Metric tonnes for CO2e)																																																														
Grubbing/Land Clearing	0.00	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.53	0.00	0.00	5.08																																																
Grading/Excavation	0.03	0.64	0.08	0.05	0.00	0.05	0.01	0.00	0.01	0.00	105.77	0.03	0.00	97.04																																																
Drainage/Utilities/Sub-Grade	0.02	0.49	0.07	0.05	0.00	0.05	0.01	0.00	0.01	0.00	82.56	0.02	0.00	75.63																																																
Paving	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.06	0.00	0.00	12.91																																																
Maximum (tons/phase)	0.03	0.64	0.08	0.05	0.00	0.05	0.01	0.00	0.01	0.00	105.77	0.03	0.00	97.04																																																
Total (tons/construction project)	0.06	1.26	0.17	0.12	0.01	0.11	0.03	0.01	0.02	0.00	207.92	0.06	0.00	190.66																																																
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.																																																														
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.																																																														
CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1 , 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.																																																														
The CO2e emissions are reported as metric tons per phase.																																																														

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APPENDIX 5.12:
EMFAC2017 MODEL OUTPUTS

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2024^{1,2}

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0045137	0.002917314	0.003236496	0.027761924	0.0085079	0	0	0.0796776	0
Annual	CH4_RUNEX	0.0017226	0.0052645	0.0030678	0.0038662	0.0039529	0.003033026	0.00118926	0.018365964	0.0042534	3.358237	0.3169795	0.0059239	0.0031778
Annual	CH4_STREX	0.0410177	0.064633	0.0574646	0.0705297	0.0126453	0.007414486	0.008201916	1.38739E-07	0.0222849	0.0187381	0.2384809	0.0072342	0
Annual	CO_IDLEX	0	0	0	0	0.1693429	0.131182851	0.354495104	8.37706259	0.5049924	0	0	0.1669445	0
Annual	CO_RUNEX	0.5427955	1.1505309	0.7805136	0.8763203	0.5323702	0.40621711	0.155840196	0.215105194	0.5182256	26.106513	18.660964	0.4816643	0.3168517
Annual	CO_STREX	1.9335148	2.1567983	2.4560064	2.7888008	0.8732048	0.502862876	0.920124954	0.002449659	2.3733803	1.4592214	8.6037	0.9361671	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	9.2199314	14.53322953	67.57155339	1353.523613	68.866629	0	0	0.360.61893	0
Annual	CO2_NBIO_RUNEX	242.29088	290.47928	303.53074	380.99042	614.06916	613.6522278	926.2575477	1236.094129	1309.0198	1592.0562	208.36757	1081.7384	921.42562
Annual	CO2_NBIO_STREX	49.914065	60.858	63.901915	79.793246	10.019143	6.886902392	8.284132815	0.019551475	19.827834	17.323241	59.779523	6.1295605	0
Annual	NOX_IDLEX	0	0	0	0	0.0771779	0.111576394	0.384492446	6.794306175	0.2523231	0	0	3.265851	0
Annual	NOX_RUNEX	0.0280584	0.0932413	0.0600677	0.077736	1.1764611	1.306164623	0.899851034	1.927045842	0.8159003	0.3116037	1.1180092	4.24959	4.0412613
Annual	NOX_STREX ³	0.1558695	0.2366255	0.2329845	0.2971464	0.2746284	0.169605142	1.74228446	2.396976048	0.7465702	0.1637146	0.2614603	0.8654084	0
Annual	PM10_IDLEX	0	0	0	0	0.0009964	0.001466571	0.000368095	0.002698613	8.36E-05	0	0	0.0031779	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061012308	0.13034	0.0878825	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0100333	0.010865597	0.012000003	0.035572726	0.012	0.0219127	0.004	0.0105956	0.016
Annual	PM10_RUNEX	0.001252	0.0017884	0.0013175	0.0013694	0.0092855	0.012626677	0.00930804	0.026921759	0.0081829	0.0025925	0.0018968	0.0242894	0.1277456
Annual	PM10_STREX	0.0016815	0.0023506	0.001733	0.0017661	0.0002067	0.000102652	9.38697E-05	2.42604E-07	0.0002	0.0001958	0.0027137	4.634E-05	0
Annual	PM25_IDLEX	0	0	0	0	0.0009533	0.001403128	0.000352171	0.002581872	7.998E-05	0	0	0.0030404	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026148132	0.05586	0.0376639	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025083	0.002716399	0.003000001	0.008893182	0.003	0.0054782	0.001	0.0026489	0.004
Annual	PM25_RUNEX	0.001153	0.0016456	0.0012126	0.001263	0.008865	0.012070906	0.008901755	0.025757128	0.0078146	0.0024629	0.0017717	0.0232277	0.1222194
Annual	PM25_STREX	0.0015461	0.0021613	0.0015934	0.0016239	0.0001901	9.43848E-05	8.63097E-05	2.23065E-07	0.0001839	0.00018	0.0025475	4.261E-05	0
Annual	ROG_DIURN	0.0565823	0.1721548	0.0976344	0.1211675	0.0027036	0.001454858	0.00061262	1.24428E-06	0.0026047	0.0015817	1.6754342	0.0015972	0
Annual	ROG_HTSK	0.0858944	0.2112894	0.1195925	0.1515691	0.0695699	0.037320952	0.018470157	4.4559E-05	0.0238732	0.0098465	0.831423	0.0106972	0
Annual	ROG_IDLEX	0	0	0	0	0.0193258	0.015188158	0.016628928	0.56674344	0.0460159	0	0	0.368822	0
Annual	ROG_RESTL	0.0443014	0.1198654	0.0803339	0.1048102	0.0013669	0.000762501	0.000318182	7.58088E-07	0.0011299	0.0006938	0.9036902	0.0007744	0
Annual	ROG_RUNEX	0.0062525	0.0226569	0.0120751	0.0156979	0.0481228	0.050493063	0.010835166	0.019389574	0.0240228	0.0533654	2.1259561	0.0854255	0.0684165
Annual	ROG_RUNLS	0.1916085	0.6831387	0.3998395	0.4631673	0.4360383	0.205931842	0.090078575	0.000201725	0.2655878	0.0499264	1.7078431	0.0656155	0
Annual	ROG_STREX	0.1737831	0.3159114	0.2569496	0.3364341	0.0623254	0.036070478	0.042685585	7.12189E-07	0.1148609	0.0727267	1.801462	0.0417857	0
Annual	SO2_IDLEX	0	0	0	0	8.907E-05	0.000138726	0.00064102	0.012746566	0.000657	0	0	0.0034454	0
Annual	SO2_RUNEX	0.0023968	0.0028745	0.0030029	0.0037664	0.0059717	0.005911522	0.008824023	0.011562078	0.0127137	0.0046646	0.002062	0.0103573	0.0087108
Annual	SO2_STREX	0.0004939	0.0006022	0.0006324	0.0007896	9.915E-05	6.81515E-05	8.19782E-05	1.93478E-07	0.0001962	0.0001714	0.0005916	0.066E-05	0
Annual	TOG_DIURN	0.0565823	0.1721548	0.0976344	0.1211675	0.0027036	0.001454858	0.00061262	1.24428E-06	0.0026047	0.0015817	1.6754342	0.0015972	0
Annual	TOG_HTSK	0.0858944	0.2112894	0.1195925	0.1515691	0.0695699	0.037320952	0.018470157	4.4559E-05	0.0238732	0.0098465	0.831423	0.0106972	0
Annual	TOG_IDLEX	0	0	0	0	0.0269096	0.020275697	0.022523857	0.646640794	0.0616098	0	0	0.5317377	0
Annual	TOG_RESTL	0.0443014	0.1198654	0.0803339	0.1048102	0.0013669	0.000762501	0.000318182	7.58088E-07	0.0011299	0.0006938	0.9036902	0.0007744	0
Annual	TOG_RUNEX	0.0090911	0.0330436	0.0175883	0.0228194	0.0580254	0.058629757	0.013644044	0.039655951	0.0333582	3.4333122	2.6368247	0.1011988	0.0778877
Annual	TOG_RUNLS	0.1916085	0.6831387	0.3998395	0.4631673	0.4360383	0.205931842	0.090078575	0.000201725	0.2655878	0.0499264	1.7078431	0.0656155	0
Annual	TOG_STREX	0.1902706	0.345883	0.2813274	0.3683521	0.0682384	0.039492634	0.046735343	7.79757E-07	0.1257582	0.0796266	1.9608452	0.0457501	0
Summer	CH4_IDLEX	0	0	0	0	0.0054252	0.002924204	0.003080565	0.029390271	0.0085793	0	0	0.0797847	0
Summer	CH4_RUNEX	0.001963	0.0059512	0.0034888	0.004403	0.0040102	0.00305233	0.001206723	0.018366196	0.0043453	3.3582694	0.3155991	0.0059919	0.0031778
Summer	CH4_STREX	0.0361526	0.0567035	0.0506692	0.062087	0.0122025	0.007165635	0.007935577	1.33057E-07	0.0213457	0.0170456	0.2142319	0.006065	0
Summer	CO_IDLEX	0	0	0	0	0.1693429	0.131182851	0.306308959	8.266443454	0.5013107	0	0	0.1318512	0
Summer	CO_RUNEX	0.665653	1.3980209	0.9565174	1.0717839	0.5390807	0.408258427	0.157788744	0.215195926	0.5285588	26.10824	19.316964	0.4889636	0.3168517
Summer	CO2_STREX	1.7071417	1.9123351	2.1757395	2.4572315	0.832713	0.480569923	0.877805542	0.002322144	2.2188747	1.2409456	8.0064628	0.677644	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	9.2199314	14.53322953	67.48306992	1336.262008	68.127709	0	0	0.369.08877	0
Summer	CO2_NBIO_RUNEX	263.37309	312.91561	324.76554	403.42248	614.08101	613.6558011	926.260962	1236.094278	1309.038	1592.0593	209.34753	1081.7514	921.42562
Summer	CO2_NBIO_STREX	49.481509	60.334763	63.349628	79.124708	9.9470215	6.847162293	8.211846267	0.019349262	19.56555	16.954872	58.194422	5.696893	0
Summer	NOX_IDLEX	0	0	0	0	0.0771779	0.111576394	0.37591279	6.46481486	0.2397954	0	0	3.3380317	0
Summer	NOX_RUNEX	0.0261703	0.0868253	0.0563353	0.0727525	1.1081072	1.233266696	0.847137111	1.819066449	0.7596655	0.3054127	0.9720502	3.9965408	3.8135101
Summer	NOX_STREX ³	0.1498494	0.2279437	0.2249641	0.2861201	0.2650988	0.164032968	1.739564524	2.396973786	0.7376565	0.1555865	0.2476469	0.8604145	0
Summer	PM10_IDLEX	0	0	0	0	0.0009964	0.001466571	0.000313312	0.002384897	7.429E-05	0	0	0.0026866	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061012308	0.13034	0.0878825	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0100333	0.010865597	0.012000003	0.035572726	0.012	0.0219127	0.004	0.0105956	0.016
Summer	PM10_RUNEX	0.001252	0.0017884	0.0013175	0.0013694	0.0092855	0.012626677	0.00930804	0.026921759	0.0081829	0.0025925	0.0018968	0.0242894	0.1277456
Summer	PM10_STREX	0.0016815	0.0023506	0.001733	0.0017661	0.0002067	0.000102652	9.38697E-05	2.42604E-07	0.0002	0.0001958	0.0027137	4.634E-05	0
Summer	PM25_IDLEX	0	0	0	0	0.0009533	0.001403128	0.000299759	0.002281727	7.107E-05	0	0	0.0025704	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026148132	0.05586	0.0376639	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025083	0.002716399	0.003000001	0.008893182	0.003	0.0054782	0.001	0.0026489	0.004
Summer	PM25_RUNEX	0.001153	0.0016456	0.0012126	0.001263	0.008865	0.012070906	0.008901755	0.025757128	0.0078146	0.0024629	0.0017717	0.0232277	0.1222194
Summer	PM25_STREX	0.0015461	0.0021613	0.0015934	0.0016239	0.0001901	9.43848E-05	8.63097E-05	2.23065E-07	0.0001839	0.00018	0.0025475	4.261E-05	0
Summer	ROG_DIURN	0.1093605	0.3338291	0.1888913	0.2330572	0.0050343	0.002738933	0.001169385	2.34158E-06	0.0047438	0.002821	3.3141698	0.0028724	0
Summer	ROG_HTSK	0.0992807	0.2572265	0.140109	0.1737803	0.0809929	0.043870762	0.021937599	4.93405E-05	0.0261742	0.0118083	1.2364729	0.0112184	0
Summer	ROG_IDLEX	0	0	0	0	0.0193258	0.015188158	0.016179998	0.600377458	0.047052	0	0	0.3686725	0
Summer	ROG_RESTL	0.0826139	0.2267671	0.1474298	0.1902431	0.0025815	0.0014307	0.000609792	1.54799E-06	0.00				

Winter	CH4_IDLEX	0	0	0	0	0.004513	0.002915931	0.003462425	0.024164244	0.008438	0	0	0.0796603	0
Winter	CH4_RUNEX	0.0016623	0.0050607	0.0029428	0.0037109	0.0039462	0.003027635	0.001175787	0.000878223	0.0042249	3.3582399	0.3163342	0.0059159	0.0031778
Winter	CH4_STREX	0.0419448	0.0663678	0.0590427	0.0723335	0.0126693	0.007467745	0.008275708	1.394E-07	0.0224512	0.0186289	0.2394617	0.0074962	0
Winter	CO_IDLEX	0	0	0	0	0.1693429	0.131182851	0.421870395	8.503403683	0.5100765	0	0	3.2154067	0
Winter	CO_RUNEX	0.5090642	1.0753837	0.727161	0.8178139	0.5316306	0.40563981	0.154373446	0.159419175	0.5153652	26.106665	18.229279	0.4810783	0.3168517
Winter	CO_STREX	1.9697063	2.2086959	2.5178181	2.8531922	0.8755954	0.50717957	0.933180032	0.00244584	2.3986464	1.4465806	8.5633475	0.9835013	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	9.2199314	14.53322953	67.68906227	1372.995451	69.887043	0	0	348.92248	0
Winter	CO2_NBIO_RUNEX	236.51441	283.63797	297.04976	374.19995	614.06784	613.6512131	926.254971	1223.806999	1309.0147	1592.0565	207.66691	1081.7374	921.42562
Winter	CO2_NBIO_STREX	49.985893	60.968705	64.024617	79.92515	10.023296	6.894684115	8.306448746	0.019545431	19.870529	17.301705	59.734497	6.2094606	0
Winter	NOX_IDLEX	0	0	0	0	0.0771779	0.111576394	0.396339871	7.224111269	0.2696231	0	0	3.166173	0
Winter	NOX_RUNEX	0.0270022	0.0904129	0.0581631	0.075159	1.162877	1.293050691	0.892402839	1.908780763	0.8114263	0.3100188	1.1128139	4.2163934	4.0004016
Winter	NOX_STREX ³	0.1560637	0.2373655	0.2337152	0.297802	0.2736947	0.17008682	1.742879407	2.396976236	0.7463542	0.1623026	0.2622134	0.8663707	0
Winter	PM10_IDLEX	0	0	0	0	0.0009964	0.001466571	0.000443747	0.003095478	9.647E-05	0	0	0.0038564	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060769368	0.13034	0.0878825	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0100333	0.010865597	0.012000003	0.03543107	0.012	0.0219127	0.004	0.0105956	0.016
Winter	PM10_RUNEX	0.001252	0.0017884	0.0013175	0.0013694	0.0092855	0.012626677	0.00930804	0.026903865	0.0081829	0.0025925	0.0018968	0.0242894	0.1277456
Winter	PM10_STREX	0.0016815	0.0023506	0.001733	0.0017661	0.0002067	0.000102652	9.38697E-05	2.42604E-07	0.0002	0.0001958	0.0027137	4.634E-05	0
Winter	PM25_IDLEX	0	0	0	0	0.0009533	0.001403128	0.00042455	0.002961569	9.229E-05	0	0	0.0036896	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026044015	0.05586	0.0376639	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025083	0.002716399	0.003000001	0.008857768	0.003	0.0054782	0.001	0.0026489	0.004
Winter	PM25_RUNEX	0.001153	0.0016456	0.0012126	0.001263	0.008865	0.012070906	0.008901755	0.025740009	0.0078146	0.0024629	0.0017717	0.0232277	0.1222194
Winter	PM25_STREX	0.0015461	0.0021613	0.0015934	0.0016239	0.0001901	9.43848E-05	8.63097E-05	2.23065E-07	0.0001839	0.00018	0.0025475	4.261E-05	0
Winter	ROG_DIURN	0.0455026	0.1426171	0.0757085	0.0932861	0.0023637	0.001114248	0.000450479	1.21759E-06	0.0023236	0.0016704	1.5912979	0.0013653	0
Winter	ROG_HTSK	0.0909572	0.230745	0.1267981	0.1592731	0.0780816	0.039949053	0.019081394	4.91624E-05	0.025079	0.0112893	1.0181275	0.0108796	0
Winter	ROG_IDLEX	0	0	0	0	0.0193258	0.015188158	0.017261678	0.520249546	0.0445851	0	0	0.3690286	0
Winter	ROG_RESTL	0.0376259	0.1006038	0.0675409	0.0895971	0.0012422	0.000635765	0.000251823	7.85828E-07	0.0010665	0.0007334	0.7268702	0.0007432	0
Winter	ROG_RUNEX	0.0060404	0.0217746	0.0115905	0.015078	0.0480888	0.050469958	0.010776773	0.018691372	0.0238938	0.0533741	2.1214998	0.0853964	0.0684165
Winter	ROG_RUNLS	0.2159081	0.7898438	0.4588606	0.528474	0.4672933	0.221105723	0.09719194	0.000214869	0.2820703	0.0594021	1.9473563	0.0794788	0
Winter	ROG_STREX	0.1780916	0.3243854	0.2643164	0.3453239	0.062434	0.036350359	0.043169007	7.15217E-07	0.1156492	0.0722799	1.8071255	0.0432371	0
Winter	SO2_IDLEX	0	0	0	0	8.907E-05	0.000138726	0.000641976	0.01297138	0.0006667	0	0	0.0033349	0
Winter	SO2_RUNEX	0.0023397	0.0028068	0.0029387	0.0036992	0.0059717	0.005911512	0.008823998	0.011562077	0.0127137	0.0046646	0.002055	0.0103573	0.0087108
Winter	SO2_STREX	0.0004947	0.0006033	0.0006336	0.0007909	9.919E-05	6.82285E-05	8.2199E-05	1.93418E-07	0.0001966	0.0001712	0.0005911	6.145E-05	0
Winter	TOG_DIURN	0.0455026	0.1426171	0.0757085	0.0932861	0.0023637	0.001114248	0.000450479	1.21759E-06	0.0023236	0.0016704	1.5912979	0.0013653	0
Winter	TOG_HTSK	0.0909572	0.230745	0.1267981	0.1592731	0.0780816	0.039949053	0.019081394	4.91624E-05	0.025079	0.0112893	1.0181275	0.0108796	0
Winter	TOG_IDLEX	0	0	0	0	0.0269096	0.020275697	0.023545997	0.592264506	0.059981	0	0	0.5319729	0
Winter	TOG_RESTL	0.0376259	0.1006038	0.0675409	0.0895971	0.0012422	0.000635765	0.000251823	7.85828E-07	0.0010665	0.0007334	0.7268702	0.0007432	0
Winter	TOG_RUNEX	0.0087816	0.0317565	0.0168814	0.0219159	0.0579758	0.058596042	0.013558837	0.021297569	0.03317	3.4333249	2.6313002	0.1011564	0.0778877
Winter	TOG_RUNLS	0.2159081	0.7898438	0.4588606	0.528474	0.4672933	0.221105723	0.09719194	0.000214869	0.2820703	0.0594021	1.9473563	0.0794788	0
Winter	TOG_STREX	0.1949879	0.3551609	0.289393	0.3780853	0.0683573	0.039799068	0.047264629	7.83072E-07	0.1266213	0.0791374	1.9670306	0.0473392	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. <https://www.arb.ca.gov/emfac/2017/>; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Riverside County region.

3 Because EMFAC2017 provides vehicle trips data for MHTD and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_x STREX emission rates are utilized.

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Prepared for
Lewis Retail Centers

Prepared by
Ramboll US Corporation

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LEWIS SOUTH CAMPUS ADDITIONAL INFORMATION REGARDING POTENTIAL HEALTH EFFECTS OF AIR QUALITY IMPACTS RIVERSIDE, CALIFORNIA

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APPENDICES

Appendix A:	Emissions Inventory, Spatial Allocation, and SMOKE Setup
Appendix B:	PGM Inputs, Outputs, and Assumptions
Appendix C:	BenMAP and Potential Health Effects

1. INTRODUCTION

This report presents an estimate of the potential health effects of the emissions of criteria pollutants that may result from the operation of the Lewis South Campus Specific Plan Project (the Project).¹

FRIANT RANCH DECISION

As background, Environmental Impact Reports (EIRs) prepared pursuant to the California Environmental Quality Act (CEQA) have long evaluated project-related health effects of toxic air contaminants, such as diesel particulate matter, through quantitative and/or qualitative means relative to air district-issued thresholds of significance. However, EIRs historically have not evaluated the specific health effects of project-related increases in criteria pollutants, other than to note and summarize scientific literature regarding the general effect of those pollutants on health. Instead, in accordance with air district-issued thresholds of significance and industry standard practice at the time, CEQA analysis historically and traditionally focused on estimating project-related mass emissions totals for criteria pollutants and, in certain cases, conducting dispersion modeling to assess impacts on local ambient air quality concentrations.

In December 2018, the California Supreme Court issued its decision in *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502 (hereinafter referred to as “the Friant Ranch decision”). The Court noted that the EIR at issue in the Friant Ranch decision disclosed the project’s significant impacts attributable to the emissions of criteria pollutants, including oxides of nitrogen (NO_x), and particulate matter (PM), but did not correlate the project’s emissions to health effects. In finding the EIR inadequate in that respect, the Court held that the EIR should have “relate[d] the expected adverse air quality impacts to likely health consequences or explain[ed] in meaningful detail why it is not feasible at the time of drafting to provide such an analysis, so that the public may make informed decisions regarding the costs and benefits of” the project. (Id. at p. 510.)

CEQA practitioners and other expert agencies (like air districts) are still developing tools and methodologies to provide the type of CEQA analysis described in the Friant Ranch decision. In this report, Ramboll presents one method that can be used to correlate project-related mass emissions totals for criteria pollutants to estimated health effects. More specifically, in order to estimate the health effects of the increases of criteria pollutants for the Project, Ramboll applied a photochemical grid model (PGM), Comprehensive Air Quality Model with extensions (CAMx), to estimate the small increases in concentrations of ozone and PM_{2.5} in the region as a result of the emissions of criteria and precursor pollutants from the Project. Ramboll then applied a U.S. Environmental Protection Agency (USEPA)-authored program, the Benefits Mapping and Analysis Program (BenMAP)², to estimate the resulting health effects from the small increases in concentration. Only the health effects of ozone and PM_{2.5} are estimated, as those are the pollutants that USEPA uses in BenMAP to estimate the health effects of emissions of NO_x, VOCs, CO, SO₂, and PM_{2.5}. Ozone and PM_{2.5} have the most

¹ Criteria pollutants are those pollutants with an air pollution standard or pollutants which are precursors to those with a standard. Pollutants with an air pollution standard include nitrogen dioxide, sulfur dioxide (SO₂), ozone, carbon monoxide (CO), particulate matter smaller than 2.5 microns in diameter and 10 microns in diameter, and ozone. Precursor pollutants to criteria pollutants include oxides of nitrogen (NO_x), oxides of sulfur (SO_x), carbon monoxide (CO), and volatile organic compounds (VOCs).

² <https://www.epa.gov/benmap/benmap-ce-manual-and-appendices>.

critical health effects and thus are the emissions evaluated to determine the Project's health effects.

ADDITIONAL EVALUATION

In light of the Friant Ranch decision, this analysis estimates the health effects of criteria pollutants and their precursors, specifically those that are evaluated by the USEPA in rulemaking setting the national ambient air quality standards: NO_x, VOC [also known as reactive organic gases, or ROG, which are virtually the same as VOC with some slight differences]³, CO, ozone, SO₂, and PM_{2.5}. Consistent with USEPA health effects evaluations, the health effect functions in BenMAP for PM use fine particulate (PM_{2.5}) as the causal PM agent. NO_x and VOCs are not criteria air pollutants but, in the presence of sunlight, they form ozone and contribute to the formation of secondary PM_{2.5} and thus are analyzed here. As a conservative measure, SO₂ and CO are evaluated due to their small contribution to the formation of secondary PM_{2.5} and ozone. The health effects from ozone and PM_{2.5} are examined for this Project because the USEPA has determined that these criteria pollutants would have the greatest effect on human health. The emissions of other criteria and precursor pollutants, including VOC, NO_x, CO and SO₂, are analyzed in their contribution in the formation of ozone and secondary PM_{2.5}.

Additionally, NO₂ and CO concentration changes due to the Project are not evaluated here individually, as a localized significance threshold (LST) analysis has been performed as presented in Section 4.2 of the Draft Environmental Impact Report (Draft EIR), where Project plus background contributions are compared to the National Ambient Air Quality Standards (NAAQS). The NAAQS are health based thresholds and thus a direct comparison against such thresholds allows evaluation of potential health effects. Further, there are currently no NO₂ non-attainment areas in the United States, even after the 1-hour standard was implemented. Similarly, SO₂ concentration changes are also not individually evaluated here as there are no current SO₂ non-attainment areas in the state of California. Even so, as noted above, contributions of NO_x, CO, and SO₂ are all still evaluated here in their contribution to the formation of ozone and secondary PM_{2.5}, the two criteria pollutants the USEPA has determined to have the greatest effect on human health.

The evaluation presented herein serves to describe the potential health effects of the criteria pollutant emissions disclosed in Section 4.2 of the Project's Draft EIR. This evaluation does not make a new significance determination, as the Project's air quality impacts were already found to be significant and unavoidable. Instead, this evaluation provides additional information regarding the potential health effects of the previously identified significant air quality impacts.

³ Reactive organic gas (ROG) emissions are quantified and modeled as VOCs in this assessment. ROG means total organic gases minus the California Air Resources Board's (ARB's) "exempt" compounds (e.g., methane, ethane, CFCs, etc.). ROG is similar, but not identical, to USEPA's term "VOC", which is based on USEPA's exempt list, which is slightly different from ARB's list.

2. TECHNICAL APPROACH

The first step in the process is to run the PGM with appropriate information to assess the small increases in ambient air concentrations of pollutants that the Project emissions may cause. PGMs require a database of information, including the spatial allocation of emissions, in the area to be modeled. This includes both base (background/existing) emissions and Project emissions. The latest publicly available PGM database for Southern California, which contains base emissions, was developed by the South Coast Air Quality Management District (SCAQMD) in support of its adopted 2016 Air Quality Management Plan (AQMP)⁴ and was adapted for use in this analysis. This PGM database is tailored for Southern California using California-specific input tools (e.g., the Emission FACTors (EMFAC)⁵ mobile source emissions model) and uses a high-resolution 4-kilometer (km) horizontal grid to better simulate meteorology and air quality in the complex terrain and coastal environment of California.

Project emissions included NO_x, SO₂, CO, respirable (PM₁₀) and fine (PM_{2.5}) primary particulate matter (PM), and VOCs. As discussed above, NO_x and VOC are precursors to ozone and, along with SO₂, are also precursors to secondarily formed PM_{2.5}. CO also plays a smaller role in the formation of ozone and is thus conservatively evaluated here.

The USEPA's air quality modeling guidelines (Appendix W⁶) and ozone and PM_{2.5} modeling guidance⁷ recommend using a PGM to estimate ozone and secondary PM_{2.5} concentrations. The USEPA's modeling guidance does not recommend specific PGMs but provides procedures for determining an appropriate PGM on a case-by-case basis. Both the modeling guidelines and guidance note that the CAMx⁸ and the Community Multiscale Air Quality (CMAQ)⁹ PGMs have been used extensively in the past and would be acceptable PGMs. As such, the USEPA has prepared a memorandum¹⁰ documenting the suitability for using CAMx and CMAQ for ozone and secondary PM_{2.5} modeling of single-sources or group of sources.

To estimate the potential outcome of the Project's emissions on ambient air concentrations, the Project's incremental mitigated operational emissions were added to the CAMx 4-km annual PGM modeling database.¹¹ Incremental operational emissions from the Project were estimated by subtracting emissions from Phase III of the 2003 Focused Environmental Impact Report (EIR) ("2003 EIR Phase III") from the Project emissions ("Vacant" and "Built/Entitled"), as described in Section 4.2 of the Draft EIR.¹² For this analysis, the mitigated Project incremental operational emissions were evaluated. Total emissions

⁴ <https://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/final-2016-aqmp>.

⁵ <https://www.arb.ca.gov/emfac/>.

⁶ https://www3.epa.gov/ttn/scram/appendix_w/2016/AppendixW_2017.pdf.

⁷ https://www3.epa.gov/ttn/scram/guidance/guide/O3-PM-RH-Modeling_Guidance-2018.pdf.

⁸ <http://www.camx.com/>.

⁹ <https://www.epa.gov/cmaq>.

¹⁰ https://www3.epa.gov/ttn/scram/guidance/clarification/20170804-Photochemical_Grid_Model_Clarification_Memo.pdf.

¹¹ SCAQMD performed Weather Research and Forecasting (WRF) meteorological modeling for the 4-km domain and 2012 calendar year that has been processed by WRF-CAMx to generate CAMx 2012 4-km meteorological inputs for the domain. The CMAQ 2012 emissions have been converted to the format used by CAMx using the CMAQ2CAMx processor.

¹² To the extent that the Draft EIR used conservative inputs to estimate Project-related criteria pollutants and precursors, the analysis provided herein also is conservatively influenced by those inputs.

modeled reflect the maximum incremental emissions by pollutant. These maxima may occur in different seasons for different pollutants, though each pollutant's maximum day is conservatively analyzed collectively in a single year assessment. Full operational emissions (at Project buildout in 2024) were modeled for all pollutants.

Construction emissions were not modeled in this analysis. As explained in Section 4.2 of the DEIR, construction emissions with mitigation would not exceed any SCAQMD daily or localized thresholds. Furthermore, the proposed Project involves a shift in land uses as compared to the 2003 EIR Phase III. Construction emissions associated with build out consistent with the land uses approved in the 2003 EIR Phase III would have been similar to or higher than those disclosed in the DEIR based on improvements to equipment emission reduction technologies.

For use in PGMs, each Project emissions source must be spatially distributed across the modeling grid cells so that they can be incorporated into the gridded emission inventory. Operational emissions include area sources (architectural coatings, VOCs in consumer products, and landscaping equipment), on-site cargo handling equipment, and emissions associated with motor vehicle use. Since the incremental emissions associated with non-mobile sources for the Project were all negative, these sources were conservatively zeroed out and the reduction was not included in the analysis. The operational mobile source category includes both passenger vehicles and trucks. Incremental SO₂, PM₁₀, and PM_{2.5} emissions from passenger cars were also negative and the reduction was conservatively not included in the analysis. The operational mobile sources are also spatially distributed in the site's grid cells, as well as the grid cells for the local and regional roadways with Project travel. Annual emission estimates from the Project were spatially gridded, temporally allocated, and chemically speciated to be used for photochemical grid modelling using the Sparse Matrix Operator Kernel Emissions (SMOKE) emissions modelling system supported by the USEPA. The emissions inventories, spatial allocation, and SMOKE inputs and outputs are shown in **Appendix A**.

As discussed above, the SCAQMD's Southern California 2016 AQMP modeling database was used for this Project. The Southern California 4-km CAMx modeling database is based on a 2012 base meteorological year and includes future year emission scenarios. The 2023 future year projections were used for this analysis, as that is the nearest future year to full operational buildout (year 2024) with base emissions available as of the date of this report. The Project's emissions were tagged for treatment by the source apportionment tools in CAMx to obtain the incremental ozone and PM_{2.5} concentration changes due to the Project's emissions. More details and inputs for the PGM modeling are included in **Appendix B**.

Following completion of the CAMx source apportionment modeling, Ramboll used the USEPA's BenMAP^{13,14} program to estimate the potential health effects of the Project's contribution to ozone and PM_{2.5} concentration. BenMAP uses the concentration estimates produced by CAMx, along with population and health effect concentration-response (C-R) functions, to estimate various health effects of the concentration increases. BenMAP has a wide history of applications by the USEPA and others, including for local-scale analysis¹⁵ as

¹³ <https://www.epa.gov/benmap/how-benmap-ce-estimates-health-and-economic-effects-air-pollution>.

¹⁴ https://www.epa.gov/sites/production/files/2015-04/documents/benmap-ce_user_manual_march_2015.pdf.

¹⁵ <https://www.epa.gov/benmap/benmap-ce-applications-articles-and-presentations#local>.

needed for assessing the health effects of a project's emissions. We used the BenMAP health effects C-R functions that are typically used in national rulemaking, such as the health effects assessment¹⁶ for the 2012 PM_{2.5} National Ambient Air Quality Standard (NAAQS). The health effects estimated for PM_{2.5} include mortality (all causes), hospital admissions (respiratory, asthma, cardiovascular), emergency room visits (asthma), and acute myocardial infarction (non-fatal). For ozone, the endpoints estimated include mortality, emergency room visits (respiratory) and hospital admissions (respiratory). BenMAP applies "effect functions" to calculate incremental health effects within each 4-km by 4-km grid cell across the modeled domain from incremental changes in PM and ozone, and an underlying assumption is that there is a causal link between PM and ozone exposures and health effects. The effect functions are derived from statistical correlations reported in epidemiologic studies that compare fluctuations in air pollutant levels measured at central monitors against small fluctuations in population-wide health effects. These are statistical correlations and do not establish a cause-and-effect relationship between small fluctuations in the level of one (or many) ambient air pollutants and health effects, particularly mortality. For example, there is no toxicological or experimental study that has demonstrated or supported that small incremental changes in PM concentrations as a whole, or major PM components, at ambient levels can cause any serious health effects, let alone death (USEPA, 2009). That being said, in an overabundance of caution, and as an expression of the precautionary principal, BenMAP uses these studies to characterize the potential human health effect of small changes in PM and ozone concentrations. Details on the BenMAP inputs and outputs and definitions for the health effects are shown in **Appendix C**.

¹⁶ https://www3.epa.gov/ttn/naaqs/standards/pm/data/PM_RA_FINAL_June_2010.pdf.

3. RESULTS

This section presents the results of the health effects analysis for the incremental increases in PM_{2.5} and ozone resulting from primary and precursor emissions for these constituents. The results presented here describe the potential health effects of the criteria pollutant emissions already disclosed in Section 4.2 of the Draft EIR, and the results themselves do not constitute a new significance determination, as the Project's air quality impacts were already found to be significant and unavoidable.

It is important to note there are a number of conservative assumptions built into this evaluation, beginning with the quantification of emissions themselves. These conservative assumptions include, but are not limited to, the following:

- As discussed in the Air Quality Technical Report (AQTR), emissions were quantified utilizing a conservative assumption that all trucks travel an average distance of 60 miles, one-way. This is more conservative than the SCAQMD recommendation of 40 miles of travel within the SCAB;
- As discussed in the AQTR, a "static" emissions rate was used to quantify emissions, consistent with the Project's opening year of 2024. Emissions decrease over time due to regulatory actions currently adopted and those that will be adopted. The modeling only currently accounts for regulations in place and that would be in effect through 2024. All reductions that are expected beyond 2024 due to proposed regulations, or turnover of older to newer, less polluting vehicles, are not accounted for;
- Potential reductions due to mitigation measures AQ-4 through AQ-17 as well as reductions from the Transportation Demand Management (TDM) measures have conservatively not been quantified in the Air Quality Impact Analysis and are not included here;
- Emissions reductions associated with non-mobile sources have conservatively not been included in this analysis (discussed further in Appendix A);
- Emissions reductions associated with passenger car sources have conservatively not been included in this analysis (discussed further in Appendix A);
- Evaluation of full operational emissions at Project buildout combine winter and summer maximum daily emissions to reflect the potential maximum combined year (discussed further in Appendix A);
- Assumption that health effects occur at any concentration, including small incremental concentrations (discussed further in Appendix C); and
- Assumption that all PM_{2.5} is of equal toxicity (discussed further in Appendix C).

As such, results presented below are meant to represent an upper bound of potential health effects, and actual effects may be zero.

POTENTIAL PROJECT HEALTH EFFECTS

Overall, the estimated health effects from ozone and PM_{2.5} associated with the Project are minimal in light of background incidences. **Tables 3-1** and **3-3** below show the maximum increases in the BenMAP-estimated annual health effect incidences associated with the Project's PM_{2.5} and ozone emissions in an individual 4-km x 4-km grid cell. **Tables 3-2** and **3-4** below show the annual percent of background health incidence for total PM_{2.5} and ozone

health effects associated with the Project, respectively. The “background health incidence” is the actual incidence of health effects (based on available data) as estimated in the local population in the absence of additional emissions from the Project.¹⁷ When taken into context, the small increase in incidences and the very small percent of the number of background incidences indicate that these health effects are minimal in a developed, urban environment.

Table 3-1. Maximum BenMAP-Estimated Annual Mean PM_{2.5} Health Effects of the Project Emissions in a Single 4-km x 4-km Grid Cell¹	
Health Endpoint²	Potential Incidences (Annual, Mean)
Emergency Room Visits, Asthma [0-99]	0.040
Mortality, All Cause [30-99]	0.066
Hospital Admissions, Asthma [0-64]	0.0036
Hospital Admissions, All Cardiovascular (less Myocardial Infarctions) [65-99]	0.0071
Hospital Admissions, All Respiratory [65-99]	0.016
Acute Myocardial Infarction, Nonfatal [18-24]	0.0000047
Acute Myocardial Infarction, Nonfatal [25-44]	0.00022
Acute Myocardial Infarction, Nonfatal [45-54]	0.00055
Acute Myocardial Infarction, Nonfatal [55-64]	0.0011
Acute Myocardial Infarction, Nonfatal [65-99]	0.0035
¹ Health effects are shown in terms of incidences of each health endpoint.	
² Affected age ranges are shown in square brackets.	

¹⁷ Background health statistics were obtained from data included in the BenMAP model, and the sources are referenced in the BenMAP manual (USEPA, 2018). For example, EPA obtained mortality rates from the Centers for Disease Control (CDC) WONDER database, and hospital admissions rates from the Healthcare Cost and Utilization Project (HCUP).

Table 3-2. BenMAP-Estimated Annual Mean PM_{2.5} Health Effects of the Project Emissions Across the Southern California Model Domain¹		
Health Endpoint²	Annual Percent of Background Health Incidence (%)	Background Health Incidence (Annual)
Emergency Room Visits, Asthma [0-99]	0.0019%	117,918
Mortality, All Cause [30-99]	0.0018%	230,952
Hospital Admissions, Asthma [0-64]	0.0012%	16,509
Hospital Admissions, All Cardiovascular (less Myocardial Infarctions) [65-99]	0.00025%	158,958
Hospital Admissions, All Respiratory [65-99]	0.00064%	135,774
Acute Myocardial Infarction, Nonfatal [18-24]	0.00075%	33
Acute Myocardial Infarction, Nonfatal [25-44]	0.00077%	1,776
Acute Myocardial Infarction, Nonfatal [45-54]	0.00078%	4,456
Acute Myocardial Infarction, Nonfatal [55-64]	0.00077%	9,070
Acute Myocardial Infarction, Nonfatal [65-99]	0.00071%	29,176
¹ Health effects are shown terms of incidences of each health endpoint and how it compares to the base values (2024 base year health effect incidences or “background health incidence”). Health effects and background health incidences are across the Southern California model domain. ² Affected age ranges are shown in square brackets.		

The modeled PM_{2.5}-related health effects associated with Project-related increases in ambient air concentrations over the 624-km x 408-km Southern California model domain are quite minor compared to the background health incidence values (shown in **Table 3-2** as percent of Background Health Incidence). The results show that all PM_{2.5} health effects were raised above the background health incidence levels at less than 0.002% of the total (discussed further in Appendix C).

Table 3-3. Maximum BenMAP-Estimated Annual Mean Ozone Health Effects of the Project Emissions in a Single 4-km x 4-km Grid Cell¹	
Health Endpoint²	Potential Incidences (Annual, Mean)
Hospital Admissions, All Respiratory [65-99]	0.0050
Mortality, Non-Accidental [0-99]	0.0029
Emergency Room Visits, Asthma [0-17]	0.034
Emergency Room Visits, Asthma [18-99]	0.037
¹ Health effects are shown in terms of incidences of each health endpoint.	
² Affected age ranges are shown in square brackets.	

Table 3-4. BenMAP-Estimated Annual Mean Ozone Health Effects of the Project Emissions Across the Southern California Model Domain¹		
Health Endpoint²	Annual Percent of Background Health Incidence (%)	Background Health Incidence (Annual)
Hospital Admissions, All Respiratory [65-99]	0.00025%	135,774
Mortality, Non-Accidental [0-99]	0.00011%	164,042
Emergency Room Visits, Asthma [0-17]	0.0044%	46,772
Emergency Room Visits, Asthma [18-99]	0.0033%	71,146
¹ Health effects are shown terms of incidences of each health endpoint and how it compares to the base values (2024 base year health effect incidences, or "background health incidence"). Health effects and background health incidences are across the Southern California model domain.		
² Affected age ranges are shown in square brackets.		

The modeled ozone-related health effects associated with Project-related increases in ambient air concentrations over the 624-km x 408-km Southern California model domain. The estimated increased incidence in those health effects are quite minor compared to the background health incidence values (shown in **Table 3-4** as percent of Background Health Incidence). The results show that all ozone health effects were raised above the background health incidence levels at less than 0.0045% of the total (discussed further in Appendix C).

Because the health effects from ozone and PM_{2.5} are minimal in light of background incidences, and health effects from other criteria pollutants would be even smaller, the health effects of those other criteria pollutants were not quantified.

UNCERTAINTY

Analyses that evaluate the increases in concentrations resulting from individual sources, and the health effects of increases or decreases in pollutants as a result of regulation on a localized basis, are routinely done. This analysis does not tie the increase in concentration to a specific health effect in an individual; however, it does use scientific correlations of certain types of health effects from pollution to estimate increases in effects to the population at large.

There is a degree of uncertainty in these results from a combination of the uncertainty in the emissions themselves, the increase in concentration resulting from the PGM and the uncertainty of the application of the C-R increase. All simulations of physical processes, whether ambient air concentrations, or health effects from air pollution, have a level of uncertainty associated with them, due to simplifying assumptions. The overall uncertainty is a combination of the uncertainty associated with each piece of the modeling study, in this case, the emissions quantification, the emissions model, the PGM, and BenMAP. While these results reflect a level of uncertainty, regulatory agencies, including the USEPA have judged that, even with the uncertainty in the results, the results provide sufficient information to the public to allow them to understand the potential health effects of increases or decreases in air pollution (USEPA 2012).

The approach and methodology of this analysis ensures that the uncertainty is of a conservative nature. In addition to the conservative assumptions built into the emissions noted above, there are a number of assumptions built into the application of C-R functions in BenMAP that may lead to an overestimation of health effects. For example, for all-cause mortality health effects from PM_{2.5}, these estimates are based on a single epidemiological study that found an association between PM_{2.5} concentrations and mortality.¹⁸ While similar studies suggest that such an association exists, there remains uncertainty regarding a clear causal link. This uncertainty stems from the limitations of epidemiological studies, such as inadequate exposure estimates and the inability to control for many factors that could explain the association between PM_{2.5} and mortality such as lifestyle factors like smoking. Several reviews have evaluated the scientific evidence of health effects from specific particulate components (e.g., Rohr and Wyzga 2012; Lippmann and Chen, 2009; Kelly and Fussell, 2007). These reviews indicate that the evidence is strongest for combustion-derived components of PM including elemental carbon (EC), organic carbon (OC) and various metals (e.g., nickel and vanadium); however, there is still no definitive data that points to any particular component of PM as being more toxic than other components. The USEPA has also stated that results from various studies have shown the importance of considering particle size, composition, and particle source in determining the health effects of PM (USEPA, 2009). Further, the USEPA (2009) found that studies have reported that particles from industrial sources and from coal combustion appear to be the most significant contributors to PM-

¹⁸ For PM_{2.5} mortality estimates, BenMAP relies on the study by Krewski et al. (2009). This study conducted multiple sensitivity analyses using different statistical model specifications. For all-cause mortality, the authors reported positive associations between exposures to PM_{2.5} and all-cause mortality that ranged from a 3% to a 6% increase in mortality per increase in 10 ug/m³ of PM_{2.5}, depending on the model used and the exposure data considered. The default USEPA value in BenMAP is the 6% increase or double the low end of the range.

related mortality, consistent with the findings by Rohr and Wyzga (2012) and others. This is particularly important to note here, as the majority of PM emissions generated from the Project are from entrained roadway dust, brakewear, and tirewear (see Appendix A), and not from combustion. Therefore, because they do not consider the relative toxicity of PM components, the results presented here are conservative.

Air pollution epidemiology studies are ecological studies. This means that they are population-based, observational epidemiological studies that look for patterns between population exposure and population disease rates. They do not use data at the individual level (e.g., correlations between regional mortality rates and community air pollution levels). Epidemiologists generally consider relative risks (RRs, a measure of the association between exposures and health effects) from these types of studies that are greater than 3 to 4 to reflect strong associations and to be supportive of a causal link, while smaller RRs (1.5 to 3) are considered to be weak, and require other lines of evidence (e.g., toxicological evidence, plausible biological mechanism) to demonstrate causality (Taubes 1995). For example, the RR of lung cancer for heavy smokers is in the range of 10 to 20, whereas PM associations with mortality yield RRs in the range of 1.01 to 1.05, i.e., very close to the $RR = 1.0$, which indicates little to no association.

Aside from the uncertainty as to the causal basis of the statistical associations in air pollution epidemiology studies of PM and mortality, some epidemiological studies have found no correlation between mortality and increased PM (Enstrom, 2005; 2017; Lipfert et al., 2000; Murray and Nelson, 2000; Greven et al., 2011; You et al., 2018; Zhou et al., 2015). Although there are a greater number of publications reporting a positive PM association for mortality compared to those reporting no association.

Another uncertainty highlighted by the USEPA (2012) that applies to potential health effects from both $PM_{2.5}$ and ozone, is the assumption of a log-linear response between exposure and health effects, without consideration for a threshold below which effects may not be measurable. The issue of a threshold for $PM_{2.5}$ and ozone is highly debatable and can have significant implications for health effects analyses as it requires consideration of current air pollution levels and calculating effects only for areas that exceed threshold levels. Without consideration of a threshold, any incremental contribution to existing ambient air pollution levels, whether below or above the applicable threshold for a given criteria pollutant, is assumed to adversely affect health. Although the USEPA traditionally does not consider thresholds in its cost-benefit analyses, the NAAQS itself is a health-based threshold level that the USEPA has developed based on evaluating the most current evidence of health effects.

As noted above, the health effects estimation using this method presumes that effects seen at large concentration differences can be linearly scaled down to (i.e., correspond to) small increases in concentration, with no consideration of potential thresholds below which health effects may not occur. This methodology of linearly scaling health effects is broadly accepted for use in regulatory evaluations and is considered as being health protective (USEPA, 2010), but potentially overstates the potential effects. In summary, health effects presented are conservatively estimated, and the actual effects may be zero.

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APPENDIX A
EMISSIONS INVENTORY, SPATIAL ALLOCATION,
AND SMOKE SETUP

1. INTRODUCTION

As set forth in Section 4.2 of the Project's Draft Environmental Impact Report (DEIR), operational emissions from the Project were estimated using the California Emissions Estimator Model (CalEEMod®) and Project-specific data, where available. The models employ widely accepted calculation methodologies for emission estimates combined with appropriate default data if site-specific information is not available. In order to allow for a more accurate representation of mobile source operational emissions associated with the Project, mobile source emission factors were estimated using EMFAC2017.

Incremental operational emissions from the Project were estimated by subtracting emissions from Phase III of the 2003 Focused Environmental Impact Report (EIR) ("2003 EIR Phase III") from the Project emissions ("Vacant" and "Built/Entitled"), as described in Section 4.2 of the DEIR.¹ Annual incremental emission estimates from the Project need to be spatially gridded, temporally allocated, and chemically speciated to be used for photochemical grid modeling. The Sparse Matrix Operator Kerner Emissions (SMOKE) emissions modeling system (Coats, 1996; Coats and Houyoux, 1996)² is used for this process.

Section 2 of this Appendix describes in detail the development of the gridded Project emissions.

2. PROJECT EMISSIONS AND SPATIAL ALLOCATION

Mitigated operational emissions were estimated for the Project to support the photochemical grid model (PGM) and are allocated into 4 kilometer (km) x 4 km grid cells. This section describes those emissions and how they were spatially allocated.

2.1 Project Emissions and Spatial Allocation

For use in PGMs, emissions must be spatially allocated over the area so that they can be incorporated into the gridded emission inventory. The total incremental mitigated operational emissions inventory for the Project is below in **Table 2-1**. Mobile source emissions were split into sub-categories based on Project-specific data and EMFAC2017 emission rates. For particulate matter, less than 2.5 microns in diameter (PM_{2.5}) emissions are used in the modelling; less than 10 microns in diameter (PM₁₀) emissions are presented for information below.

All emissions listed in **Table 2-1** represent the sum of the maximum daily mitigated emissions for the maximum operational emission year. These maxima may occur in different seasons for different pollutants, though each pollutant's maximum day is conservatively analyzed collectively in a single year assessment. Incremental operational emissions (at Project buildout) were modeled for all pollutants as Vacant emissions plus Built/Entitled emissions minus 2003 EIR Phase III emissions.

Non-mobile sources evaluated include architectural coatings, consumer products, landscaping equipment, energy usage, and on-site cargo handling equipment. For non-mobile sources, the Project results in a reduction of emissions for each source. Since the incremental emissions associated with non-mobile sources for the Project were all negative, indicating a reduction in emissions, these sources were conservatively zeroed out and the reduction was not included in the analysis. Incremental SO₂, PM₁₀, and PM_{2.5} emissions from passenger cars were also negative and the reduction was conservatively not included in the analysis. **Table 2-2** shows only the positive incremental

¹ To the extent that the DEIR used conservative inputs to estimate Project-related criteria pollutants and precursors, the analysis provided herein also is conservatively influenced by those inputs.

² <https://www.cmascenter.org/smoke/>.

emissions that were included in the analysis, broken out by mobile process. Therefore, emissions in **Table 2-2** are conservatively higher than those included in the DEIR.

Mobile emissions were also split into a "Passenger Car" and "Truck" fleet mix, as done in the 2003 EIR Phase III and the Air Quality Impact Analysis. Emissions were then partitioned into emissions categories based on EMFAC2017 emission rates.

Table 2-1. Maximum Daily Incremental Mitigated Criteria Air Pollutant Emissions Estimates (DEIR)

Emission Category	ROG	NOx	CO	SO ₂	PM ₁₀	PM _{2.5}
	lbs/day	lbs/day	lbs/day	lbs/day	lbs/day	lbs/day
On-Road Mobile (Passenger Cars)	27	233	6.3 ¹	-0.030	-59	-15
On-Road Mobile (Trucks)	9.0	509	91	2.7	112	35
Architectural Coatings	-2.6	--	--	--	--	--
Consumer Products	-23	--	--	--	--	--
Landscaping	-0.010	-0.0010	-0.12	-1.0E-05	-4.1E-04	-4.1E-04
Energy	-0.57	-5.2	-4.4	-0.032	-0.40	-0.40
On-Site Cargo Handling Equipment	-0.77	-6.8	-5.3	-0.030	-0.25	-0.23
Total Operational	9.1	730	87¹	2.6	52	20
Season	Summer	Winter	Winter	Winter	Summer	Summer

Notes:

¹ CO emissions were corrected in the Air Quality Technical Report to reflect a total of 7.1 lbs/day for on-road mobile emissions from passenger cars and 88 lbs/day for total operational emissions. This small difference would have a minimal impact on results presented in this report.

Abbreviations:

CO - Carbon Monoxide

lbs - Pounds

NOx - Nitrogen Oxides

PM_{2.5} - Particulate Matter less than 2.5 microns in diameter

PM₁₀ - Particulate Matter less than 10 microns in diameter

ROG - Reactive Organic Gas

SO₂ - Sulfur Dioxide

Table 2-2. Maximum Daily Incremental Mitigated Criteria Air Pollutant Emissions Estimates (Modeled)						
Emission Category	ROG	NOx	CO	SO₂	PM₁₀	PM_{2.5}
	lbs/day	lbs/day	lbs/day	lbs/day	lbs/day	lbs/day
On-Road Mobile (Passenger Cars)	27	233	6.3	--	--	--
Diurnal	1.6	--	--	--	--	--
Hotsoak	2.7	--	--	--	--	--
Idling Exhaust	3.6	3.2	6.3	--	--	--
Brakewear	--	--	--	--	--	--
Tirewear	--	--	--	--	--	--
Resting Loss	1.3	--	--	--	--	--
Road Dust	--	--	--	--	--	--
Running Exhaust	4.2	150	--	--	--	--
Running Loss	7.7	--	--	--	--	--
Starting Exhaust	5.8	80	--	--	--	--
On-Road Mobile (Trucks)	9.0	509	91	2.7	112	35
Diurnal	0.0089	--	--	--	--	--
Hotsoak	0.28	--	--	--	--	--
Idling Exhaust	4.0	62	49	0.12	0.010	0.019
Brakewear	--	--	--	--	3.3	2.9
Tirewear	--	--	--	--	1.2	0.58
Resting Loss	0.0048	--	--	--	--	--
Road Dust	--	--	--	--	107	30
Running Exhaust	2.6	387	28	2.5	0.83	1.6
Running Loss	1.6	--	--	--	--	--
Starting Exhaust	0.50	59	14	0.0039	9.0E-04	0.0017
Total Operational	36	742	97	2.7	112	35

Project emissions are allocated according to their expected location into 4 km x 4 km grid cells for the PGM. **Figure 2-1a** below shows a close-up of the Project boundary overlay with the 4-km grid. **Figure 2-1b** shows passenger car routes with the allocation of emissions shown over each route. **Figure 2-1c** shows truck routes with the allocation of emissions shown over each route.

Figure 2-1a. Project Boundary With 4-km Grid

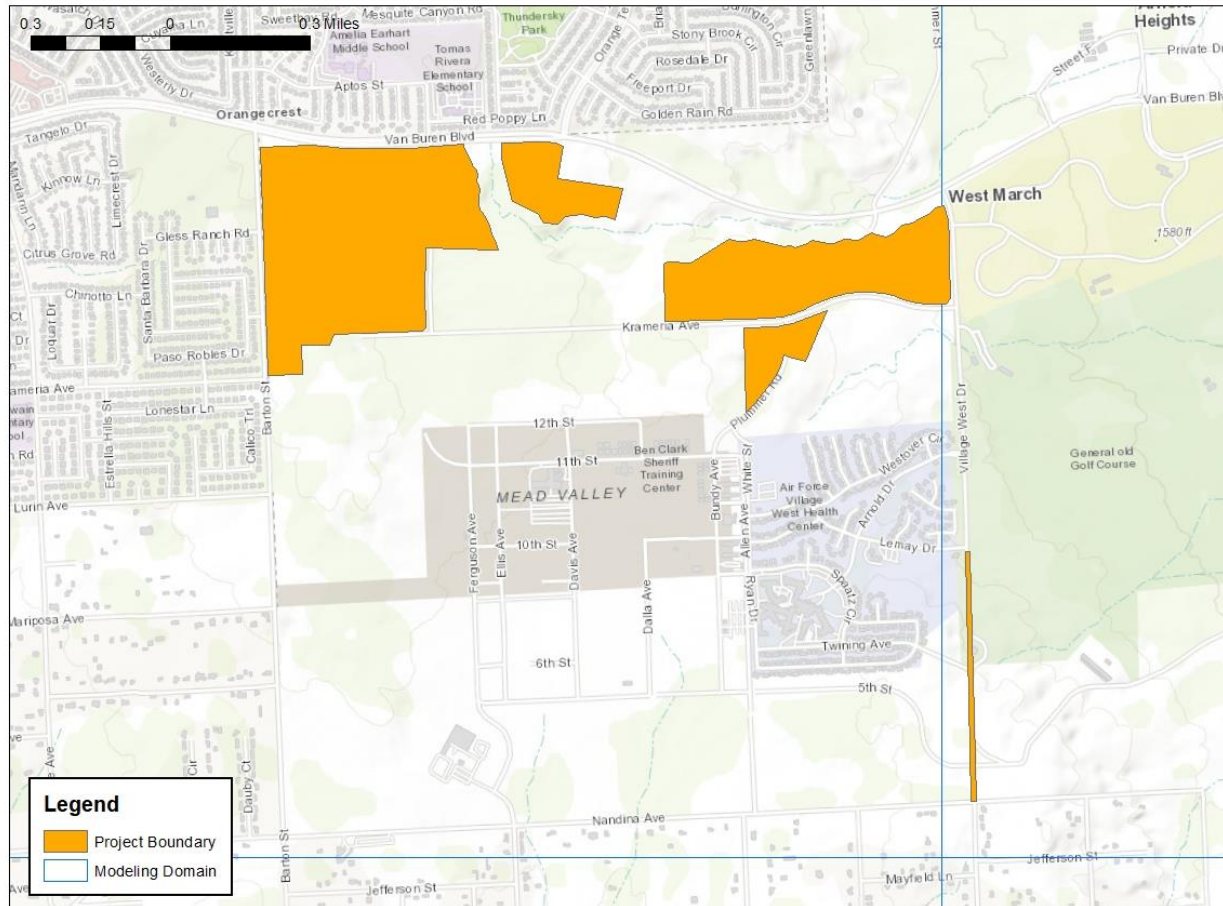


Figure 2-1b. Passenger Car Mobile Emissions Distribution

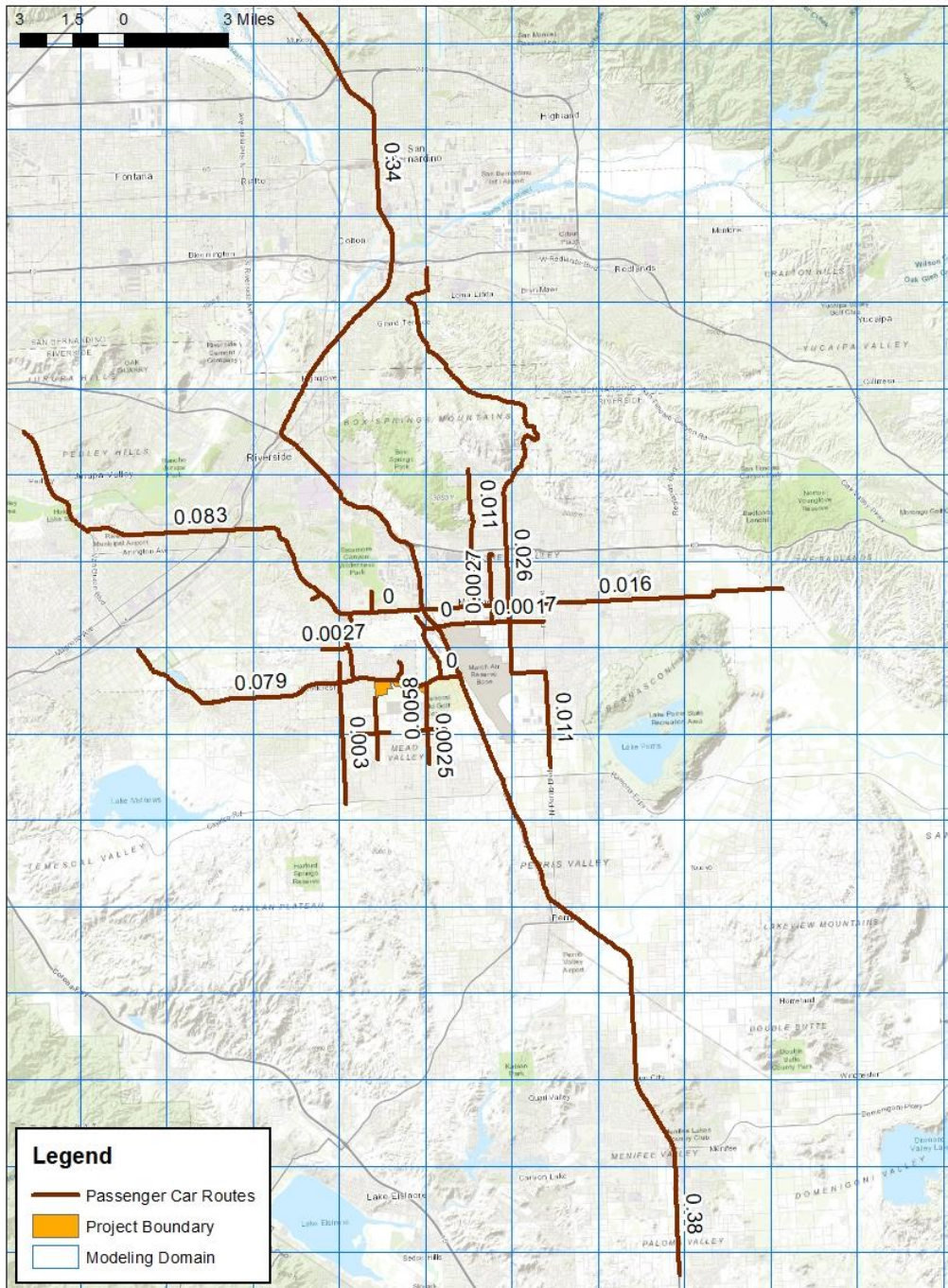
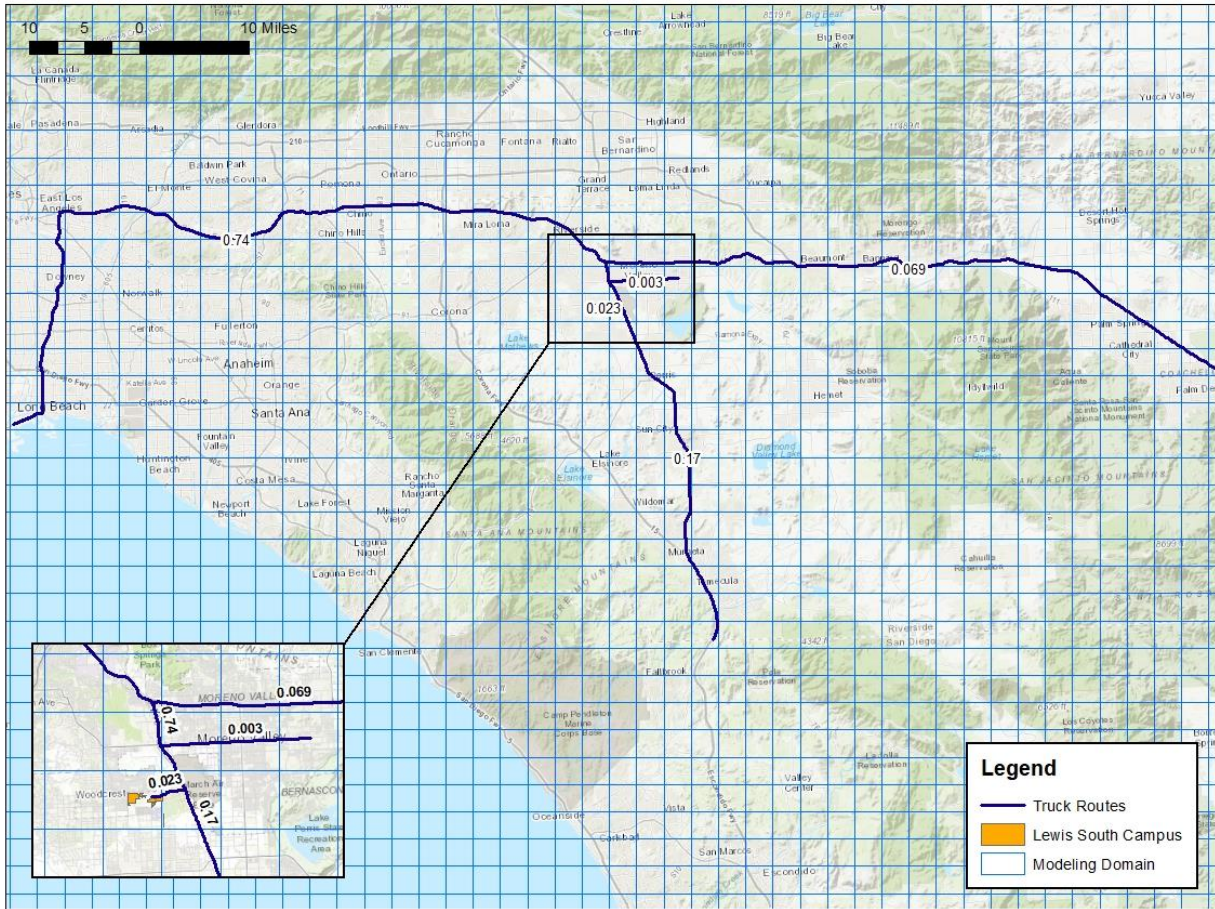


Figure 2-1c. Truck Mobile Emissions Distribution



2.2 Convert Project Inventories to SMOKE Input Format

The first step in the emissions processing was to convert the Project emission inventory into the Flat File 2010 (FF10) format for input to SMOKE. Appropriate Source Classification Codes (SCCs) were then assigned to the Project emissions sources. **Table 2-3** provides the SCC assigned to each Project source.

Table 2-3. Assigned SCC to Project Emission Sources

Emission Source	SCC	SCC Description
Mobile	220100111R	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Vehicles (LDGV); Rural Interstate: Resting
Mobile	220100111S	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Vehicles (LDGV); Rural Interstate: Start
Mobile	220100111V	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Vehicles (LDGV); Rural Interstate: Eva (except Refueling)
Mobile	220100111X	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Vehicles (LDGV); Rural Interstate: Exhaust
Mobile	220102011R	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Trucks 1 & 2 (M6) = LDGT1 (M5); Rural Interstate: Resting
Mobile	220102011S	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Trucks 1 & 2 (M6) = LDGT1 (M5); Rural Interstate: Start
Mobile	220102011V	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Trucks 1 & 2 (M6) = LDGT1 (M5); Rural Interstate: Eva (except Refueling)
Mobile	220102011X	Mobile Sources; Highway Vehicles - Gasoline; Light Duty Gasoline Trucks 1 & 2 (M6) = LDGT1 (M5); Rural Interstate: Exhaust
Mobile	220107011B	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Interstate: Brake Wear
Mobile	220107011I	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Interstate: Idle
Mobile	220107011R	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Interstate: Resting
Mobile	220107011S	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Interstate: Start
Mobile	220107011T	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Interstate: Tire Wear
Mobile	220107011V	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Interstate: Eva (except Refueling)
Mobile	220107011X	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Interstate: Exhaust
Mobile	220107013I	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Other Principal Arterial: Idle
Mobile	220107013R	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Other Principal Arterial: Resting

Table 2-3. Assigned SCC to Project Emission Sources

Emission Source	SCC	SCC Description
Mobile	220107013S	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Other Principal Arterial: Start
Mobile	220107013V	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Other Principal Arterial: Eva (except Refueling)
Mobile	220107013X	Mobile Sources; Highway Vehicles - Gasoline; Heavy Duty Gasoline Vehicles 2B thru 8B & Buses (HDGV); Rural Other Principal Arterial: Exhaust
Mobile	220108011R	Mobile Sources; Highway Vehicles - Gasoline; Motorcycles (MC); Rural Interstate: Resting
Mobile	220108011S	Mobile Sources; Highway Vehicles - Gasoline; Motorcycles (MC); Rural Interstate: Start
Mobile	220108011V	Mobile Sources; Highway Vehicles - Gasoline; Motorcycles (MC); Rural Interstate: Eva (except Refueling)
Mobile	220108011X	Mobile Sources; Highway Vehicles - Gasoline; Motorcycles (MC); Rural Interstate: Exhaust
Mobile	223000111X	Mobile Sources; Highway Vehicles - Diesel; Light Duty Diesel Vehicles (LDDV); Rural Interstate: Exhaust
Mobile	223006011X	Mobile Sources; Highway Vehicles - Diesel; Light Duty Diesel Trucks 1 thru 4 (M6) (LDDT); Rural Interstate: Exhaust
Mobile	223007111B	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 2B; Rural Interstate: Brake Wear
Mobile	223007111I	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 2B; Rural Interstate: Idle
Mobile	223007111T	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 2B; Rural Interstate: Tire Wear
Mobile	223007111X	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 2B; Rural Interstate: Exhaust
Mobile	223007211B	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 3, 4, & 5; Rural Interstate: Brake Wear
Mobile	223007211I	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 3, 4, & 5; Rural Interstate: Idle
Mobile	223007211T	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 3, 4, & 5; Rural Interstate: Tire Wear
Mobile	223007211X	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 3, 4, & 5; Rural Interstate: Exhaust
Mobile	2230072110	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 3, 4, & 5; Rural Interstate: Total

Table 2-3. Assigned SCC to Project Emission Sources		
Emission Source	SCC	SCC Description
Mobile	223007311B	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 6 & 7; Rural Interstate: Brake Wear
Mobile	223007311I	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 6 & 7; Rural Interstate: Idle
Mobile	223007311S	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 6 & 7; Rural Interstate: Start
Mobile	223007311T	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 6 & 7; Rural Interstate: Tire Wear
Mobile	223007311X	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Vehicles (HDDV) Class 6 & 7; Rural Interstate: Exhaust
Mobile	223007513I	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Buses (School & Transit); Rural Other Principal Arterial: Idle
Mobile	223007513S	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Buses (School & Transit); Rural Other Principal Arterial: Start
Mobile	223007513X	Mobile Sources; Highway Vehicles - Diesel; Heavy Duty Diesel Buses (School & Transit); Rural Other Principal Arterial: Exhaust
Mobile	2294000000	Mobile Sources; Paved Roads; All Paved Roads; Total: Fugitives

2.2.1 Generate Spatial Surrogates for 4-km Domains

As part of the analysis, the Project source emissions need to be spatially allocated to appropriate geographic locations. The emissions can be allocated to modeling grid cells using gridding surrogates. To process the Project emissions, a Project area-based spatial surrogate was developed. The surrogate was developed using the US Environmental Protection Agency (USEPA's) Spatial Allocation Tool,³ which combines geographical information system (GIS)-based data (shapefiles) and modeling domain definitions to generate the appropriate gridded surrogate data set. The Project sources were then assigned specific surrogates for gridding by cross-referencing the SCCs. As mentioned above, all Project emissions were distributed in the modeling grid cells where the Project and trip routes are located as shown in **Figures 2-1b and 2-1c**.

2.2.2 SMOKE 4 km Processing of Project Emissions

SMOKE system was used to process emissions for the Southern California 4-km modeling grid shown in **Figures 2-1b and 2-1c**. A representative week from each month (seven days a month) was used to represent the entire month's emissions. Holidays were modeled separately as if they were a Sunday. SMOKE was applied to perform following tasks:

1. Chemical Speciation: Emission estimates of criteria pollutants were speciated for the SAPRC07 AERO6 chemical mechanism employed in Community Multiscale Air Quality (CMAQ) in SMOKE processing. Speciation profiles compatible with the SAPRC07 AERO6 mechanism from the South Coast Air Quality Management District's (SCAQMD) modeling system were used to be consistent

³ https://www.cmascenter.org/sa-tools/documentation/4.2/html/srgtool/SurrogateToolUserGuide_4_2.pdf.

with the regional modeling emissions. Those emissions were then converted into Comprehensive Air Quality Model with extensions (CAMx)-ready formats using CMAQ2CAMx conversion program and species mapping.

2. Temporal Allocation: Annual emission estimates were resolved on an hourly timescale for CAMx modeling. These allocations were determined from the particular source category, specified by the SCC. Monthly, weekly, and diurnal profiles were cross-referenced to the SCCs to provide the appropriate temporal resolution. The temporal profiles were also obtained from the Bay Area Air Quality Management District's (BAAQMD) emissions modeling system, as they were unavailable from SCAQMD.
3. Spatial Allocation: The Project emission estimates were spatially resolved to the grid cells for modeling using spatial surrogates as described above.

2.2.3 QA/QC of Emissions Modeling

Standard quality assurance/quality control (QA/QC) was conducted during all aspects of the SMOKE emissions processing. These steps followed the approach recommended in the USEPA modeling guidance (USEPA, 2007). SMOKE includes quality assurance (QA) and reporting features to keep track of the adjustments at each processing stage and ensure that data integrity is not compromised. Ramboll carefully reviewed the SMOKE log files for error messages and ensured that appropriate source profiles were used. All error records reported during processing were reviewed and resolved. This is important to ensure that source categories are correctly characterized. Ramboll also compared SMOKE input and output emissions: summary tables were generated to compare input inventory totals against model-ready output totals to confirm consistency. Spatial plots were generated to visually verify correct spatial allocation of the emissions.

2.2.4 Merge SMOKE Pre-merged Emissions to Generate CAMx-ready Emission Inputs

The final step in the emissions processing is to merge the Project gridded emissions with other regional components through the gridded merge program (MRGUAM) for CAMx. The daily emissions were merged in the time format required by CAMx.

2.2.5 Emissions Summary

Summaries of the Project gridded CAMx model-ready emissions data are provided in this section.

Table 2-4 summarizes the Project emission inventory data input to SMOKE from the FF10 data files in pounds per day by source type. **Table 2-5** presents the emissions data after SMOKE processing for Project emissions. The consistency in data in Tables 2-4 and 2-5 offer confidence in the correct operation of the SMOKE emissions processing for CAMx.

Table 2-4. Mitigated Incremental Project Emission Inventory Data Input to SMOKE by Source Type (lbs/day)						
Emission Category	ROG	NO_x	CO	SO₂	PM₁₀	PM_{2.5}
	lbs/day	lbs/day	lbs/day	lbs/day	lbs/day	lbs/day
On-Road Mobile (Passenger Cars)	27	233	6.3	--	--	--
On-Road Mobile (Trucks)	9.0	509	91	2.7	112	35
Total	36	742	97	2.7	112	35

Table 2-5. Mitigated Incremental Project Emission Inventory Data Output from SMOKE by Project Region (lbs/day)

Type	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Onsite	15	102	35	0.06	0.005	0.010
Offsite (Passenger Cars)	15	192	3.2	--	--	--
Offsite (Trucks)	5.8	448	59	2.6	112	35
Total	36	742	97	2.7	112	35

Spatial displays of the gridded emissions data are presented below. Ramboll examined the gridded emissions in 4-km grid to verify accurate spatial allocation by SMOKE. **Figures 2-2 through 2-7** displays gridded emissions for the Project inventory in the 4-km modeling grid. A zoom-in plot highlighting the maximum emissions near the Project site is shown on the right, which may have a different color scale.

Figure 2-2. Spatial Distribution of CO Emissions (in lbs/day) for the Project in the Southern California 4-km Domain

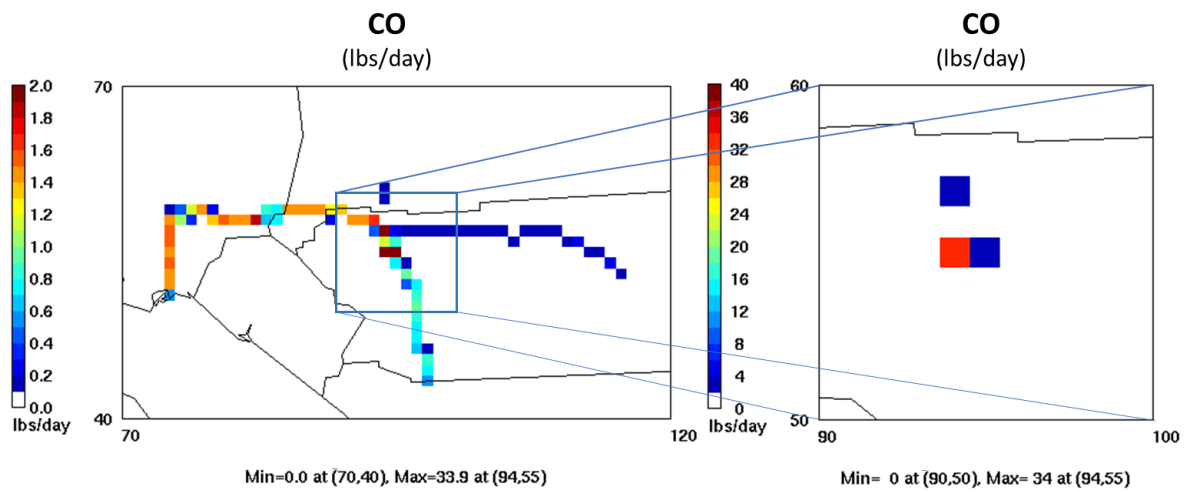


Figure 2-3. Spatial Distribution of NO_x Emissions (in lbs/day) for the Project in the Southern California 4-km Domain

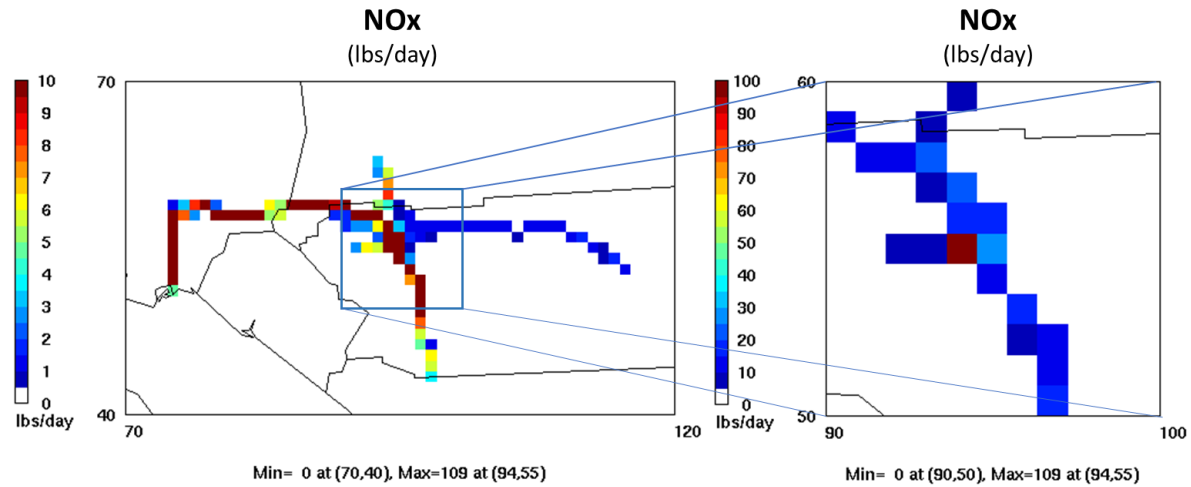


Figure 2-4. Spatial Distribution of VOC Emissions (in lbs/day) for the Project in the Southern California 4-km Domain

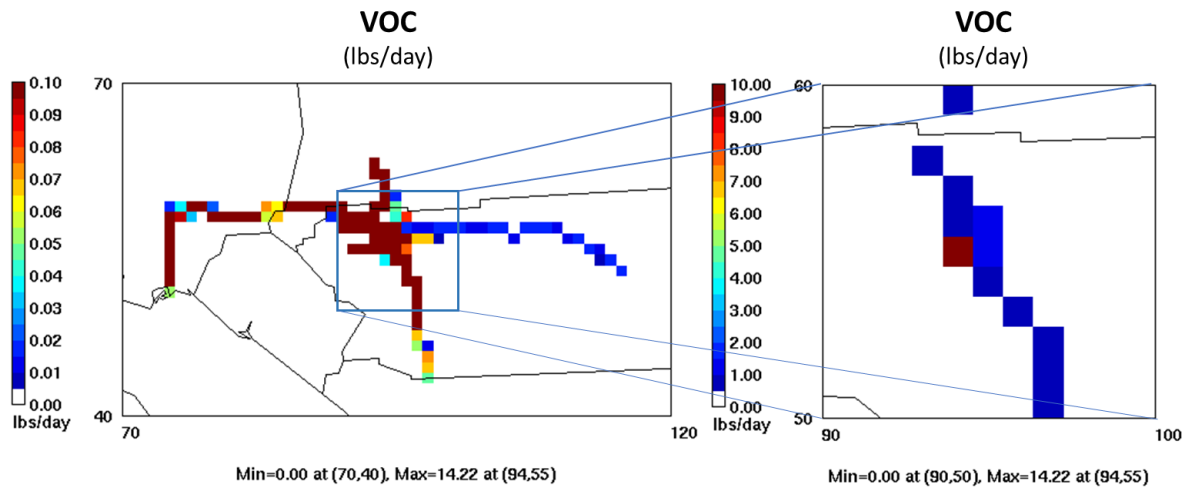


Figure 2-5. Spatial Distribution of SO₂ Emissions (in lbs/day) for the Project in the Southern California 4-km Domain

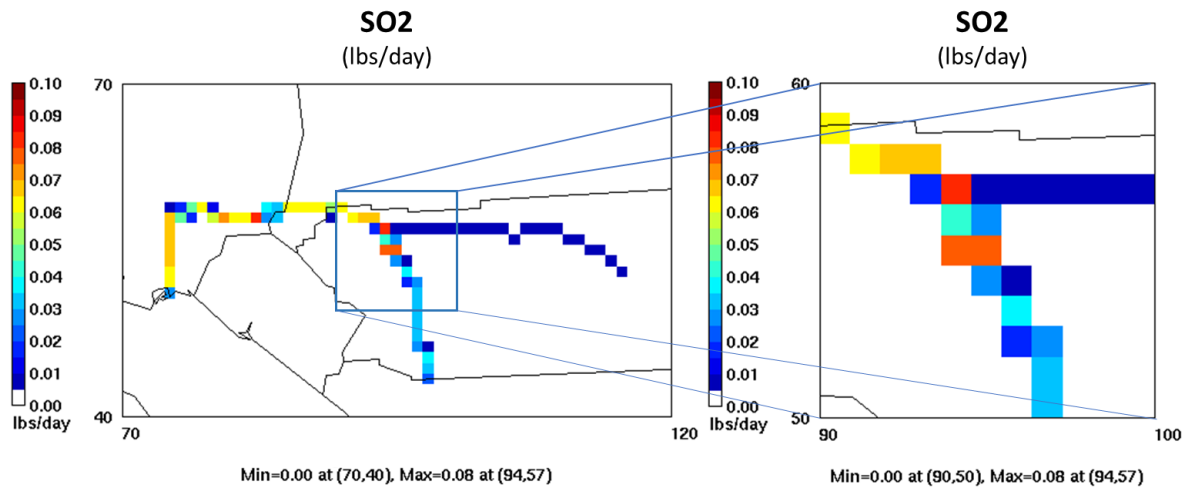


Figure 2-6. Spatial Distribution of PM₁₀ Emissions (in lbs/day) for the Project in the Southern California 4-km Domain

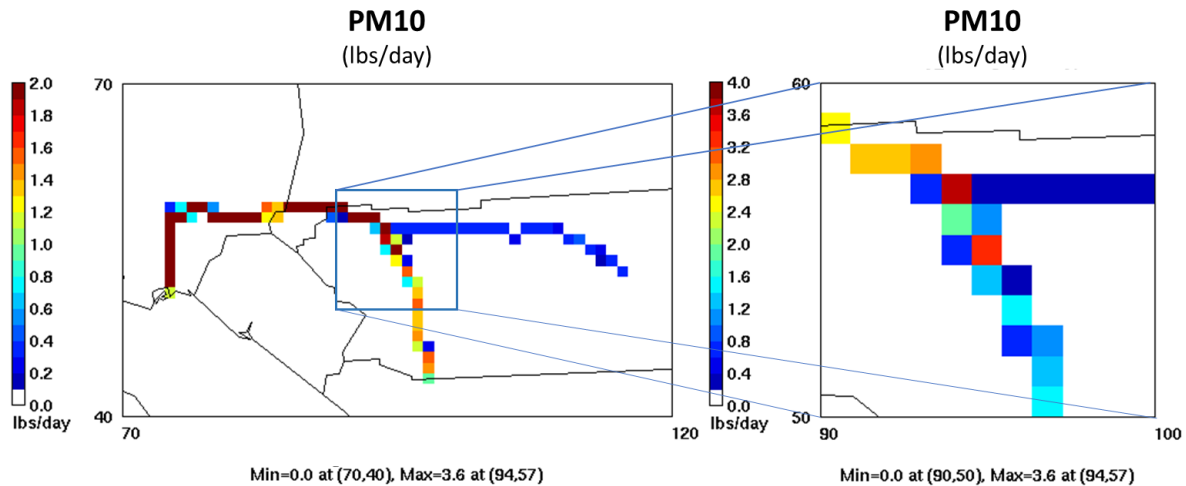
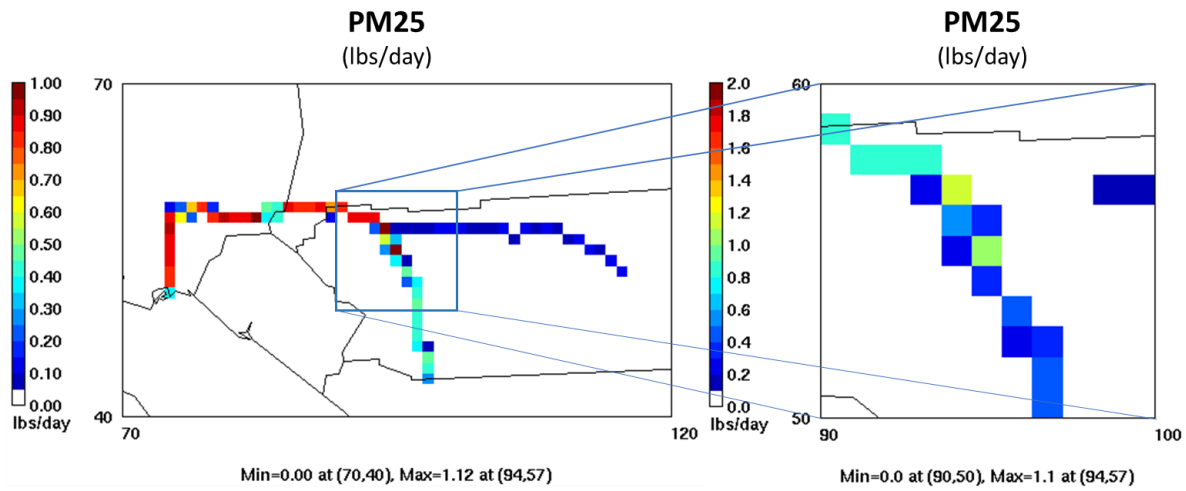


Figure 2-7. Spatial Distribution of PM_{2.5} Emissions (in lbs/day) for the Project in the Southern California 4-km Domain



3. REFERENCES

- /1/ Coats Jr., C.J., 1996. High-performance algorithms in the Sparse Matrix Operator Kernel Emissions (SMOKE) modeling system. Proc. Ninth AMS Joint Conference on Applications of Air Pollution Meteorology with AWMA. Amer. Meteor. Soc., Atlanta, GA, 584-588.
- /2/ Coats Jr., C.J., Houyoux, M.R., 1996. Fast Emissions Modeling with the Sparse Matrix Operator Kernel Emissions (SMOKE) Modeling System. The Emission Inventory: Key to Planning, Permits, Compliance, and Reporting, Air & Waste Management Association. New Orleans, Louisiana.
- /3/ USEPA, 2007. Guidance on the Use of Models and Other Analyses for Demonstrating Attainment of Air Quality Goals for Ozone, PM_{2.5} and Regional Haze. Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Research Triangle Park, NC. EPA-454/B-07-002.

APPENDIX B

PGM INPUTS, OUTPUTS, AND ASSUMPTIONS

1. REGIONAL AIR QUALITY MODELING PLATFORM

The Southern California 2012 4-kilometer (km) Comprehensive Air Quality Model with extensions (CAMx)¹ modeling database along with a 2023 emissions database were used in this assessment. The 2012 base case is based on a Photochemical Grid Model (PGM) database developed by the South Coast Air Quality Management District (SCAQMD) as part of the modeling and attainment demonstration for their 2016 Air Quality Management Plan.² This PGM database is tailored for Southern California and reflects updated emissions estimates, new technical information and enhanced air quality modeling techniques. The database uses a high-resolution 4-km horizontal grid to better simulate meteorology and air quality in the complex terrain and coastal environment of California. This contrasts with the United States Environmental Protection Agency's (USEPA's) national modeling platforms³ used for national rulemakings (e.g., transport rules such as CSAPR⁴ or defining new National Ambient Air Quality Standards [NAAQS]) that use a coarser 12-km horizontal grid resolution. The model domain is shown in **Figure 1-1**.

Details of the model inputs, configuration, and results are presented in Section 2 of this Appendix.

Figure 1-1. Air Quality Modeling Domain for Southern California



¹ <http://www.camx.com>.

² <http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/final-2016-aqmp>.

³ <https://www.epa.gov/air-emissions-modeling/2014-2016-version-7-air-emissions-modeling-platforms>.

⁴ <https://www.epa.gov/csapr>.

2. REGIONAL GRID MODELING

This section describes the regional PGM modeling setup to assess the outcome of the mitigated incremental Project operational emissions on the ambient Particulate Matter less than 2.5 microns in diameter (PM_{2.5}) levels in the region. The 2012 base case modeling databases were developed by the SCAQMD for the Community Multiscale Air Quality (CMAQ) PGM. The CMAQ annual 2012 4-km modeling database and annual 2012 4-km Weather Research and Forecasting (WRF) meteorological model output files were obtained from the SCAQMD. The SCAQMD CMAQ and WRF 2012 4-km data were then processed to generate a 2012 4-km annual PGM modeling database suitable for the CAMx. The following paragraphs describe how Ramboll developed the CAMx 2012 4-km annual database used in this study, starting with the SCAQMD CMAQ and WRF 2012 4-km data. Preparation of the Project mitigated emissions inputs for CAMx is discussed in **Appendix A**.

2.1 Model Inputs and Configuration

The SCAQMD emissions database has both 2012 and 2023 future year projections for CMAQ area and in-line point emissions. Ramboll converted both years' emissions to corresponding CAMx area and point-source emissions files using the CMAQ2CAMx interface program.⁵ Sea salt emissions were developed using an emissions processor that integrates published sea spray flux algorithms to estimate sea salt PM emissions for input to CAMx. The CAMx sea salt emissions were then merged with area emissions files.

The most commonly used prognostic meteorological models to provide meteorological fields for air quality modeling are the Weather Research and Forecasting (WRF) model (Skamarock et al., 2005) and the Fifth-Generation Mesoscale Model (MM5; Grell et al, 1994). MM5 is a nonhydrostatic, prognostic meteorological model developed in the 1970s by Pennsylvania State University and the National Center for Atmospheric Research (NCAR) and has been widely used for urban- and regional-scale photochemical, fine particulate, and regional haze regulatory modeling studies. However, development of MM5 ceased in 2006, and WRF has become the new standard model used in place of the older MM5 for regulatory air quality applications in the US. Developed jointly by NCAR and the National Center for Environmental Prediction in late 1990s, WRF has been under continuous development, improvement, testing and open peer-review for more than 10 years and used world-wide by hundreds of researchers and practitioners around the globe for a variety of mesoscale studies. SCAQMD adopted WRF version 3.6 for the 2012 simulations. For the current application, the meteorology remains unchanged for the future year simulation and SCAQMD WRF 2012 4-km model outputs were processed using the WRFCAMx⁶ processor to generate the meteorological fields ready for CAMx. The WRF model employs a terrain-following coordinate system defined by pressure, using multiple layers that extend from the surface to 50 millibars (approximately 19 kilometers above ground level [AGL]). A layer averaging scheme is adopted for CAMx simulations to reduce the computational burden. **Table 2-1** presents the mapping from the WRF vertical layer structure to the CAMx vertical layers.

⁵ <http://www.camx.com/download/support-software.aspx>.

⁶ WRFCAMx is available on the CAMx website (<http://www.camx.com/download/support-software.aspx>).

Table 2-1. Vertical Layer Structure for WRF and CAMx Modeling					
WRF		CAMx			
Layer	Height (m)	Layer	Height (m)	Thickness (m)	Sigma
30	19260	18	19260	4769	0.0000
29	17456				
28	15900				
27	14492	17	14492	6027	0.0788
26	13185				
25	11945				
24	10755				
23	9597				
22	8465	16	8465	4906	0.2930
21	7345				
20	6237				
19	5177				
18	4295				
17	3559	15	3559	1560	0.6254
16	2944				
15	2430				
14	1999	14	1999	358	0.7733
13	1641	13	1641	300	0.8107
12	1341	12	1341	251	0.8431
11	1090	11	1090	209	0.8709
10	881	10	881	175	0.8946
9	706	9	706	146	0.9148
8	561	8	561	121	0.9319
7	439	7	439	101	0.9463
6	338	6	338	85	0.9585
5	253	5	253	70	0.9688
4	183	4	183	59	0.9774
3	124	3	124	49	0.9846
2	75	2	75	41	0.9907
1	34	1	34	34	0.9958
0	0		0	0	1

The SCAQMD data set provided the lateral boundary conditions (BCs) for the 4-km state-wide modeling grid. The SCAQMD simulated a 12-km domain whose boundary concentrations were extracted from a global model simulation for the year 2012. The Model for Ozone and Related Chemical Tracers Version 4 (MOZART-4; Emmons et al., 2010) is a global chemical transport model developed jointly by NCAR, the Geophysical Fluid Dynamics Laboratory, and the Max Planck Institute for Meteorology, and simulates chemistry and transport of tropospheric gases and bulk aerosols. The

12-km outputs were saved and used to derive the boundary conditions for the 4-km domain. The CMAQ2CAMX processor was used to convert the CMAQ 4-km boundary conditions to suitable CAMx BCs. The model was initialized from clean initial concentrations and five days of spin-up period were used for the 4-km grids to minimize their influence.

Additional data used in the air quality modeling include ozone column data from the Ozone Monitoring Instrument (OMI), which continues the Total Ozone Mapping Spectrometer (TOMS) record for total ozone and other atmospheric parameters related to ozone chemistry (OMI officially replaced the TOMS ozone column satellite data on January 1, 2006). OMI data are available every 24-hours and are obtained from the TOMS ftp site.⁷ The CAMx O3MAP program reads the OMI ozone column txt file data and interpolates to fill gaps and generated gridded daily ozone column input data. The OMI data is used in the CAMx (TUV) radiation models, which is a radiative transfer model that develops clear-sky photolysis rate inputs for CAMx. The land use file was generated with the WRFCAMx processor and modified to remove lakes and set coastal waters with a surf zone width of 50 m; this file was used to update the emissions database and provide more realistic representation of sea salt emissions.

Table 2-2 presents the CAMx configuration used for the modeling in this Project analysis. In the past, the Carbon-Bond IV (CB4) chemical mechanism (Gery et al., 1989) has been predominantly used for the California State Implementation Plan (SIP) modeling. In 1999, however, the California Air Resources Board's (CARB's) Reactivity Scientific Advisory Committee recommended switching to the 1999 State-wide Air Pollution Research Center (SAPRC99) chemical mechanism (Carter, 2000) based on a comprehensive review by Stockwell (1999), and SAPRC99 has since been the mechanism of choice for the California SIPs. The 2007 update to the SAPRC chemistry mechanism, called SAPRC07 (Carter, 2010), replaced the dated SAPRC99 mechanism. The version implemented in CAMx is SAPRC07TC, which includes additional model species to explicitly represent selected toxics and reactive organic compounds and uses numerical expressions of rate constants that are compatible with the current chemistry mechanism solver. The partitioning of inorganic aerosol constituents (sulfate, nitrate, ammonium and chloride) between gas and aerosol phases is performed using the ISORROPIA module. The Secondary Organic Aerosol Processor (SOAP) is a semi-volatile equilibrium scheme used to perform the organic aerosol-gas partitioning. These processes are described in more detailed in the CAMx user guide.⁸

⁷ <ftp://toms.gsfc.nasa.gov/pub/omi/data/>.

⁸ http://www.camx.com/files/camxusersguide_v6-50.pdf

Table 2-2. CAMx Modeling Configuration		
Science Option	Configuration	Notes
Model Code	CAMx v6.5	Released April 2018
Horizontal Grid	4-km 1-way nesting	
O3 and PM 4-km	156 x 102 grid cells	
Vertical Grid	18 vertical layers extending up to ~19 km AGL	Collapsed from 30 WRF layers (see Table 3-1)
Initial Conditions	Clean initial conditions	5-day spin-up for 4-km domain
Boundary Conditions	CMAQ 4km lateral concentrations converted to CAMx	
Photolysis Rate	Photolysis rates lookup table	Derived from satellite measurements and TUV processor
Gas-phase Chemistry	SAPRC07TC	Solved by the Euler Backward Iterative (EBI) solver
Aerosol-phase Chemistry	ISORROPIA (inorganic aerosol) SOAP v2.1 (organic aerosol)	
Meteorological Input Pre-processor	WRFCAMx v4.7	
Advection	Piecewise Parabolic Method (PPM)	
Diffusion	Eddy diffusion algorithm	

2.2 Model Results

The future modeling scenario was simulated using the CAMx source apportionment technology. Both cumulative concentrations from all the sources and the concentrations from Project-specific mitigated emissions are derived from separate simulations following the model configuration discussed in the previous section. The model results of hourly PM_{2.5} concentrations were processed into aggregated metrics that are relevant to health effects.

PM_{2.5} Model Results

The metrics relevant to the PM_{2.5} health effects selected in this study are 24-hour and annual average concentrations (see **Appendix C**).

Figure 2-1 shows spatial plots of annual average and a single day episode maximum 24-hour average PM_{2.5} concentrations from the base case and the Project emissions. In the 2023 base case scenario, the highest concentrations occur in Los Angeles County and the central portion of Imperial County. Annual PM_{2.5} concentrations in these counties generally range between 10 and 20 micrograms per cubic meter (µg/m³) with isolated regions that could be higher than 25 µg/m³. Contributions of the Project emissions to annual average PM_{2.5} are 0.018 µg/m³ at the most impacted area and represent a

0.19 percent increase over the base case concentrations at that location. Contributions to the maximum 24-hour average $PM_{2.5}$ are $0.112 \mu\text{g}/\text{m}^3$ at the most impacted area and represent a 0.33 percent increase over the base case concentrations at that location.

Figure 2-2 presents increases in annual average and maximum 24-hour average $PM_{2.5}$ due to the Project emissions by $PM_{2.5}$ chemical component at the grid cell of maximum concentration change. The figure shows that on average, 51 percent of the impacts are due to secondary PM (mostly nitrate) while the other 49 percent is due to the primary concentrations of crustal material (labeled other), elemental carbon and primary organic aerosol. The maximum 24-hr concentrations at the cell of highest impact show that nitrate represents over 90 percent of the contribution from the Project at this location.

Figure 2-1. Results of the 4 km $PM_{2.5}$ Modeling Domain
 $PM_{2.5}$ Concentrations from the Base Case Scenario (left panels);
Increases in $PM_{2.5}$ due to the Project (center and right panels);
Annual Averages (top panels); Maximum 24-hour Averages (bottom panels)

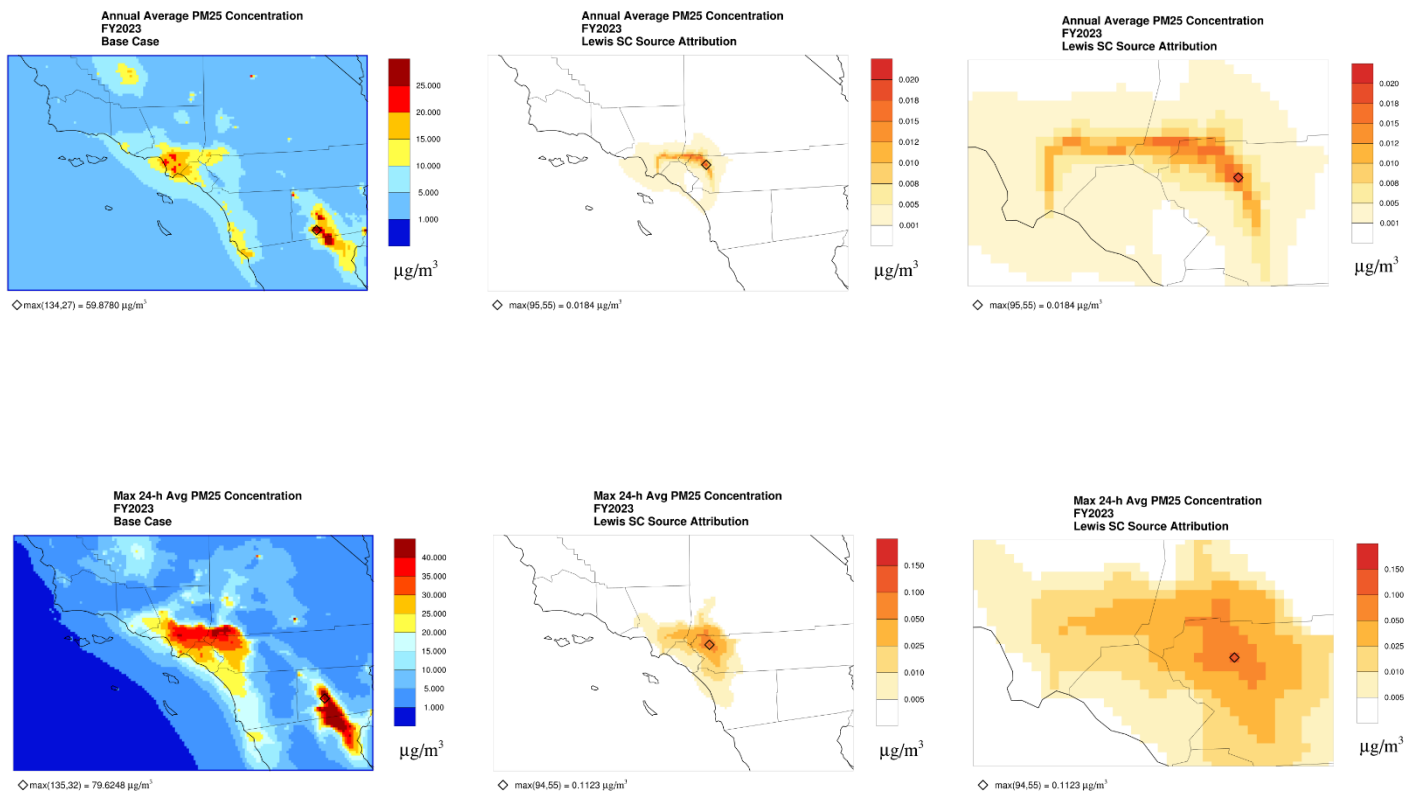
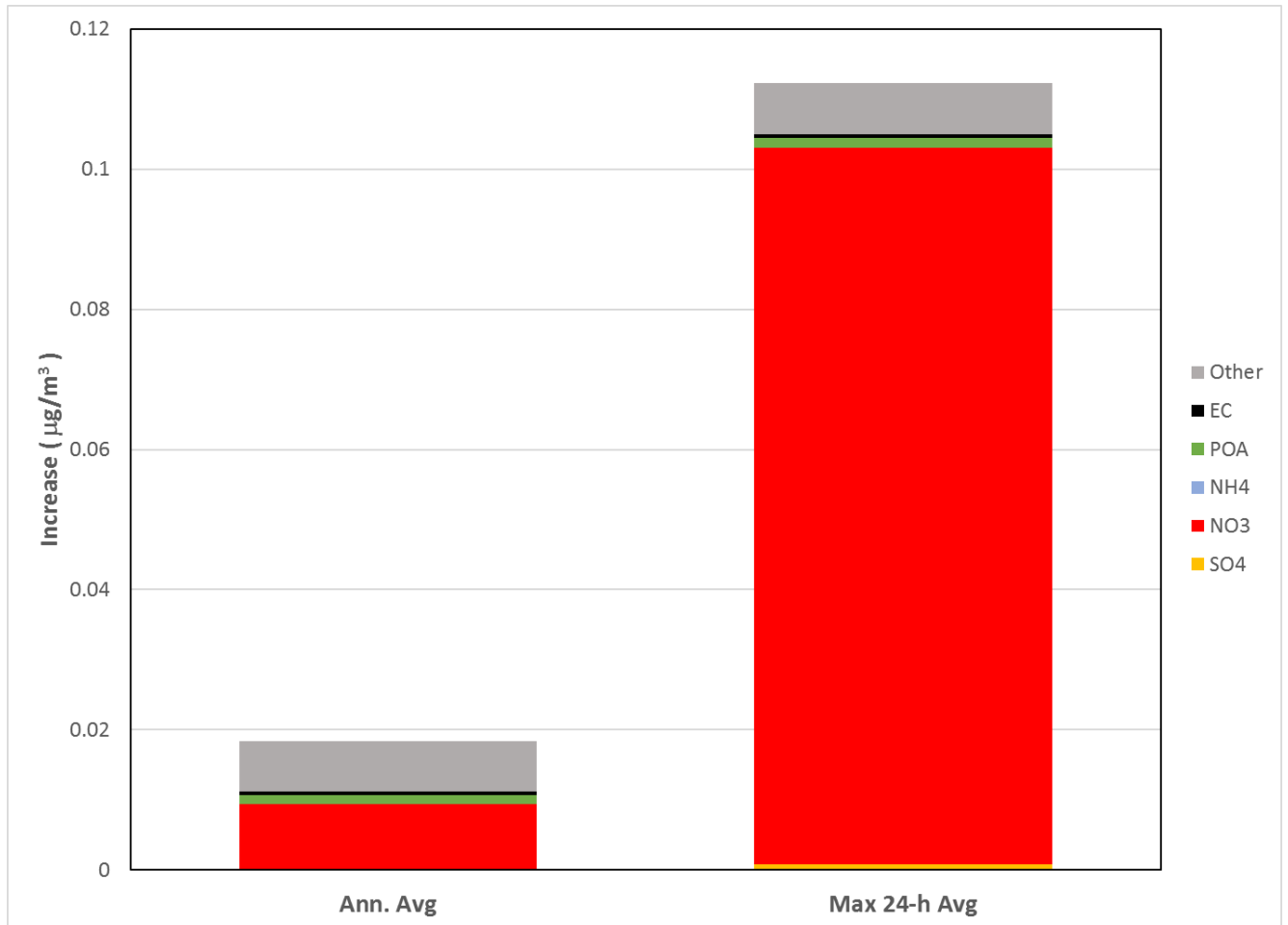


Figure 2-2. Increases in Annual Average and Episode Maximum 24-hour Average PM_{2.5} Concentrations due to the Project by PM_{2.5} Component: fine particulate sulfate (SO₄), nitrate (NO₃), ammonium (NH₄), primary organic aerosol (POA), elemental carbon (EC), and other primary PM (Other); Where the Maximum Change due to Project Emissions Occurred



Ozone Model Results

The metrics relevant to the ozone health effects selected in this study are consistent with the ozone NAAQS (see **Appendix C**). The model provides hourly concentrations that are further post-processed to produce maximum daily average 8-hour (MDA8) ozone concentrations for each day.

Figure 2-3 displays spatial plots of the annual average MDA8 ozone for the 2023 emissions scenario and the corresponding annual average MDA8 increases due to the Project emissions. In the 2023 base case emissions scenario, the eastern portion of Los Angeles County, the western portions of San Bernardino and Riverside counties and the northern portion of Orange County show the largest concentrations ranging between 50 and 57 ppb. The maximum impact to the annual average MDA8 ozone concentrations due to the Project is 0.039 ppb and occurs in north-western Riverside County where it represents a 0.074 percent increase over the base case concentrations. **Figure 2-4** displays MDA8 ozone for the base case and increases in MDA8 ozone due to the mitigated Project on August 12th, the day that the Project has the highest ozone contribution for the entire modeling year. The highest MDA8 ozone contribution due to the mitigated Project is 0.262 ppb (Figure 2-4, right) that occurs in north-western Riverside County where it represents a 0.35 percent increase over the base case concentrations for that day.

Figure 2-3. Annual Average MDA8 Ozone Concentrations from the Base Case Scenario (left) and Increases in Annual Average MDA8 Ozone Concentrations due to the Mitigated Project (right) for the Annual Modeling of the 2023 Emissions Scenario

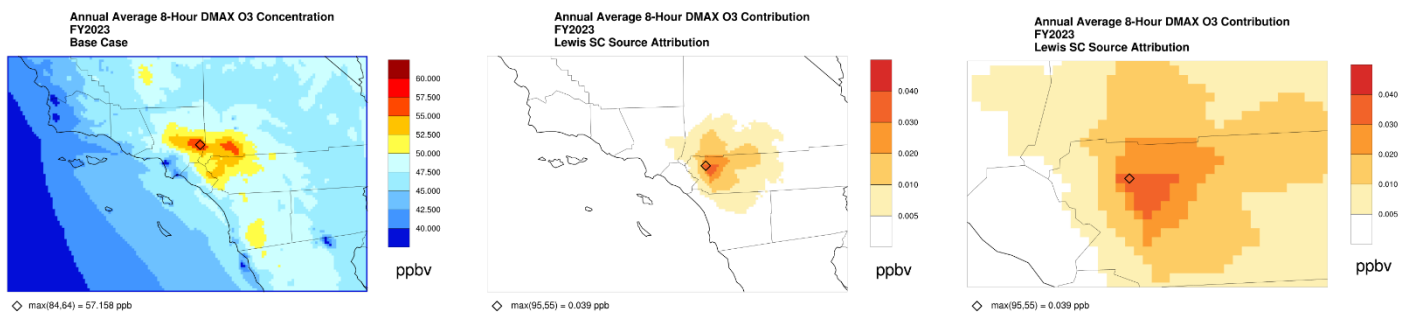
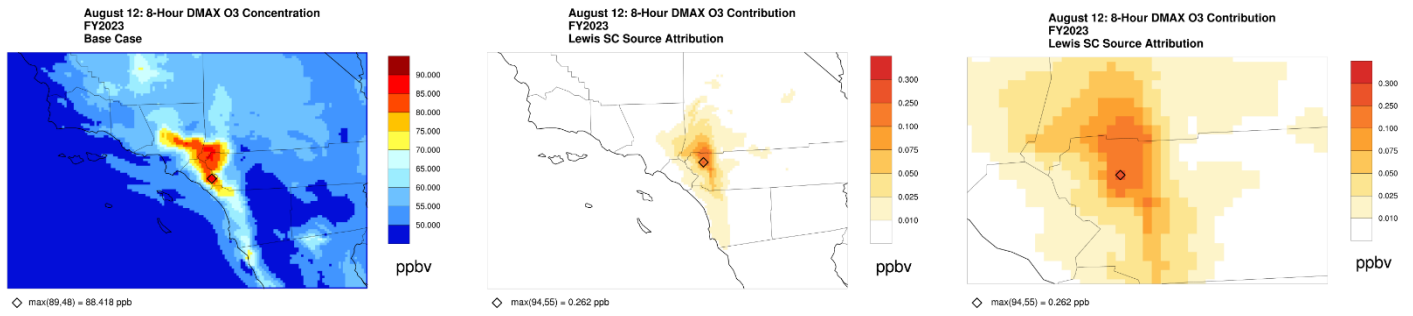


Figure 2-4. MDA8 Ozone Concentrations from the Base Case Scenario (left) and Increases in MDA8 Ozone Concentrations due to the Mitigated Project (right) on August 12, the Day with the Highest Mitigated Project Ozone Contributions for the Annual Modeling of the 2023 Emissions Scenario



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APPENDIX C

BENMAP AND POTENTIAL HEALTH EFFECTS

1. HEALTH EFFECTS ANALYSIS

The potential health effects of ozone and Particulate Matter less than 2.5 microns in diameter (PM_{2.5}) concentrations associated with the Project's emissions were estimated using the Environmental Benefits Mapping and Analysis Program (BenMAP), Community Edition v1.5 (March 2019).¹ BenMAP, originally developed by the United States Environmental Protection Agency (USEPA), is a powerful and flexible tool that helps users estimate human health effects and economic value resulting from changes in air quality. BenMAP outputs include PM- and ozone-related health endpoints such as premature mortality, hospital admissions, and emergency room visits. BenMAP uses the following simplified formula to relate changes in ambient air pollution to certain health endpoints (USEPA, 2018)²:

$$\text{Health Effect} = \text{Air Quality Change} \times \text{Health Effect Estimate} \times \text{Exposed Population} \\ \times \text{Background Health Incidence}$$

- Air Quality Change - The difference between the starting air pollution level (the base) and the air pollution level after some change, such as a new source.
- Health Effect Estimate - An estimate of the percentage change in an adverse health effect due to a one unit change in ambient air pollution. Effect estimates, also referred to as concentration-response (C-R) functions, are obtained from epidemiological studies.
- Exposed Population - The number of people affected by the air quality change. The government census office is a good source for this information. This analysis uses data from PopGrid, which is an add-on program to BenMAP that allocates the block-level U.S. Census population to a user-defined grid.³
- Background Health Incidence - An estimate of the average number of people over a given population that suffer from some adverse health effect over a given period of time. For example, the health incidence rate might be the probability that a person will die in a given year. Health incidence rates and other health data are typically collected by the government as well as the World Health Organization.⁴

BenMAP applies "effect functions" to calculate incremental health effects from incremental changes in PM and ozone, and an underlying assumption is that there is a causal link between PM and ozone exposures and health effects. The effect functions are derived from statistical correlations reported in epidemiologic studies that compare fluctuations in air pollutant levels measured at central monitors against small fluctuations in population-wide health effects. These are statistical correlations and do not establish a cause-and-effect relationship between small fluctuations in the level of one (or many) ambient air pollutants and health effects, particularly mortality. For example, there is no toxicological or experimental study that has demonstrated or supported that small incremental changes in PM concentrations as a whole, or major PM components, at ambient levels can cause any serious health

¹ <http://www.epa.gov/air/benmap/>.

² The common function used for calculating health effects is the following log-linear function: Health Effect = Background Health Incidence x [1 – exponential (Health Effect Estimate * Air Quality Change)] x Exposed Population.

³ <https://www.epa.gov/benmap/benmap-community-edition>.

⁴ Background health statistics were obtained from data included in the BenMAP model, and the sources are referenced in the BenMAP manual (AAI, 2018). For example, EPA obtained mortality rates from the Centers for Disease Control (CDC) WONDER database, and hospital admissions rates from the Healthcare Cost and Utilization Project (HCUP).

effects, let alone death (USEPA, 2009). That being said, in an overabundance of caution, and as an expression of the precautionary principal, BenMAP uses these studies to characterize the potential human health effect of small changes in PM and ozone concentrations.

The health endpoints analyzed in this study and the BenMAP results are presented in Section 2 of this appendix.

2. PROJECT HEALTH EFFECTS ANALYSIS RESULTS

This section presents the health effects of the Project incremental operational mitigated emissions on the population in the Southern California model domain, estimated by the BenMAP model.

The Comprehensive Air Quality Model with extensions (CAMx) modeling results (**Appendix B**) are processed to generate aggregated daily averages PM_{2.5} and maximum daily 8-hour ozone appropriate for various health endpoints. The CAMx simulation results from the full year (January to December) are used to estimate the health effects of PM_{2.5} and ozone. BenMAP translates increases in the pollutant concentration associated with the Project emissions to changes in the incidence rate for each health effect using a C-R function derived from previously published epidemiological studies. BenMAP often provides multiple C-R functions based on different epidemiological studies for a given health endpoint. We used the C-R functions used in past USEPA regulatory assessments when evaluating health effects, together with refined population data. This analysis uses population data from PopGrid, which allocates the census population to each modeled 4x4 kilometer (km) grid cell.

The population used for both the quantified health effects and the calculation of background health incidence presented here is for the future year 2024,⁵ for consistency with the Project buildout year. This is conservative compared to utilizing a 2023 population that would have been consistent with the CAMx model year.

2.1 PM_{2.5} Health Effects

Although there are a large number of potential health endpoints that could be included in the analysis as described above, Ramboll selected the key health endpoints that have been the focus of recent United States Environmental Protection Agency (USEPA) risk assessments (e.g., USEPA, 2010; USEPA, 2014). For example, the USEPA notes that health endpoints were selected based on consideration of at-risk populations (e.g. asthmatics), endpoints that have public health significance, and endpoints for which information is sufficient to support a quantitative concentration-response relationship (USEPA, 2014).

The health endpoints and associated C-R functions examined in this study are presented in **Table 2-1**. Each C-R function is based on a certain age range for the given health endpoint depending on the underlying epidemiological study on which it is based.

⁵ For background incidence rates, BenMAP projects likely mortality rates for future years, but for other health effects, incidence rates are based on population changes only and may not reflect rates for future years.

Table 2-1. Summary of PM_{2.5} Health Endpoints Used in this Study

Health Endpoint	Age Range	Daily Metric	Seasonal Metric	Annual Metric	C-R Function Selected
Emergency Room Visits, Asthma	0-99	24-hr mean			Mar et al., 2010 ¹
Mortality, All Cause	30-99	24-hr mean	Quarterly mean	Mean	Krewski et al., 2009 ¹
Hospital Admissions, Asthma	0-64	24-hr mean	-	-	Sheppard, 2003 ¹
Hospital Admissions, All Cardiovascular (less Myocardial Infarctions)	65-99	24-hr mean	-	-	Bell, 2008 ¹
Hospital Admissions, All Respiratory	65-99	24-hr mean	-	-	Zanobetti et al., 2009 ¹
Acute Myocardial Infarction, Nonfatal	18-24	24-hr mean	-	-	Zanobetti et al., 2009 ¹
Acute Myocardial Infarction, Nonfatal	25-44	24-hr mean	-	-	
Acute Myocardial Infarction, Nonfatal	45-54	24-hr mean	-	-	
Acute Myocardial Infarction, Nonfatal	55-64	24-hr mean	-	-	
Acute Myocardial Infarction, Nonfatal	65-99	24-hr mean	-	-	
¹ C-R functions available in BenMAP (USEPA, 2018).					

Project PM_{2.5} Health Effects

The maximum BenMAP-estimated annual health effect incidences associated with the Project's PM_{2.5} emissions in an individual 4-km x 4-km grid cell are shown in **Table 2-2** below.

Table 2-2. Maximum BenMAP-Estimated Annual Mean PM_{2.5} Health Effects of the Project Emissions in a Single 4-km x 4-km Grid Cell¹	
Health Endpoint²	Potential Incidences (Annual, Mean)
Emergency Room Visits, Asthma [0-99]	0.040
Mortality, All Cause [30-99]	0.066
Hospital Admissions, Asthma [0-64]	0.0036
Hospital Admissions, All Cardiovascular (less Myocardial Infarctions) [65-99]	0.0071
Hospital Admissions, All Respiratory [65-99]	0.016
Acute Myocardial Infarction, Nonfatal [18-24]	0.0000047
Acute Myocardial Infarction, Nonfatal [25-44]	0.00022
Acute Myocardial Infarction, Nonfatal [45-54]	0.00055
Acute Myocardial Infarction, Nonfatal [55-64]	0.0011
Acute Myocardial Infarction, Nonfatal [65-99]	0.0035
¹ Health effects are shown in terms of incidences of each health endpoint. ² Affected age ranges are shown in square brackets.	

The BenMAP-estimated percent of background health incidence associated with the Project emissions are presented in **Table 2-3**. These values represent a conservative estimation of health effects. The estimated increased incidence in those health effects are quite minor compared to the background health incidence values (shown in **Table 2-3** as percent of Background Health Incidence). The results show that all PM_{2.5} health effects were raised above the background health incidence levels at less than 0.002% of the total.

Table 2-3. BenMAP-Estimated Annual Mean PM_{2.5} Health Effects of the Project Emissions Across the Southern California Model Domain¹		
Health Endpoint²	Annual Percent of Background Health Incidence (%)	Background Health Incidence (Annual)
Emergency Room Visits, Asthma [0-99]	0.0019%	117,918
Mortality, All Cause [30-99]	0.0018%	230,952
Hospital Admissions, Asthma [0-64]	0.0012%	16,509
Hospital Admissions, All Cardiovascular (less Myocardial Infarctions) [65-99]	0.00025%	158,958
Hospital Admissions, All Respiratory [65-99]	0.00064%	135,774
Acute Myocardial Infarction, Nonfatal [18-24]	0.00075%	33
Acute Myocardial Infarction, Nonfatal [25-44]	0.00077%	1,776
Acute Myocardial Infarction, Nonfatal [45-54]	0.00078%	4,456
Acute Myocardial Infarction, Nonfatal [55-64]	0.00077%	9,070
Acute Myocardial Infarction, Nonfatal [65-99]	0.00071%	29,176
¹ Health effects are shown in terms of a comparison of each health endpoint to the base (2024 base year health effect incidences, or "background health incidence") values. Health effects and background health incidences are across the Southern California model domain.		
² Affected age ranges are shown in square brackets.		

2.2 Ozone Health Effects

As noted above, although a larger number of health endpoints could be evaluated, Ramboll selected the health endpoints based on recent USEPA risk assessments (USEPA, 2010; USEPA, 2014). The health endpoints and associated C-R functions examined in this study are presented in **Table 2-4**. Each C-R function is associated with a certain age range for the given health endpoint depending on the epidemiological study on which it is based.

Table 2-4. Summary of Ozone Health Endpoints Used in this Study.					
Health Endpoint	Age Range	Daily Metric	Seasonal Metric	Annual Metric	C-R Function Selected
Hospital Admissions, All Respiratory	65 - 99	MDA8	-	-	Katsouyanni et al., 2009 ¹
Mortality, Non-Accidental	0 - 99	MDA8	-	-	Smith et al., 2009 ¹
Emergency Room Visits, Asthma	0 - 17	MDA8	-	-	Mar and Koenig, 2009 ¹
Emergency Room Visits, Asthma	18 - 99	MDA8	-	-	Mar and Koenig, 2009 ¹
¹ C-R function available in BenMAP (USEPA, 2018).					

Project Ozone Health Effects

The maximum BenMAP-estimated annual health effect incidences associated with the Project's ozone emissions in an individual 4-km x 4-km grid cell are shown in **Table 2-5** below.

Table 2-5. Maximum BenMAP-Estimated Annual Mean Ozone Health Effects of the Project Emissions in a Single 4 km x 4 km Grid Cell¹	
Health Endpoint²	Potential Incidences (Annual, Mean)
Hospital Admissions, All Respiratory [65-99]	0.0050
Mortality, Non-Accidental [0-99]	0.0029
Emergency Room Visits, Asthma [0-17]	0.034
Emergency Room Visits, Asthma [18-99]	0.037
¹ Health effects are shown in terms of incidences of each health endpoint.	
² Affected age ranges are shown in square brackets.	

The BenMAP-estimated percent of background health incidence associated with the Project emissions are presented in **Table 2-6**. These values represent a conservative estimation of health effects.

The estimated increases in those health effect incidences are quite minor compared to the background health incidence (shown in **Table 2-6** as Percent of Background Health Incidence). The results show that all ozone health effects were raised above the background health incidence levels at less than 0.0045% of the total.

Table 2-6. BenMAP-Estimated Annual Mean Ozone Health Effects of the Project Emissions Across the Southern California Model Domain¹		
Health Endpoint²	Annual Percent of Background Health Incidence (%)	Background Health Incidence (Annual)
Hospital Admissions, All Respiratory [65-99]	0.00025%	135,774
Mortality, Non-Accidental [0-99]	0.00011%	164,042
Emergency Room Visits, Asthma [0-17]	0.0044%	46,772
Emergency Room Visits, Asthma [18-99]	0.0033%	71,146
¹ Health effects are shown in terms of a comparison of each health endpoint to the base (2024 base year health effect incidences, or "background health incidence") values. Health effects and background health incidences are across the Southern California model domain.		
² Affected age ranges are shown in square brackets.		

3. CONCLUSION

The PM_{2.5} and ozone concentration changes modeled by CAMx for Project emissions were converted to health effects on various health endpoints including premature mortality, hospitalizations, and emergency room visits, using the BenMAP health effects assessment model and health endpoints typically used in past USEPA regulatory assessments. Estimated changes in the health effect incidences are presented across the grids in the 624-km x 408-km Southern California model domain. Across the board, the estimated increases in those health effect incidences are quite minor compared to the background health incidence values, with the largest increase above background health incidence levels at less than 0.0045%. When taken into context, the small increase in incidences and the very small percent of the number of background incidences indicate that these health effects are minimal in a developed, urban environment.

Uncertainty

The approach and methodology of this analysis ensures that the uncertainty is of a conservative nature. In addition to the conservative assumptions built into the emissions noted above, there are a number of assumptions built into the application of C-R functions in BenMAP that may lead to an overestimation of health effects. For example, for all-cause mortality health effects from PM_{2.5}, these estimates are based on a single epidemiological study that found an association between PM_{2.5} concentrations and mortality.⁶ While similar studies suggest that such an association exists, there remains uncertainty regarding a clear causal link. This uncertainty stems from the limitations of epidemiological studies, such as inadequate exposure estimates and the inability to control for many factors that could explain the association between PM_{2.5} and mortality such as lifestyle factors like smoking. Several reviews have evaluated the scientific evidence of health effects from specific particulate components (e.g., Rohr and Wyzga 2012; Lippmann and Chen, 2009; Kelly and Fussell, 2007). These reviews indicate that the evidence is strongest for combustion-derived components of PM including elemental carbon (EC), organic carbon (OC) and various metals (e.g., nickel and vanadium), however, there is still no definitive data that points to any particular component of PM as being more toxic than other components. The USEPA has also stated that results from various studies have shown the importance of considering particle size, composition, and particle source in determining the health effects of PM (USEPA, 2009). Further, the USEPA (2009) found that studies have reported that particles from industrial sources and from coal combustion appear to be the most significant contributors to PM-related mortality, consistent with the findings by Rohr and Wyzga (2012) and others. This is particularly important to note here, as the majority of PM emissions generated from the Project are from entrained roadway dust, breakwear, and tirewear (see Appendix A), and not from combustion. Therefore, because they do not consider the relative toxicity of PM components, the results presented here are conservative.

Air pollution epidemiology studies are ecological studies. This means that they are population-based, observational epidemiological studies that look for patterns between population exposure and population disease rates. They do not use data at the individual level (e.g., correlations between regional mortality rates and community air pollution levels). Epidemiologists generally consider relative risks (RRs, a measure of the association between exposures and health effects) from these types of studies that are greater than 3 to 4 to reflect strong associations and to be supportive of a

⁶ For PM_{2.5} mortality estimates, BenMAP relies on the study by Krewski et al. (2009). This study conducted multiple sensitivity analyses using different statistical model specifications. For all-cause mortality, the authors reported positive associations between exposures to PM_{2.5} and all-cause mortality that ranged from a 3% to a 6% increase in mortality per increase in 10 ug/m³ of PM_{2.5}, depending on the model used and the exposure data considered. The default USEPA value in BenMAP is the 6% increase or double the low end of the range.

causal link, while smaller RRs (1.5 to 3) are considered to be weak, and require other lines of evidence (e.g., toxicological evidence, plausible biological mechanism) to demonstrate causality (Taubes 1995). For example, the RR of lung cancer for heavy smokers is in the range of 10 to 20, whereas PM associations with mortality yield RRs in the range of 1.01 to 1.05, i.e., very close to the $RR = 1.0$, which indicates little to no association.

Aside from the uncertainty as to the causal basis of the statistical associations in air pollution epidemiology studies of PM and mortality, some epidemiological studies have found no correlation between mortality and increased PM (Enstrom, 2005; 2017; Lipfert et al., 2000; Murray and Nelson, 2000; Greven et al., 2011; You et al., 2018; Zhou et al., 2015). Although there are a greater number of publications reporting a positive PM association for mortality compared to those reporting no association.

Another uncertainty highlighted by the USEPA (2012) that applies to potential health effects from both $PM_{2.5}$ and ozone, is the assumption of a log-linear response between exposure and health effects, without consideration for a threshold below which effects may not be measurable. The issue of a threshold for $PM_{2.5}$ and ozone is highly debatable and can have significant implications for health effects analyses as it requires consideration of current air pollution levels and calculating effects only for areas that exceed threshold levels. Without consideration of a threshold, any incremental contribution to existing ambient air pollution levels, whether below or above the applicable threshold for a given criteria pollutant, is assumed to adversely affect health. Although the USEPA traditionally does not consider thresholds in its cost-benefit analyses, the NAAQS itself is a health-based threshold level that the USEPA has developed based on evaluating the most current evidence of health effects.

As noted above, the health effects estimation using this method presumes that effects seen at large concentration differences can be linearly scaled down to (i.e., correspond to) small increases in concentration, with no consideration of potential thresholds below which health effects may not occur. This methodology of linearly scaling health effects is broadly accepted for use in regulatory evaluations and is considered as being health protective (USEPA, 2010), but potentially overstates the potential effects at the project level. In summary, health effects presented in this report are conservatively estimated, and the actual effects may be zero.

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