FINAL

ENVIRONMENTAL IMPACT REPORT

FOR THE

DOWNTOWN CORE PROJECT

(SCH: 2022110624)

JULY 2023

Prepared for:

City of Fontana
Planning Department
8353 Sierra Avenue
Fontana, CA 92335

Prepared by:

De Novo Planning Group
180 East Main Street, Suite 108
Tustin, CA 92780

D e N o v o P l a n n i n g G r o u p

A Land Use Planning, Design, and Environmental Firm

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Prepared for:

City of Fontana
Planning Department
8353 Sierra Avenue
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arico@fontana.org
909-350-6558

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1.0 INTRODUCTION

This Final Environmental Impact Report (FEIR) was prepared in accordance with the California Environmental Quality Act (CEQA) and the State CEQA Guidelines (Section 15132). The City of Fontana is the lead agency for the environmental review of the Downtown Core Project (Project) and has the principal responsibility for approving the Project. This FEIR assesses the expected environmental impacts resulting from approval and adoption of the Downtown Core Project and responds to comments received on the Draft EIR.

The City is proposing to create a new focused area in the Downtown Core (Project Area) by creating and implementing a new General Plan land use category and six new Form-Based Code (FBC) districts specific to the Project Area. The Project would involve amending General Plan Chapter 9, Community Mobility and Circulation, including Exhibit 9.2, Hierarchy of Streets in Fontana, Chapter 14, Downtown Area Plan, and Chapter 15, Land Use, Zoning, and Urban Design, including establishing a new General Plan land use category, amending the General Plan Land Use Map to apply the new land use category, and amending the Zoning and Development Code, including the Zoning District Map. The proposed Project, would in part, provide increased residential development opportunities, consistent with the goals of the SB 2 Planning Grant received by the City.

Refer to Section 3.0, *Project Description*, of the Draft EIR for a more comprehensive description of the details of the proposed Project.

1.1 PURPOSE AND INTENDED USES OF THE EIR

CEQA REQUIREMENTS FOR A FINAL EIR

This FEIR for the Downtown Core Project has been prepared in accordance with the California Environmental Quality Act (CEQA) and State CEQA Guidelines. State CEQA Guidelines Section 15132 requires that a FEIR consist of the following:

- the Draft Environmental Impact Report (Draft EIR) or a revision of the draft;
- comments and recommendations received on the Draft EIR, either verbatim or in summary;
- a list of persons, organizations, and public agencies commenting on the Draft EIR;
- the responses of the lead agency to significant environmental concerns raised in the review and consultation process; and
- any other information added by the lead agency.

In accordance with State CEQA Guidelines Section 15132(a), the Draft EIR is incorporated by reference into this Final EIR.

An EIR must disclose the expected environmental impacts, including impacts that cannot be avoided, growth-inducing effects, impacts found not to be significant, and significant cumulative impacts, as well as identify mitigation measures and alternatives to the proposed project that could reduce or avoid its adverse environmental impacts. CEQA requires government agencies to consider and, where feasible,

minimize environmental impacts of proposed projects, and obligates them to balance a variety of public objectives, including economic, environmental, and social factors.

PURPOSE AND USE

The City of Fontana, as the lead agency, has prepared this EIR to provide the public and responsible and trustee agencies with an objective analysis of the potential environmental impacts resulting from adoption of the Downtown Core Project and subsequent implementation of projects consistent with the Downtown Core Project. The environmental review process enables interested parties to evaluate the proposed Project in terms of its environmental consequences, to examine and recommend methods to eliminate or reduce potential adverse impacts, and to consider a reasonable range of alternatives to the project. While CEQA requires that consideration be given to avoiding adverse environmental effects, the lead agency must balance adverse environmental effects against other public objectives, including the economic and social benefits of a project, in determining whether a project should be approved.

This EIR will be used as the primary environmental document to evaluate all subsequent planning and permitting actions associated with the Downtown Core Project. This EIR may also be used by other agencies within San Bernardino County. Responsible and trustee agencies that may use the EIR are identified in Section 2.0, Introduction and Purpose, of the Draft EIR.

1.2 ENVIRONMENTAL REVIEW PROCESS

The review and certification process for the EIR has involved, or will involve, the following general procedural steps:

NOTICE OF PREPARATION

The City of Fontana circulated a Notice of Preparation (NOP) of an EIR for the Project on November 30, 2022 to trustee and responsible agencies, the State Clearinghouse, and the public. A scoping meeting was held on December 14, 2022 utilizing teleconferencing and electronic means consistent with State Executive Order N-29-20. No public or agency comments specifically related to the EIR analysis were submitted during the scoping meeting. However, during the 30-day public review period for the NOP, which ended on January 6, 2023, four (4) written comment letters were received on the NOP. The NOP is provided as Appendix A, *Notice of Preparation*, and the NOP comment letters are provided as Appendix B, *Notice of Preparation Comment Letters*, of the Draft EIR.

NOTICE OF AVAILABILITY AND DRAFT EIR

The City of Fontana published a public Notice of Availability (NOA) for the Draft EIR on May 10, 2023, inviting comment from the general public, agencies, organizations, and other interested parties. The NOA was filed with the State Clearinghouse (SCH# 2022110624) and was published in the Fontana Herald News pursuant to the public noticing requirements of CEQA. The Draft EIR was available for public review from May 10, 2023 through June 26, 2023.

The Draft EIR contains a description of the Project, description of the environmental setting, identification of the Project's direct and indirect impacts on the environment, and General Plan policies and actions and General Plan EIR mitigation measures to reduce impacts to the extent feasible, as well as an analysis of

Project alternatives, identification of significant irreversible environmental changes, growth-inducing impacts, and cumulative impacts. This Draft EIR identifies issues determined to have no impact or a less than significant impact, and provides detailed analysis of potentially significant and significant impacts. Comments received in response to the NOP were considered in preparing the analysis in this EIR.

RESPONSE TO COMMENTS/FINAL EIR

The City of Fontana received three (3) comment letters regarding the Draft Downtown Core Project and Draft EIR from public agencies, organizations, and members of the public during the 45-day review period.

In accordance with CEQA Guidelines Section 15088, this Final EIR responds to the written comments received on the Draft EIR. The Final EIR also contains minor edits to the Draft EIR, which are included in Section 3.0, Errata. This document and the Draft EIR, as amended herein, constitute the Final EIR.

CERTIFICATION OF THE EIR/PROJECT CONSIDERATION

The Fontana City Council will review and consider the Final EIR. If the City Council finds that the Final EIR is "adequate and complete," then it may certify it in accordance with CEQA. The rule of adequacy generally holds that an EIR can be certified if:

1) The EIR shows a good faith effort at full disclosure of environmental information; and

2) The EIR provides sufficient analysis to allow decisions to be made regarding the proposed project in contemplation of environmental considerations.

Upon review and consideration of the Final EIR, the Fontana City Council may take action to approve, revise, or reject the Project. A decision to approve the Downtown Core Project, for which this EIR identifies significant environmental effects, must be accompanied by written findings in accordance with State CEQA Guidelines Sections 15091 and 15093.

Policies and actions to mitigate potential environmental impacts have been incorporated into the Project, to the extent feasible. No additional mitigation is feasible or available, as described in Sections 5.1 through 6.0 of the Draft EIR.

1.3 ORGANIZATION OF THE FINAL EIR

This Final EIR has been prepared consistent with Section 15132 of the State CEQA Guidelines, which identifies the content requirements for Final EIRs. This Final EIR is organized in the following manner:

SECTION 1.0 – INTRODUCTION

Section 1.0 briefly describes the purpose of the environmental evaluation, identifies the lead agency, summarizes the process associated with preparation and certification of an EIR, and identifies the content requirements and organization of the Final EIR.

SECTION 2.0 – COMMENTS ON DRAFT EIR AND RESPONSES

Section 2.0 provides a list of commenters, copies of written comments made on the Draft EIR (coded for reference), and responses to those written comments.

SECTION 3.0 – ERRATA

Section 3.0 consists of minor revisions to the Draft EIR in response to comments on the Draft EIR. The revisions to the Draft EIR do not change the intent or content of the analysis or mitigation.

2.0 COMMENTS ON DRAFT EIR AND RESPONSES

2.1 INTRODUCTION

In accordance with the California Environmental Quality Act (CEQA) Guidelines, Section 15088, the City of Fontana, as the lead agency, has evaluated the comments received on the Public Review Draft Downtown Core Project (Draft EIR) (State Clearinghouse No. 2022110624).

CEQA Guidelines Section 15088.5 states that: *New information added to an EIR is not "significant" unless the EIR is changed in a way that deprives the public of a meaningful opportunity to comment upon a substantial adverse environmental effect of the project or a feasible way to mitigate or avoid such an effect (including a feasible project alternative) that the project's proponents have declined to implement.*

Sections 2.0 and 3.0 of this Final EIR include information that has been added to the EIR since the close of the public review period in the form of responses to comments and/or errata.

2.2 LIST OF COMMENTERS

Table 2-1, *List of Commenters*, lists the comments on the Draft EIR that were submitted to the City during the 45-day public review period. The assigned comment letter, letter author, affiliation, if presented in the comment letter or if representing a public agency, and letter date are also listed.

Table 2-1
List of Commenters

Response Letter	Individual or Signatory	Affiliation	Date
A	Jim and Sharon Munro	Resident	5/28/2023
B	Nancy Sansonetti, AICP	San Bernardino County Department of Public Works	5/31/2023
C	Sam Wang	South Coast Air Quality Management District	6/23/2023

2.3 COMMENTS AND RESPONSES

REQUIREMENTS FOR RESPONDING TO COMMENTS ON A DRAFT EIR

CEQA Guidelines Section 15088 requires that lead agencies evaluate and respond to all comments on the Draft EIR that regard an environmental issue. The written response must address the significant environmental issue raised and be detailed, especially when specific comments or suggestions (e.g., additional mitigation measures) are not accepted. In addition, the written response must be a good faith and reasoned analysis. However, lead agencies only need to respond to significant environmental issues associated with the project and do not need to provide all the information requested by the commenter, as long as a good faith effort at full disclosure is made in the EIR (CEQA Guidelines Section 15204(a)).

CEQA Guidelines Section 15204 recommends that commenters provide detailed comments that focus on the sufficiency of the Draft EIR in identifying and analyzing the possible environmental impacts of the

project and ways to avoid or mitigate the significant effects of the project, and that commenters provide evidence supporting their comments. Pursuant to CEQA Guidelines Section 15064, an effect shall not be considered significant in the absence of substantial evidence.

CEQA Guidelines Section 15088 also recommends that revisions to the Draft EIR be noted as a revision in the Draft EIR or as a separate section of the Final EIR. Section 3.0 of this Final EIR identifies all revisions to the Downtown Core Project Draft EIR.

RESPONSES TO COMMENT LETTERS

Written comments on the Draft EIR are reproduced on the following pages, along with responses to those comments. To assist in referencing comments and responses, the following coding system is used:

a) Each comment letter is lettered (i.e., Letter A), each comment within each letter is numbered (i.e., A-1, A-2, etc.), and each response is numbered correspondingly (i.e., A-1, A-2, etc.).

If changes to the Draft EIR text result from the response to comments, those changes are included in the response and identified with revisions marks (<u>underline</u> for new text, ~~strike out~~ for deleted text).

Comment Letter A

Dear Mr. Alejandro Rico, ET AL. May 28,2023

I wish to take an opportunity to address a comment with regards to the City of Fontana Downtown Core Project ..

Our home is within the Neighborhood Core on Bennett Ave. South of the Senior Community Center on Ceres. These homes ,in this area ,have been in previous discussions over the past decade with the Council and Planning Dept, and most recently Zai Abu Bakar, albeit a few years ago. So many different Planners and Departments have been involved I wanted to acquaint you. **A-1**

With the changing face of Fontana, I would hate to see some of the character that was part of the foundation of the City disappear or not be recognized.. **A-2**

Zai Abu Baker wrote to me re: the possibility of making this a Historic Neighborhood. I wonder if any of this has been considered in the new Core Project. *(email attached)*

This neighborhood was built by Henry Kaiser during the war to bring workers from all over the United States and beyond into Fontana to manage and work in the steel mill. Kaiser had received a waiver for construction materials when they were not made available nationwide because of WW II.

Our family bought, and are still living in one of these homes since they were built in 1943/44, several notable citizens who lived on this street contributed to the shape of Fontana. **A-3**

I am attaching anecdotal information about some of these people who contributed to the city during that era and lived on just 1 block of these well built, amazingly well designed Kaiser Neighborhood homes (that in 1943 had built in washing machines and ironing boards in the kitchens, incinerators in the backyard and Victory Garden. Henry Kaiser insisted that his workers had access to fresh fruit and vegetables that were grown in these very gardens. I am also attaching a mortgage book which each employee paid to Kaiser at the work site, Kaiser was the first to start small down payment programs for these homes built for his employees.

****

Jim & Sharon Munro

With regards to other comments on Downtown Core Project

1. Juniper is used by many first responders heading south of Foothill, will extra residential building in these Neighborhood Core homes cause too much impact in an already busy thoroughfare? **A-4**

2. These small side streets ,of these same homes , were built when there was only one car families. At the moment there is not enough parking on the street or driveway and people are often forced to park on lawns. Is there any information as to how will extra residences on the properties impact this? **A-5**

3. Lastly, the report points out air quality could be impacted. I suffer from age onset asthma, with the Senior Center on Ceres as well as all the Senior apartments on Sierra so do many others, is there any information on how will we be impacted? **A-6**

We attended many of the sessions that the Public was invited to regarding the downtown project. We are excited to see what will happen.

Look forward to hearing from you.

Jim and Sherri Munro
8856 Bennett Ave
Fontana, CA. 92335
sherri_anne@juno.com

Jim Munro

Attachments:
Anecdotal neighborhood info
Kaiser Mort book
Herald story on Kaiser homes
Bakar email

ZAI ABU BAKAR EMAIL RE HISTORIC PRESERVATION

RE: New Rezoning General Plan

« Back to Me

Full He

From: Zai AbuBakar <ZAbuBakar@for View Contact | Invite Sender | Block Sender

To: "sherri_anne@juno.com" <sherri_anne@juno.com>

Cc: Debbie Brazill <dbrazill@fontana.org>, Dawn Rowe <drowe@fontana.org>

Sent: Tue, Sep 04, 2018 02:16 PM

Download All | Proposed GP.pdf (7.4MB); Public Outreach.pdf (282KB)

Dear Mr. & Mrs. Munro,

Based on the new General Plan, your neighborhood that is bounded between Nuevo Avenue (both sides of Nuevo), Merrill Avenue, Cypress Avenue , and Ceres Avenue will be left intact as single-family neighborhood. A draft copy of the new General Plan map is attached.

The new General Plan encourages historic preservation by working together with the Historical Society to apply for grants funding and petition the City Council to create a historic neighborhood. Your e-mail referenced the cities of Claremont and Redlands preserving their downtown area and not having multi-family development. Downtown Claremont has multi-family development located on the south side of their train station and around their Packing House in the Downtown Area. Redlands also started to build multi-family development not too far from their Downtown. Their new General Plan encourages and directs new development in the core areas of the city, emphasizing multifamily housing near transit, around the three new train stations that will come online in early 2021. Of 4,355 projected new housing units in Redlands over the next 20 years, approximately 26% (or 1,148 units mostly multifamily) could be expected in the Transit Villages areas.

1. HISTORICAL IMPACT: ***Henry Kaiser's Third Fontana Corporation***.

Kaiser was approached by the US Government in conjunction with the British to build more ships, Fontana was chosen for the site to provide the materials. He recruited workers from around the nation. However, he had to provide homes for them.

Because of World War II, and need for materials, there was no further building permitted nationwide. However, Henry Kaiser received an exemption from the U.S. Government to build homes in Fontana in 1942 before the war ended.

Henry Kaiser was known for also building one the first housing tracts constructed in California and creating inventative ways for the workers to be able to buy a new home. After the War, Kaiser used the now available building materials, to build several Post War tracts around California , homes often called Kaiser Communities.

But other than the wartime housing constructed for the steel workers , there had not had any housing tracts in Southern California until after the war. These Kaiser homes in Fontana, were almost experimental in nature. Henry Kaiser, working with the government, made mortgages easier to obtain, started the small down payment programs, were homes of efficient, economical design but still good quality materials. Not as the homes built after the war became known for the "Ticky Tacky" construction of Post War mass produced housing.

Henry Kaiser built and advertised these homes to his workers through the company's Newsletter . There were 4 styles of 2 and 3 bedroom homes in Fontana that required a small down payment, and were smaller and less expensive but were very well constructed. (*See attached: 1. Fontana Herald News –Old Kaiser Newsletters Give Information on Fontana - 2. Photos of Kaiser Homes on Bennett Ave. 3. Purchase agreements (3) between Third Fontana Corp and George and Janet Munro dated 1944 for one of the Kaiser Homes on Bennett Ave)*

My father was one of those workers, a crane operator from Iowa, on Bennett Avenue, where I moved into when I was 6 months old , 79 years ago . My wife and I now live there after my mother passed away. My Uncle Walter Munro, a pipe fitter, lived around the corner in one of the Kaiser homes.

Because Henry Kaiser recruited from all corners, there was melting pot of families.

- Although it we were in World War II , Henry Kaiser brought Bennet Ave. the Irish Caseys, a German family the Stottlemeyers and an Italian family who lived down on street. Those families shared their food and cultures in street parties with the rest of the street .
- Two doors down lived Mr. Rush , who aside from working at the mill, hybrid and raised the roses that were the stock first used at the Fontana train station .
- The Froheins (forgive my spelling), who also worked at Kaiser, but also had the bakery that was on Arrow and is now a parking lot for the Saturday Fontana

Market.

- Robert Greene, the Fontana Fire Captain, and after whom a Fontana Fire Station was named , lived on the street. He also restores and is responssible for much of the Fire Dept Musuem by the park.
- Richard Hesse, my uncle ,who was a landscaper ,and lived with us. He propagated and distributed free of charge, orange and lemon trees around the neighborhood and city, and Fontana following Henry Kaiser's edict and concern that there should be more fresh fruits and vegetables available for his workers to be healthy.
- These are people on just 1 street, 1 block long who had an abundance of families who not only helo shaoe the steel spine of Fontana but away from the mill helped shape Fontana

We understand that Fontana has been urged by the State to include more high density housing.

But the State of California has directives to its agencies on criteria for preserving homes and neighborhoods that are over 50 years old, as does the CQEA.

The Kaiser Third Fontana Corporation homes for the workers at Kaiser Steel meet that criteria. *(See attached: 1. CQEA Recognition of Historical Resources)*

We went to all of the downtown revitalization sessions, participated in them. Much of what has been suggested, small unit duplexes, businesses with living above them, etc. was suggested by the consultant brought in. by Fontana Planning Department. The same things he has also suggested in many other communities in the area. Monrovia is in the process of doing this now. However, we urge you not to forget the character and history of our community.

Sincerely yours,

James and Sharon Munro

8856 Bennett Ave (formerly 446 Bennett when first built in 1943)

Fontana, CA 92335

HISTORICALLY SIGNIFICANT AREA

Historical resources are recognized as part of the environment under CEQA. It defines historical resources as "any object, building, structure, site, area, or place, which is historically significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California"
(Division I, Public Resources Code, Section
5021.1(b)).

Generally, a resource shall be considered by the lead agency to be "historically significant" if theresource meets the criteria for listing on the California Register of Historical
Resources (Pub. Res. Code SS5024.1, Title 14 CCR, Section 4852) consisting of the following:

1. It is associated with events that have made a significant contribution to the broad patterns of
local or regional history, or the cultural heritage of California or the United States; or

ARTICLE FROM FONTANA HERALD NEWS ABOUT KAISER WARTIME BUILT HOUSES FOR FONTANA

Old Kaiser Steel Newsletters Give Information about Fontana

- By JOHN ANICIC JR. and CHARLES DALL
- Jan 28, 2010

This is the second article for the Herald News from the Kaiser Steel-Fontana Museum. The information is from historic Kaiser newsletters made in 1943:

THE Blast Furnace was finished and buildings were going up all around it. Now, the workers were coming from all over the East Coast to Fontana, but living quarters were at a minimum. The trailer parks were taking them for a short time, but permanent homes and apartments were needed in an agricultural community not ready for the population growth.

So something had to be done to help solve the problem. The federal government made money and materials available, even though the war was using all building materials. You were not allowed to build anything because of the war.

There were two sections of downtown Fontana that had only dirt and open land available. The first was between Wheeler and Mango, and Arrow and Orange Way. The government started building homes in early 1943. The first group of homes was available on March 19, 1943.

"MANY KAISER FAMILIES MOVE INTO NEW HOMES"

Another large group of Kaiser families have purchased new homes in the Fontana Plaza federal housing project in Fontana, and have either already moved in or expect to by April 1. They are:

Arthur Thorpe, warehouse, 215 E. Newport
W.L. Sallee, warehouse, 195 S. Emerald
Ed Cliff, fireman, 105 S. Newport
David P. Ryan, guard, 185 S. NewportR.F. Williams, agriculture department, 104 S. Emerald
Ludwig Pearson, 115 S. Newport

8856
ENNETT AVE



194

KAISER HOMES

8864
3ENNETT AVE



8840
3ENNETT AVE



MORTGAGE LOAN
CORRESPONDENTS
THE UNION CENTRAL
LIFE INSURANCE CO.
OF CINCINNATI

REAL ESTATE
GENERAL INSURANCE

EDWIN A. TOMLIN & CO.
510 WEST SIXTH STREET
LOS ANGELES 14, CALIFORNIA
MUTUAL 3167

Mr.& Mrs. George S. Munro
446 Bennett
Fontana, California

Re: Third Fontana Corp.

Dear Mr. & Mrs. Munro:

We are glad to enclose executed contract for the purchase of the above captioned home, together with a liquidation schedule for your convenience in keeping a record of your payments. We send neither notices of payments due, nor monthly receipts for same, but will be glad to bring this liquidation schedule up-to-date every six months if you care to send it in.

The first payment on your contract is due September 1, 1944, in the amount of $ 60.00 These payments are due on the first of each month, and for our mutual benefit, we will appreciate your co-operation in seeing that they are promptly made. Your check or money order is to be made payable to Third Fontana Corp., and sent to Edwin A. Tomlin & Co., 510 W. 6th St., Los Angeles, 14, California, for which purpose we are enclosing a few self-addressed envelopes for your convenience in sending them in. We will be glad to furnish you more of these envelopes any time upon your request.

If you have any questions in regard to your purchase, or as to the insurance involved, we will be glad to have you call on us at any time.

Yours very truly,

Edwin A. Tomlin & Co.

EDWIN A. TOMLIN & CO.

Encls.
EAT: LS
August 23, 1944

THIRD FONTANA CORPORATION

LIQUIDATION SCHEDULE

Date .....

Purchaser KUMRO, GEORGE S. & JANET R. Loan No. .....

Address 446 Bennett, Fontana, California FHA No. .....

Lot 21 Block 61 Tract 2701

Sale Price $ 4650.00 Terms: $ 350.00 Down Balance $ 464.32

$ 60.00 Per Month

Sales Price $ 4650.00 Starting Sept. 1, 1944

Costs & Impounds:

FHA App. Fee & Cr. Rpt.	$		FHA Loan - Principal	$ 3935.68
Fire Insurance	.....		Contract - Principal	464.32
FHA Mtg. Insurance	.....		Down Payment	350.00
Taxes	.....	.....	Impounds Paid	86.00
Extras		86.00		
Total		$ 4736.00	Total	$ 4736.00

ALLOCATION OF MONTHLY PAYMENT

	Before	After
		7/1/44
FHA - Principal, Interest and Impounds -	$	$ 30.59
CONTRACT - Principal and Interest	.....	30.41

APPLICATION OF MO. PAYMENTS

				CONTRACT			F.H.A. LOAN	
Date Due	Date Paid	Total Due	Total Paid	Interest	Principal	Balance	Payment	Bal. Prin
Down Payt	8-1-44	350.00	350.00			464.32		3935.68
Impounds	8-1-44	86.00	86.00					
9-1-44			60.00					
10-1-44			60 —					
11-1-44	11-9-44		60.—					
12-1-44			60 —					
1-1-45			60 —					
2-1-45			60 —					
3-1-45			60 —					

Agreement

THIRD FONTANA CORPORATION

WITH

.....

DATED.....194...

Lot No.....

Block No.....

Tract No.

THIRD FONTANA CORPORATION

c/o EDWIN A. TOMLIN & CO.
Associated Realty Bldg.
510 West Sixth Street
Los Angeles 14, California
Telephone MUtual 3167

Covenants, conditions, restrictions, reservations, rights, rights of way and easements of record, if any,

Deed of Trust dated Nov. 1, 1943, executed by THIRD FONTANA CORPORATION, as Trustor, to Los Angeles Trust & Safe Deposit Co., a corporation, as Trustee, recorded in Book 1622, Page 401 of Official Records in the office of the County Recorder of said County, securing a Note in the original principal amount of $ 3950.00 payable to Security-First National Bank of Los Angeles or order; and having a present unpaid principal balance of $ 3935.68, which encumbrance and the indebtedness secured thereby, Buyer hereby assumes and agrees to pay in accordance with its terms, for the sum and purchase price of Four Thousand Six Hundred Fifty & no/100 Dollars ($ 4650.00) lawful money of the United States, which sum Buyer promises and agrees to pay to Seller at Seller's Office in the City of Los Angeles, California, or such other place as Seller may designate as follows:

(a) Two Hundred Fifty & no/100 Dollars ($ 250.00) cash, upon the execution of this Agreement, the receipt whereof is hereby acknowledged by Seller, and

Response to Comment Letter A

Jim and Sharon Munro
May 28, 2023

A-1 The introduction states that the resident's home is within the Project Area on Bennett Avenue and that homes in this neighborhood have been the topic of discussions in the past. The comment is introductory in nature and does not contain any information requiring changes to the Draft EIR. The comment is noted and no further response is warranted.

A-2 The comment states a desire for the character of the neighborhood to be preserved. The comment is acknowledged and will be provided to the Planning Commission and City Council, the decision-making bodies for this Project. The comment does not contain any information requiring changes to the Draft EIR. No further response is warranted.

A-3 The comment inquires whether the proposed Project considered designating the neighborhood, which was built by Henry Kaiser for workers during World War II, a Historic Neighborhood. The comment further describes the history of the neighborhood. The comment is noted; the comment does not challenge the adequacy of the Draft EIR and no further response is warranted. As described in the Draft EIR Section 5.4, *Cultural Resources*, future development associated with implementation of the Project would be required to implement General Plan EIR mitigation measure MM-CUL-1 (incorporated in the Draft EIR as Mitigation Measure CUL-1), which would ensure evaluation of a project site for historical resources and, if necessary, implement mitigation measures to reduce impacts to a level that is less than significant. The comment does not contain any information requiring changes to the Draft EIR. No further response is warranted.

A-4 The comment notes that Juniper is used by first responders and is a busy roadway and questions the impact that new residential uses would have on the roadway. General Plan Chapter 9, Community Mobility and Circulation, Exhibit 9.2, Hierarchy of Streets in Fontana, identifies Juniper Avenue as a Primary Highway with up to four lanes and up to 104-foot cross sections. Within the Project Area, Juniper Avenue is a north-south roadway with two travel lanes between Foothill Boulevard and Ceres Avenue and one travel lane between Ceres Avenue and Merrill Avenue. Juniper Avenue forms the western boundary of the Downtown Core Area. The Project does not propose any modifications to Juniper Avenue. The transportation analysis prepared for the Project demonstrates that average daily trips (ADT) along Juniper Avenue are 13,323 under existing conditions (Draft EIR Appendix E). Under both 2040 without the proposed Project and 2040 with proposed Project conditions, traffic volumes are forecast to increase to 16,097 ADT and 17,554 ADT, respectively. As a Primary Highway, Juniper Avenue has a capacity of 36,000 ADT. Although ADT would increase on Juniper Avenue with development anticipated by the Project, available capacity (approximately 51 percent) would remain. Thus, Project implementation would not significantly impact the ability for first responders to continue to utilize Juniper Avenue. It is also noted that within the area, the grid roadway configuration provides several options for vehicles, including first responders to access and travel through the area. Additionally, consistent with the Fontana General Plan, as development occurs within the Project Area and surrounding areas, the City would continue to monitor traffic operations to ensure that emergency response and access would not be significantly impeded. As discussed in Draft EIR Section 5.14,

Transportation, emergency access associated with future site-specific development would be analyzed and evaluated in detail through the City review process for those individual projects. Future development within the Downtown Core would be required to comply with applicable City codes and regulations pertaining to emergency response and evacuation plans maintained by the City police and fire departments. The City's emergency access standards would apply to all development proposed under the proposed Project. As part of the site review process, future development projects would be reviewed for adequate infrastructure and access as well as consistency with adopted emergency and evacuation plans in order to ensure adequate emergency access would be provided. The comment does not contain any information requiring changes to the Draft EIR. No further response is warranted.

A-5 The comment asks if the new residences in the Downtown Core will impact what the comments believes to be an existing shortage of parking on small side streets. Any inconvenience resulting from a parking shortage is a social impact, not an environmental impact. (*San Franciscans Upholding the Downtown Plan v . City & County of San Francisco* (2002) 102 Cal.App.4th 656, 697.) Further, the commenter has not submitted substantial evidence of any indirect environmental impacts relating to any potential parking shortage. As such, the comment does not contain any information requiring changes to the Draft EIR. No further response is warranted.

A-6 The comment asks for information regarding potential air quality impacts to senior residents in the Project Area and surrounding neighborhoods. Per the South Coast Air Quality Management District (SCAQMD), a sensitive receptor includes private homes, condominiums, apartments, and living quarters, schools, preschools, daycare centers and health facilities such as hospitals or retirement and nursing homes. As described in Section 5.2, *Air Quality*, in the Draft EIR, the nearest sensitive receptors to the Project Area are the residences and other sensitive receptors located within and adjacent to the Project Area. The Draft EIR concluded that, even with the implementation of mitigation measures, the proposed Project could result in significant concentrations of pollutants at nearby sensitive receptors. Implementation of the proposed Project as a whole is assumed to result in a significant and unavoidable impact concerning Local Significance Thresholds (LSTs) during operational activities.

As further described in Section 5.2, *Air Quality*, in the Draft EIR, the SCAQMD states that it has been able to correlate potential health outcomes for very large emissions sources – as part of their rulemaking activity, specifically 6,620 lbs./day of NO_X and 89,180 lbs./day of VOC were expected to result in health hazards and 89,947 school absences due to the O_3 generated by the mixing of NOx and VOCs. The proposed Project does not generate this level of NO_X or of VOC emissions. Rather, as shown in Table 5.2-8 of the Draft EIR, maximum daily NOx emissions would be 191.8 lbs/day, and maximum daily VOC (similar to ROG) emissions would be 432.8 lbs/day. Therefore, the emissions are not sufficiently high enough to use a regional modeling program to correlate health effects on a basin-wide level. Notwithstanding, the Draft EIR does evaluate full buildout of the proposed Project throughout the entire Planning Area through buildout year 2040, including evaluation of localized impacts to air quality for emissions of CO, NO_X, PM_{10}, and $PM_{2.5}$ by comparing the on-site emissions to the SCAQMD's applicable LST thresholds. As described previously, the proposed Project could exceed SCAQMD's LST thresholds for operation for PM_{10} and $PM_{2.5}$. However, it should be noted that individual projects to be developed within the Project

Area may be shown to have impacts that would be below the LST thresholds for operational impacts.

As discussed in the Draft EIR, while implementation of the Project as a whole is assumed to result in significant and unavoidable impacts concerning LSTs during operational activities, the cause of the emissions for PM_{10} and $PM_{2.5}$ that exceed the thresholds in the CalEEMod model are emissions from landscaping equipment. It should be noted that the CalEEMod model defaults were utilized for landscaping equipment and number of days of landscaping. However, the amount of landscaping within the Project Area is likely to be much lower than the default assumptions made by CalEEMod, since the assumptions are made based on the land use types selected for the model, and the Project Area is denser, and would therefore contain less area to be landscaped than typical land uses utilized within the modeling software (i.e. CalEEMod). Nevertheless, for the sake of a conservative analysis, the default landscaping equipment and timing assumptions were utilized in the CalEEMod modeling for this analysis.

Accordingly, the information requested in the comment is provided in the Draft EIR. The comment does not contain any information requiring changes to the Draft EIR. No further response is warranted.

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SAN BERNARDINO COUNTY

Department of Public Works

- Flood Control
- Operations
- Solid Waste Management
- Special Districts
- Surveyor
- Transportation

Brendon Biggs, M.S., P.E.
Director

Noel Castillo, P.E.
Assistant Director

David Doublet, M.S., P.E.
Assistant Director

Comment Letter B

Transmitted via E-mail

May 31, 2023

File: 10(ENV)-4.01

City of Fontana Planning Department
Attn: Alejandro Rico, Associate Planner
8353 Sierra Avenue
Fontana, CA 92335
arico@fontana.org

RE: CEQA – PUBLIC HEARING NOTICE AND NOTICE OF AVAILABILITY OF A DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE DOWNTOWN CORE PROJECT; SCH NO. 2022110624.

Dear Mr. Rico:

Thank you for allowing the San Bernardino County Department of Public Works the opportunity to comment on the above-referenced project. **We received this request on May 11, 2023** and pursuant to our review, the following comment is provided: **B-1**

Flood Control Planning Division (Michael Fam, PWE III, 909-387-8120):

1. We are aware there may be storm drains in and around the site that may be affected by the proposed Project. When planning for or altering existing or future storm drains, be advised that the Project is subject to the Fontan Master Plan of Drainage, dated June 1992. It is to be used as a guideline for drainage in the area and is available in the San Bernardino County Department of Public Works offices. Any revision to the drainage should be reviewed and approved by the jurisdictional agency (City, County). **B-2**

We respectfully request to be included on the circulation list for all project notices, public reviews, or public hearings. In closing, I would like to thank you again for allowing the San Bernardino County Department of Public Works the opportunity to comment on the above-referenced project. Should you have any questions or need additional clarification, please contact the individuals who provided the specific comment, as listed above. **B-3**

Sincerely,

Nancy Sansonetti

Nancy Sansonetti, AICP
Supervising Planner
Environmental Management Division

Response to Comment Letter B

Nancy Sansonetti, AICP, Supervising Planner, Environmental Management Division
San Bernardino County Department of Public Works
May 31, 2023

B-1 This introductory paragraph thanks the City for the opportunity to comment on the proposed Project. The comment is introductory in nature and does not contain any information requiring changes to the Draft EIR. The comment is noted and no further response is warranted.

B-2 The comment states that future development related to implementation of the proposed Project would be subject to the Fontana Master Plan of Drainage dated June 1992 and that any revision to the drainage should be reviewed and approved by the jurisdictional agency. Section 5.9, *Hydrology and Water Quality*, in the Draft EIR, describes that existing regulatory requirements that manage water quality include requirements to obtain approval from the RWQCB for NPDES permits, other discharge permits, WQMPs, SWPPPs, and to implement BMPs, which would apply to future development projects. Based on this comment, a description of the 1992 Fontana Master Storm Drainage Plan has been added as Errata revisions to the revised Section 5.9, *Hydrology and Water Quality*. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR.

B-3 The comment requests that the San Bernadino County Department of Public Works be notified for all Project notices. The comment does not contain any information requiring changes to the Draft EIR. No further response is warranted.

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL:
arico@fontana.org
Alejandro Rico, Associate Planner
City of Fontana
Planning Department
8353 Sierra Avenue
Fontana, CA 92335

June 23, 2023

Draft Environmental Impact Report (Draft EIR) for the Proposed City of Fontana Downtown Core Project (Proposed Project) (SCH No. 2022110624)

South Coast Air Quality Management District (South Coast AQMD) staff appreciates the opportunity to comment on the above-mentioned document. The City of Fontana (City) is the California Environmental Quality Act (CEQA) Lead Agency for the Proposed Project. The following comments include recommended revisions to the haul truck trips in the California Emissions Estimator Model (CalEEMod) Analysis, CEQA regional air quality impacts analysis for cleanup activities during construction, mitigation measures, cumulative impact analysis, health risk assessments, and CEQA air quality analyses for overlapping construction and operation activities that the Lead Agency should include in the Final EIR.

C-1

South Coast AQMD Staff's Summary of Project Information in the Draft EIR
Based on the Draft EIR, the Proposed Project consists of amendments to the City of Fontana's General Plan and Form-Based Code (FBC).[1] Such amendments will create a new General Plan land use category and six FBC districts to be applied to a portion of the City's downtown area.[2] The particular downtown area for which the amendments are proposed is referred to as the Downtown Core.[3] The Proposed Project, by serving as a regulatory document that will guide future development of the Proposed Project area, will aid in increasing the number of dwelling units (which is also intended to accommodate the City's share of statewide housing needs as allocated to it by the Southern California Association of Governments)[4] and supporting commercial developments.[5] The Proposed Project area encompasses approximately 478 acres of downtown Fontana in San Bernardino County and is bounded by Foothill Boulevard, Randall Avenue, Juniper Avenue, and Mango Avenue.[6] The Proposed Project area is located approximately two miles south of the I-210 freeway, five miles east of the I-215 freeway, and one mile north of the I-10 freeway. Construction is projected to commence in 2023 and end in

[1] Draft EIR. Executive Summary. Page 1-3.
[2] *Ibid*. Pages 1-3 through1-5.
[3] *Ibid*. Page 1-1.
[4] *Ibid*. Air Quality. Page 5.2-26
[5] *Ibid*. Executive Summary. Page 1-2.
[6] *Ibid*. Project Description. Page 3-1.

the buildout year of 2040.[7] During this period, the Proposed Project anticipates new development of up to 10,920 residential dwelling units and 3,992,868 square feet of commercial land uses.[8] At full buildout in year 2040, the Proposed Project is anticipated to result in approximately 1,403 additional truck trips per day and 103,765 automobile trips per day when compared to the base year.[9]

C-1

South Coast AQMD Staff's Comments

Underestimated Emissions from Hauling Truck Trips Associated with Various Construction Phases

The Draft EIR mentions that construction emissions would be generated in part by demolition, grading, and excavation activities, and the delivery and hauling of construction supplies and debris via trucks from the Proposed Project Area.[10] However, Table 5.5-2 of the Draft EIR identifies zero delivery and haul trips for construction, which is inconsistent with this narrative.[11] Additionally, the CalEEMod output files in Appendix C state that the soil grading activities are anticipated to balance on-site[12] and no truck trips for delivering and hauling supplies and debris are assumed for any of the construction phases in the CalEEMod estimates.[13] South Coast AQMD recommends that the Lead Agency estimate the quantities of soil that will be imported and/or exported from the Proposed Project site, determine the number of truck trips associated with the import and/or export activities during all phases of construction, and include the emissions from the aforementioned activities in the Final EIR. If the estimated emissions analysis from the truck trips during the various phases of construction is excluded from the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in record to explain why.

C-2

If the revised emissions analysis of construction air quality impacts requires a change in the significance determination for the Proposed Project, CEQA requires the application of all feasible mitigation measures which go beyond what is required by law be to minimize these impacts. Further, any impacts that may result from the application of mitigation measures must also be analyzed.

Contaminated Soil Information

Section 5.8 of the Draft EIR - Hazard and Hazardous Materials - states "*excavation and grading activities associated with future development could expose the public to unknown hazardous*

C-3

[7] Draft EIR. Air Quality. Page 5.2-29.
[8] *Ibid*. Executive Summary. Page 1-6.
[9] *Ibid*. Appendix A: Detailed VMT Impact Summary found within Appendix E: Transportation Analysis. Staff calculated additional daily trips by subtracting the 2016 Base Year Daily Vehicle Trip number from the 2040 With Project Daily Vehicle Trip number.
[10] *Ibid.* Air Quality. Page 5.2-27.
[11] *Ibid*. Energy. Page 5.5-11.
[12] *Ibid*. Appendix C: Air Quality, Energy and Greenhouse Gas Emissions Modeling Data. PDF Page 247 of 1062.
[13] *Ibid*. Appendix C: Air Quality, Energy and Greenhouse Gas Emissions Modeling Data. PDF Page 256 of 1062.

materials present in soil or groundwater, which would require remediation activities. Remediation, if any, would include potential transport of hazardous materials to an approved landfill facility."[14] Due to the proposed removal actions involving soil movement activities, the Proposed Project would be subjected to the requirements of South Coast AQMD Rule 1166 (Volatile Organic Compound Emissions from Decontamination of Soil)[15] and Rule 1466 (Control of Particulate Emissions from Soils with Toxic Air Contaminants).[16] These rules should be evaluated to determine applicability to the proposed soil movement activities.

Furthermore, South Coast AQMD staff recommends that the Lead Agency use good faith, best efforts to: 1) estimate the quantities of contaminated soils; 2) estimate the number of truck trips associated with the removal and hauling of contaminated soil; and 3) identify the hazardous landfill site location and the length of each haul truck trip. The Lead Agency should rely on this information to quantify emissions from removing and hauling contaminated soil and include those emissions in the Proposed Project's regional construction emissions profile to be compared to South Coast AQMD's regional air quality CEQA significance thresholds for construction to determine the level of significance. This information should be included in the Final EIR. Alternatively, if those emissions are excluded from the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why. Further, if soil removal and disposal measures have not been fully developed or approved prior to certification of the Final EIR, the Lead Agency should commit to evaluating the air quality impacts from soil removal and hauling activities through a CEQA process when such measures and/or site-specific contamination information becomes known but prior to allowing the commencement of any soil removal and hauling activities at the Proposed Project. **C-3**

Recommended Revisions to Air Quality Mitigation Measures (MM)

CEQA requires that all feasible mitigation measures that go beyond what is required by law be utilized to minimize or eliminate significant adverse impacts. The Proposed Project is a guiding regulatory document for the future development of the Downtown Core. The Draft EIR for the Proposed Project serves as the first-tier, programmatic level analysis that can provide guidance to subsequent, project-level environmental analyses. South Coast AQMD staff therefore recommends that the Lead Agency include the following revised mitigation measures in the Final EIR to further reduce emissions from construction and operation activities that may result from future implementation of the Proposed Project. **C-4**

Recommended revisions to Mitigation Measures for Construction

The current air quality analysis in the Draft EIR concludes that the Proposed Project's regional construction emissions for nitrogen oxides (NOx) would be significant before mitigation, and not

[14] Draft EIR. Hazards and Hazardous Materials. Page 5.8-15.
[15] South Coast AQMD Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil. Access at: http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1166.pdf.
[16] South Coast AQMD Rule 1146 – Control of Particulate Emissions from Soils with Toxic Air Contaminants. Access at: http://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1466.pdf.

significant after mitigation is applied.[17] The Greenhouse Gas (GHG) Emissions analysis section of the Draft EIR concludes that the construction GHG Emissions for the Proposed Project is 13,362.2 metric tons of carbon dioxide equivalent per year ($MTCO_2e$/year), which exceeds the South Coast AQMD Air Quality Significance Threshold for GHG emissions of 10,000 $MTCO_2e$/year.[18] Even with the mitigation measures that the Lead Agency proposes, GHG mitigation measures GHG-1 through GHG-3 and air quality (AQ) mitigation measures AQ-1 through AQ-23, it is anticipated that the construction GHG threshold will still be exceeded.[19] Given that the Proposed Project is meant to guide development through at least year 2040, South Coast AQMD staff recommends that the Lead Agency consider revising its mitigation measures in the Final EIR to further reduce the Proposed Project's air quality and significant and unavoidable GHG impacts during construction.

- MM AQ-2 states that as a condition of the Grading Permit issuance, the use of 2010 and newer diesel haul trucks (e.g., material delivery trucks and soil import/export) will be required.[20] It further states that "*If the lead agency determines that 2010 model year or newer diesel trucks cannot be obtained the lead agency shall use trucks that meet EPA 2007 model year NOx and PM emissions requirement."*[21] South Coast AQMD staff recommends that the Lead Agency revise MM AQ-2 to require trucks entering or on the Proposed Project site to use model year 2014 or newer haul trucks instead of 2010, and include this revision in the Final EIR. Additionally, all heavy-duty haul trucks should meet CARB's lowest optional low oxides of nitrogen (NOx) standard.[22]

- MM AQ-2 also states that *"…off-road diesel construction equipment rated at 150 horsepower (hp) or greater, complies with Environmental Protection Agency (EPA)/California Air Resources Board (CARB) Tier 4 off-road emissions standards or equivalent…"*[23] Given that the Proposed Project is meant to guide development through at least year 2040, it is reasonably foreseeable that Tier 4 might not be the cleanest technology when construction occurs later during the approximately 17 year time span of the Proposed Project's planned construction period. One of CARB's strategies for reducing emissions from off-road construction equipment aims to start implementing off-road Tier 5 in 2027/2028.[24] Furthermore, the Governor Newsom's Executive Order in September 2020 (N-79-20) requires CARB to develop and propose a full transition to Zero Emissions (ZE) off-road equipment by 2035, where feasible.[25] South Coast AQMD staff therefore recommends

C-4

[17] *Ibid*. Air Quality. Pages 5.2-27 through 5.2-29.
[18] *Ibid*. Greenhouse Gas Emissions. Page 5.7-22 & 5.7-33.
[19] *Ibid*. Executive Summary & Greenhouse Gas Emissions. Page 1-11 through 1-23 & 5.7-23.
[20] *Ibid*. Air Quality. Page 5.2-32.
[21] *Ibid*. Air Quality. Page 5.2-32.
[22] CARB's optional low-NOx emission standard can be found at: https://ww2.arb.ca.gov/our-work/programs/optional-reduced-nox-standards
[23] Draft EIR. Air Quality. Page 5.2-32.
[24] Presentation accessed at: http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2022-air-quality-management-plan/combined-construction-carb-amp-aqmp-presentations-01-27-21.pdf
[25] Presentation accessed at: http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2022-air-quality-management-plan/combined-construction-carb-amp-aqmp-presentations-01-27-21.pdf

that the Lead Agency revise the air quality analysis section in the Draft EIR to include a mitigation measure that commits it to using the cleanest technology for construction during future development projects, if available and feasible, and include the revisions in the Final EIR.

- MM AQ-8 states that "*Future individual projects within the Project Area shall be required to use electric or alternative fueled construction equipment where technically feasible and/or commercially available, where the electric or alternatively fueled equipment can perform adequately when compared to gasoline or diesel fueled equipment."*[26] MM AQ-8 will only be implemented by the Lead Agency when such construction equipment is "*technically feasible and/or commercially available*" Clean construction equipment will become increasingly more feasible and commercially available as technology advances. If using zero emission (ZE) or near zero emission (NZE) technologies is not feasible today, it could become feasible in a reasonable period during the Proposed Project's construction schedule which was analyzed to begin in 2023 and end in 2040. [CEQA Guidelines Section 15364]. **C-4**

  South Coast AQMD staff therefore recommends that the Lead Agency, in the Final EIR, provide additional information on how "*technically feasible and/or commercially available*" will be defined and determined. This recommended information would establish a clear set of standards and criteria for assessing the technological, commercial, and economic availability and feasibility of using cleaner construction equipment, provide public transparency in the Lead Agency's decision-making regarding cleaner construction equipment, demonstrate a commitment by the Lead Agency to using cleaner construction equipment, ensure implementation when they are available, strengthen the Proposed Project's air quality commitments, and facilitate the purpose and goal of CEQA on public disclosure.

If these recommended revisions are excluded from the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why.

Recommended Revisions to Mitigation Measures for Operation

The air quality analysis in the Draft EIR concludes that the Proposed Project's regional operational emissions for reactive organic gases (ROG), NOx, carbon monoxide (CO), coarse particulate matter (PM10) and fine particulate matter (PM2.5) would be significant before and after mitigation.[27] The GHG emissions analysis section of the Draft EIR concludes that the operational GHG Emissions for the Proposed Project is 54,184.4 $MTCO_2e$ tons/year, which exceeds the South Coast AQMD Air Quality Significance Threshold for GHG emissions of 10,000 $MTCO_2e$ tons/year.[28] Even with the direct GHG reductions that mitigation measures GHG-1 through GHG-3 may achieve combined with indirect GHG reductions that may result **C-5**

[26] Draft EIR. Air Quality. Page 5.2-34.
[27] *Ibid*. Air Quality. Page 5.2-30.
[28] *Ibid*. Greenhouse Gas Emissions. Page 5.7-22. & 5.7-33.

from the application of air quality mitigation measures AQ-1 through AQ-23, the operational GHG emissions will continue to exceed the GHG significance threshold.[29]

As stated in the air quality section of the Draft EIR, the majority of the Proposed Project's NOx, CO, SOx and PM2.5 operational emissions come from mobile sources.[30] At full buildout in year 2040, the Proposed Project is anticipated to result in approximately 1,403 additional truck trips per day and 103,765 automobile trips per day when compared to the base year.[31] Given that the Proposed Project is meant to guide development through at least year 2040, South Coast AQMD staff recommends that the Lead Agency consider revising its mitigation measures in the Final EIR to further reduce the Proposed Project's significant and unavoidable air quality and GHG impacts during operation.

- MM AQ-12 states that "*If trucks older than 2007 model year would be used at the project site, the developer/successor-in-interest shall encourage tenants, through contract specifications, to apply in good-faith funding for diesel truck replacements/retrofit through grant programs such as the Carl Moyer, Prop 18…..*"[32] Similar to MM AQ-2, South Coast AQMD staff recommends that the Lead Agency revise MM AQ-12 so that tenants that use trucks older than *2014* model year are encouraged by the developer/successor-in-interest to apply in good-faith for funding for diesel truck replacements.

- MM AQ-12 also states that *"… the developer/successor-in interest shall provide building occupants and businesses with information related to the Southern California Air Quality Management District's (SCAQMD) Carl Moyer Program or other state programs that restrict operations to "clean" trucks…*"[33] South Coast AQMD staff recommends that the Lead Agency revise MM AQ-12 to include the incentive and programs found on the South Coast AQMD's "Incentives & Programs" webpage, http://www.aqmd.gov/home/programs. South Coast AQMD offers a broad range of programs for businesses, the community, and local government that help to achieve cleaner air quality for all. Many of these programs offer financial incentives for implementing new clean air technologies. Some provide partnerships and new ways of addressing air quality issues throughout the South Coast Basin.

- The Lead Agency should require the use of ZE or NZE heavy-duty trucks by future development projects during operation such as trucks with natural gas engines that meet CARB's adopted optional NOx emission standard of 0.02 grams per brake horsepower-hour (g/bhp-hr), when feasible. Given California's clean truck rules and regulations aiming to accelerate the utilization and market penetration of ZE and NZE trucks, such as the

C-5

[29] *Ibid*. Executive Summary & Greenhouse Gas Emissions. Pages 1-11 through 1-23 & Page 5.7-23
[30] *Ibid*. Air Quality. Pages 5.2-30 through 5.2-31.
[31] *Ibid*. Appendix A: Detailed VMT Impact Summary found within Appendix E: Transportation Analysis. Staff calculated additional daily trips by subtracting the 2016 Base Year Daily Vehicle Trip number from the 2040 With Project Daily Vehicle Trip number.
[32] *Ibid*. Air Quality. Page 5.2-34.
[33] *Ibid*. Air Quality. Page 5.2-34.

Advanced Clean Trucks Rule[34] and the Heavy-Duty Low NOx Omnibus Regulation,[35] ZE and NZE trucks will become increasingly more available to use. The Lead Agency can and should require future development projects to have a phase-in schedule to incentivize the use of these cleaner operating trucks to reduce any significant adverse air quality impacts. South Coast AQMD staff is available to discuss the availability of current and upcoming truck technologies and incentive programs. At a minimum, the Lead Agency should require the use of 2014 or newer model year trucks.

Design considerations that the Lead Agency should consider and include in the Final EIR for future development projects to further reduce air quality and health risk impacts include the following:

- Clearly mark truck routes with trailblazer signs, so that trucks will not travel next to or near sensitive land uses (e.g., residences, schools, day care centers, etc.).
- Restrict overnight truck parking in sensitive land uses by providing overnight truck parking inside the future development project site.
- Design future development projects such that any check-in point for trucks is inside the project site to ensure that there are no trucks queuing outside.
- Design a future development project to ensure that truck traffic inside the project site is as far away as feasible from sensitive receptors.

If these recommended revisions are excluded from the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why.

C-5

Cumulative Impacts Analysis

The Air Quality section of the Draft EIR which discusses the cumulative impacts analysis states that the Proposed Project's operational emissions, even with implementation of all proposed mitigation measures, would result in a cumulatively considerable contribution to significant cumulative air quality impacts.[36] Emissions would exceed South Coast AQMD air quality thresholds for ROG (used synonymously with VOC), NOx, CO, PM10 and PM2.5, with the majority of these exceedances coming from mobile sources.[37] The Draft EIR also discusses projected growth for the City and region as forecasted by the City's General Plan and the

C-6

[34] CARB. June 25, 2020. *Advanced Clean Trucks Rule*. Access at: https://ww2.arb.ca.gov/our-work/programs/advanced-clean-trucks.

[35] CARB has recently passed a variety of new regulations that require new, cleaner heavy-duty truck technology to be sold and used in California. For example, on August 27, 2020, CARB approved the Heavy-Duty Low NOx Omnibus Regulation, which will require all trucks to meet the adopted emission standard of 0.05 g/hp-hr starting with engine model year 2024. Accessed at: https://ww2.arb.ca.gov/rulemaking/2020/hdomnibuslownox.

[36] Draft EIR. Air Quality. Page 5.2-31 & Pages 5.2-41 through 5.2-43.

[37] *Ibid*. Air Quality. Pages 5.2-30 through 5.2-31.

Southern California Association of Governments (SCAG).[38] Table 4-1 lists San Bernardino County Growth Projections through year 2045 and Table 4-2 lists the City of Fontana Growth Projections also through year 2045.[39]

As mentioned in the Draft EIR,[40] pursuant to CEQA Guidelines Section 15130(b)(1), the Lead Agency should discuss the significant cumulative impacts either by including:

> "*(A) A list of past, present, and probable future projects producing related or cumulative impacts, including, if necessary, those projects outside the control of the agency, or*
>
> *(B) A summary of projections contained in an adopted local, regional or statewide plan, or related planning document, that describes or evaluates conditions contributing to the cumulative effect…"*

C-6

South Coast AQMD staff recommends that the Lead Agency conduct research and review in-depth other projects that contribute to the cumulative impacts in the area, such as those found on the City's Planning Website.[41] Staff is primarily concerned with the cumulative air quality impacts from increased air toxic concentrations in the area from mobile sources. Therefore, South Coast AQMD staff recommends that, at minimum, the Lead Agency perform a qualitative analysis to provide the potential cumulative impacts from air toxics in consideration and list all surrounding past, present, and probable future projects. If such a revision is not included in the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why.

Health Risk Assessment

Construction

The Air Quality section of the Draft EIR discusses diesel particulate matter (DPM) from construction of the Proposed Project. This section states that DPM emissions from construction activity would be generated by off-road diesel equipment[42] and South Coast AQMD staff agrees with the statement that construction would be transient throughout the Proposed Project area during the projected timeline of the Proposed Project (2023 - 2040). Staff disagrees, however, with the Lead Agency's conclusion that "*DPM generated by Project construction activities, in and of itself, would not expose sensitive receptors to substantial amounts of air toxins and the proposed Project would result in a less than significant impact."*[43]

C-7

[38] *Ibid*. Basis of Cumulative Analysis. Pages 4-2 through 4-3.
[39] *Ibid*. Basis of Cumulative Analysis. Pages 4-3 through 4-4.
[40] *Ibid*. Basis of Cumulative Analysis. Pages 4-1 through 4-2.
[41] City of Fontana Planning Department, Environmental Documents. Access at https://www.fontanaca.gov/2137/Environmental-Documents
[42] Draft EIR. Air Quality. Page 5.2-40.
[43] *Ibid*. Air Quality. Page 5.2-40.

Given the net new development potential of the Proposed Project as listed in Table 3-2 (3,992,868 sq. ft commercial land uses and 10,920 residential dwelling units),[44] duration of construction from 2023 to 2040, and the existence of sensitive land uses (e.g., residences and schools) near and within the Proposed Project area itself, the health risk impact from construction activities cannot be determined to be less than significant without a Health Risk Assessment (HRA) and/or supporting evidence. South Coast AQMD staff therefore recommends that the Lead Agency conduct an HRA for construction to evaluate the impacts from at least the construction's mobile sources (off-road and on-road diesel construction equipment) and provide an analysis discussion of this in the Final EIR. If the HRA results in significant impacts, the Lead Agency should make a good faith effort to discuss mitigation measures to reduce or minimize the health risk impacts and include those mitigation measures in the Final EIR. If the HRA is not performed and disclosed in the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why. The Lead Agency may also include a mitigation measure that states that, for subsequent project-level CEQA environmental analyses (future individual projects within the Proposed Project Area), it will commit to evaluating the air quality impacts from individual project construction via modeling of the DPM emissions. This discussion in the Final EIR will demonstrate that the Lead Agency has adequately considered the potential construction health risk impact of implementing the Proposed Project and that a subsequent, project-level DPM analysis will be completed to disclose health risk impacts at a later stage. **C-7**

Operation

Although the Air Quality section of the Draft EIR discusses DPM exposure to sensitive receptors that may occur as a result of the construction phase of the Proposed Project, it does not discuss DPM exposure to sensitive receptors that may occur as a result of the operational phase of the Proposed Project.[45]At full buildout in year 2040, the Proposed Project is anticipated to result in approximately 1,403 additional truck trips per day when compared to the base year.[46] These trucks will emit DPM, which is an air toxic and carcinogen. South Coast AQMD staff therefore recommends that the Lead Agency discuss and analyze the health risk impacts from operation at full buildout. The Lead Agency may choose to perform a mobile source HRA.[47] If an operational HRA discussion is not included in the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why. **C-8**

Overlapping Construction and Operation Activities

The Draft EIR has separate air quality impact assessments for the construction and operation phases of the Proposed Project. Given that construction is assumed to commence in 2023 and **C-9**

[44] *Ibid*. Project Description. Page 3-14.
[45] Ibid. Air Quality. Pages 5.2-1 through 5.2-44.
[46] *Ibid*. Appendix A: Detailed VMT Impact Summary found within Appendix E: Transportation Analysis. Staff calculated additional daily trips by subtracting 2016 Base Year Daily Vehicle Trip number from 2040 With Project Daily Vehicle Trip number.
[47] South Coast AQMD's guidance for performing a mobile source health risk assessment can be found at: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis.

end in the buildout year of 2040, construction and operation activities are likely to overlap. South Coast AQMD staff therefore recommends that the Lead Agency revise the air quality analysis section to consider and analyze the overlapping construction and operation emissions. Overlapping emissions should be compared to South Coast AQMD's regional Air Quality Significance Thresholds for operation to determine their level of significance, which should be included in the Final EIR. If the overlapped emissions analysis is excluded from the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why.

C-9

Conclusion

Pursuant to Public Resources Code Section 21092.5(a) and CEQA Guidelines Section 15088(b), the Lead Agency is required to provide written responses to South Coast AQMD for all comments contained herein at least 10 days prior to certifying the Final EIR. In addition, as provided by CEQA Guidelines Section 15088(c), if the Lead Agency's position is at variance with the recommendations provided in this comment letter, detailed reasons supported by substantial evidence in the record must be provided to explain why specific comments and recommendations are not accepted.

C-10

We appreciate the opportunity to review the Proposed Project. Thank you for considering these comments. South Coast AQMD staff is available to work with the Lead Agency to address any air quality questions that may arise from this comment letter. Please contact Evelyn Aguilar, Air Quality Specialist, at eaguilar@aqmd.gov should you have any questions.

Sincerely,

Sam Wang

Sam Wang
Program Supervisor, CEQA IGR
Planning, Rule Development & Implementation

BR:SW:EA
SBC230516-05
Control Number

Response to Comment Letter C

Sam Wang, Program Supervisor, CEQA IGR
South Coast Air Quality Management District
June 23, 2023

C-1 These introductory paragraphs summarize the purpose of the South Coast Air Quality Management District's (SCAQMD)'s comment letter and summarizes the Project. The comment does not contain any information requiring changes to the Draft EIR. No further response is warranted.

C-2 The comment states that the Draft EIR mentions that construction emissions would be generated in part by demolition, grading, and excavation activities, and the delivery and hauling of construction supplies and debris via trucks would occur from the Project site. The comment also states that Table 5.5-2 of the Draft EIR identifies zero delivery and haul trips for construction, which is inconsistent with this narrative. The comment further states that, while the CalEEMod output files in Appendix C state that the soil grading activities are anticipated to balance on-site, no truck trips for delivering and hauling supplies and debris are assumed for any of the construction phases in the CalEEMod estimates. The comment recommends that the analysis estimate the quantities of soil that would be imported and/or exported from the Project site, determine the number of truck trips associated with the import and/or export activities during all phases of construction, and include the emissions from the aforementioned activities in the FEIR.

Based on the Project Area characteristics (the Project Area is essentially flat and urbanized), soil is anticipated to be balanced on-site and hauling trips to haul soil to and from the Project Area are not anticipated. Therefore haul trips during grading and excavation activities would not be expected. With regard to demolition activities, haul trips would be anticipated. Site-specific development is not currently proposed and redevelopment activities are anticipated to occur over several years based upon market conditions. Consistent with assumptions identified in Draft EIR Section 3.0, Project Description, it is anticipated that some existing development would be removed to allow for new development associated with implementation of the Downtown Core Project. Therefore, the CalEEMod modeling has been revised to reflect a conservative assumption that up to approximately 1,636 existing residential units and approximately 982,931 square feet of non-residential building would be demolished. Assuming approximately 2,000 square feet per residence (a conservative residential unit size for existing residences), the total square footage of residential buildings to be demolished would be up to 3,272,000 square feet. Combined with the non-residential building square footage, Project implementation could result in the demolition of approximately 4,254,931 square feet of existing structures within the Project Area.

Based on this comment, the revised results of the CalEEMod modeling (to reflect the inclusion of haul trips for demolition activities) have been added as Errata revisions to the revised Section 5.2, *Air Quality*, the revised Section 5.5, *Energy,* including Table 5.5-2, and the revised Section 5.7, *Greenhouse Gas Emissions*. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR. As shown in Chapter 3.0, *Errata*, the revised modeling results in a negligible increase in construction-related ROG, NOx, CO, SOx, GHGs, and on-road mobile fuel usage during

construction (see Chapter 3.0, *Errata*, of this FEIR for further detail). It is noted that these revisions do not result in a change to any of the impact determinations in the Draft EIR.

C-3 This comment describes potential removal actions involving soil movement activities of the proposed Project that would be subjected to the requirements of SCAQMD Rule 1166 (Volatile Organic Compound Emissions from Decontamination of Soil) and Rule 1466 (Control of Particulate Emissions from Soils with Toxic Air Contaminants) and asks that the rules be evaluated to determine applicability to the proposed soil movement activities. Specific development projects have not been identified as part of the proposed Project, so there are no proposed soil movement activities. Section 5.8, *Hazards and Hazardous Materials*, of the Draft EIR includes a description of SCAQMD Rule 1166 on page 5.8-11, and states that future development implemented by the proposed Project would be required to comply with relevant SCAQMD rules. Further, based on this comment, a description of SCAQMD Rule 1466 has been added as Errata revisions to the revised Section 5.8, *Hazards and Hazardous Materials*. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR. The Errata revisions do not result in a change to any of impact determinations in the Draft EIR.

The comment also recommends that the Lead Agency estimate the quantities of contaminated soils, estimate the number of truck trips associated with the removal of contaminated soil, and identify the hazardous landfill site location and the length of each haul truck trip. As discussed above, specific development projects have not been identified as part of the proposed Project. As disclosed in the Environmental Setting of Section 5.8 of the Draft EIR, there are no "active" status sites listed in the EnviroStor database within the Project Area, there are no hazardous materials release sites located in the City of Fontana on the Cortese List, and there are no LUST cleanup sites with a status of "open" located within or adjacent to the Project Area. Further, specific development projects have not been identified as part of the proposed Project. Because of this, the site-specific details of potential future development projects are currently unknown and analysis of potential impacts of such projects would be speculative. However, as described on page 5.8-13 of the Draft EIR, as a matter of existing law "Future development associated with implementation of the Project would be reviewed at the project-level to determine whether any development sites are listed on a hazardous materials site. Any development activities that may occur on documented hazardous materials sites would be required to undergo remediation and cleanup under the supervision of the regulatory agencies, such as DTSC and the Santa Ana Regional Water Quality Control Board (RWQCB)." Additionally, it should be noted that the majority of individual projects that would be developed in the Project Area would be reviewed pursuant to CEQA, prior to allowing the commencement of any soil removal and hauling activities. No further response is warranted.

C-4 The comment summarizes the significant and unavoidable greenhouse gas (GHG) emissions construction impacts of the proposed Project and advises specific revisions to mitigation measures presented in the Draft EIR to further reduce the Project's air quality and significant and unavoidable GHG impacts during construction.

The comment recommends revising the condition in MM AQ-2 that requires the use of 2010 and newer diesel haul trucks be revised to require model year 2014 or newer. Additionally, the

comment recommends revising MM AQ-2 to require the cleanest technology standard for off-road diesel construction equipment. Based on this comment, MM AQ-2 has been revised to respond to the requested revisions. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR.

The comment also states that clean construction equipment will become increasingly more feasible and commercially available and recommends revising MM AQ-8 to provide additional information on how "technically feasible and/or commercially available" will be defined and determined.

As noted by the comment and acknowledged in MM AQ-8, it is anticipated that clean construction equipment will become increasingly more feasible and commercially available as technology advances. MM AQ-8 requires that electric or alternative fueled construction equipment be used where the equipment is technically feasible and/or commercially available. Technically feasible and/or commercially available means the equipment is readily available, there is no significant technical impediment to conducting construction activities with the clean construction equipment that is available at that time, and that the clean construction equipment preforms adequately when compared to gasoline or diesel fueled construction equipment. MM AQ-8 has been revised to provide further clarification. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR.

C-5 The comment summarizes the significant and unavoidable operational air quality and GHG emissions impacts and advises specific revisions to mitigation measures presented in the Draft EIR to further reduce the Project's air quality and significant and unavoidable GHG impacts during operation.

The comment recommends revising the condition in MM AQ-12 that requires the use of 2010 and newer diesel haul trucks be revised to require model year 2014 or newer, as well as expanding the description of the type of incentives found on SCAQMD's website. The comment also recommends requiring the use of ZE and NZE trucks as they become available, or at a minimum, requiring the use of 2014 or newer model year trucks. Based on this comment, a revision to MM AQ-12 has been added as Errata revisions to the revised Section 5.2, *Air Quality*. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR.

The comment also recommends the City require the use of ZE or NZE heavy-duty trucks by future development projects during operation as they will become increasingly more available to use. Design considerations are also recommended for consideration and inclusion in the Final EIR for future development projects to further reduce air quality and health risk impacts specific to truck routes, overnight truck parking, trucks queuing, and truck traffic inside a project site and their proximity to sensitive land uses.

The Downtown Core Project provides for the development of residential and commercial uses and does not allow for development of industrial uses or uses that would provide for significant heavy duty truck trips or activities. Parking or storage of commercial trucks, buses, vans, sign trailers; trailers or semi-trailers; or the like would be prohibited within the Project Area. Truck activities specific to future development within the Downtown Core Area would be limited to

deliveries for businesses. Proposed development within the Project Area would be required to provide loading zones or temporary loading areas to accommodate delivery trucks accessing the site. The comment is noted and no further response is warranted.

C-6 The comment summarizes the methodology of the cumulative analysis in the Draft EIR and recommends that the Lead Agency conduct research and review other projects that contribute to the cumulative impacts in the area, such as those on the City's Planning Website. The comment recommends the Lead Agency perform a qualitative analysis to provide the potential cumulative impacts from air toxics.

As discussed in Section 3.0, *Project Description*, of this Draft EIR, "As site-specific development proposals are not currently proposed, a programmatic analysis of the potential environmental impacts associated with development consistent with implementation of the proposed Project has been prepared in this EIR." As the comment discusses, CEQA Guidelines Section 15130(b)(1) allows for two options for discussing the significant cumulative impacts, either a list of past, present, and probable future projects, or a summary of projections contained in an adopted local, regional or statewide plan. As described in Section 4.0, *Basis of Cumulative Analysis*, in the Draft EIR, the analysis of cumulative impacts in the Draft EIR considers Project impacts in combination with regional impacts, where applicable, that could be expected as other cities within San Bernardino County approach 2040. As a programmatic Draft EIR, the approach to cumulative impacts analysis taken in the Draft EIR is consistent with CEQA Guidelines Section 15130(b)(1). The comment is noted and no further response is warranted.

Furthermore, it should be noted that, with regard to air toxics concentrations in the area from mobile sources, diesel particulate matter (DPM) is the TAC of concern that would be emitted from nearby mobile sources. However, DPM is only emitted from vehicles that combust diesel fuel; the primary source of DPM is heavy-duty trucks. The vast majority of mobile vehicles traveling within and near to the Project Area do not use diesel fuel. As discussed in response to Comment C-5, above, the Downtown Core Project provides for the development of residential and commercial uses and does not allow for development of industrial uses or uses that would provide for significant heavy duty truck trips or activities. Parking or storage of commercial trucks, buses, vans, sign trailers; trailers or semi-trailers; or the like would be prohibited within the Project Area. The Project Area is not in an area with an excessive amount of heavy-duty trucks, since the nearest major freeway is located approximately 1.1 miles or more south of the Project Area. According to the California Air Resources Board, the geographic extent for cumulative projects is 1,000 feet, which is generally the distance within which TAC emission concentrations disperse and are no longer a significant health risk (CARB, 2005)[1] Moreover, as stated in further detail under the response for Comment C-7 (below), it is not be feasible to perform an air toxics Health Risk Assessment (HRA) for airborne toxics built on "speculation" (i.e., without knowing the future tenant(s)). Overall, the existing risk from mobile source TACs would be low, given the distances from the nearest major freeways, and individual projects that would generate mobile source TACs

[1] See: https://sfmohcd.org/sites/default/files/20%20-%20CARB%2C%20Air%20Quality%20and%20Land%20Use%20Handbook%202005.pdf

(such as DPM) would be evaluated at the level of an individual project-level HRA, as applicable. The comment is noted and no further response is warranted.

C-7 The comment states that SCAQMD staff disagrees with the Lead Agency's conclusion that diesel particulate matter (DPM) generated by Project construction activities would not expose sensitive receptors to substantial amounts of toxic air contaminants (TACs) and the Project would have a less than significant impact. The comment states that SCAQMD staff recommends that the Lead Agency conduct a Health Risk Assessment (HRA) for construction or, if not performed, include a mitigation measure that states that future development CEQA environmental analyses must evaluate air quality impacts via modeling of the Diesel Particulate Matter (DPM) emissions.

As discussed in Section 5.2, *Air Quality*, of the Draft EIR, it is necessary to have data regarding the sources and types of toxic air contaminants (TACs), location of emission points, velocity of emissions, the meteorology and topography of the area, and the location of receptors (worker and residence) to quantify health risks (both for construction and operation). It is not be feasible to perform an air toxics Health Risk Assessment (HRA) for airborne toxics built on "speculation" (i.e., without knowing the future tenant(s)). Here, specific development projects have not been identified as part of the proposed Project. Additionally, the emissions are not sufficiently high enough to use a regional modeling program to correlate health effects on a basin-wide level.

Future development projects would be required to analyze TAC impacts on an individual project level, per SCAQMD requirements, and in accordance with California Office of Environmental Health Hazard Assessment (OEHHA) guidance.[2] It is not feasible to conduct an assessment of TACs at a Programmatic-level without knowing specific project details (such as specific site end use, site plan, and trip generation). Rather, project-specific analysis is the appropriate at the time that each individual project's details are available. Therefore, individual projects will be analyzed to determine the individual project's potential to generate TACs on sensitive receptors, and the determination will be made as to whether preparation of an HRA is warranted, at the individual project level, consistent with the OEHHA's *Air Toxic Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments* (February 2015). Based on this comment, a revision for clarification of the requirements for future development projects has been added as Errata revisions to the revised Section 5.2, *Air Quality*. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR. The Errata revisions do not result in a change to any of impact determinations in the Draft EIR.

C-8 The comment states that the draft EIR discusses DPM exposure to sensitive receptors during the construction phase, but does not discuss DPM exposure to sensitive receptors that could occur during the operational phase of the proposed Project. As described in Response to Comment C-7, to conduct a mobile HRA, it is necessary to have data regarding the sources and types of TACs, location of emission points, velocity of emissions, the meteorology and topography of the area, and the location of receptors (worker and residence). Specific development projects have not been identified as part of the proposed Project making any such analysis entirely speculative. Future development projects would be required to analyze TAC impacts on an individual project

[2] See: https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf

level, per SCAQMD requirements[3], and in accordance with California Office of Environmental Health Hazard Assessment (OEHHA) guidance. Therefore, individual projects will be evaluated for their potential to generate TACs on nearby sensitive receptors, consistent with applicable SCAQMD and OEHHA guidance, and the determination will be made as to whether preparation of an HRA is warranted, at the individual project level. Based on this comment, a revision for clarification of the requirements for future development projects has been added as Errata revisions to the revised Section 5.2, *Air Quality*. The Errata revisions can be reviewed in Chapter 3.0, *Errata*, of this FEIR.

C-9 The comment states that the Draft EIR has separate air quality impact assessments for the construction and operation phases of the Project and, given that construction is assumed to commence in 2023 and end in the buildout year of 2040, construction and operation activities are likely to overlap. The comment recommends the air quality analysis section be revised to consider and analyze the overlapping construction and operation emissions and that these overlapping emissions be compared to the Air District's significance thresholds for operation to determine their level of significance.

While construction and operation emissions could overlap during the course of development of the Project, construction and operational emissions have distinct thresholds, as promulgated by the Air District. Ultimately, Project construction and operation are entirely distinct project phases; therefore the Air District promulgates distinct emissions thresholds for a project's operation and construction.[4] Therefore, it would not be appropriate to mix the emissions modeling results for Project construction and operation. As previously noted, the Downtown Core Project does not propose site-specific development; new development and redevelopment activities are anticipated to occur over several years based upon market conditions. Specific development details, including individual site locations, construction phasing, operations and the overall timing of activities are not currently known. The Draft EIR considers the highest residential development and commercial potential that could be built and therefore provides a conservative assessment of construction and operation air quality impacts.

C-10 The comment states that the Lead Agency is required to provide written responses to SCAQMD for all comments at least 10 days prior to certifying the Final EIR. Additionally, the Lead Agency is required to provide detailed reasons supported by substantial evidence any recommendations not taken in the comment letter provided. The comment is noted and no further response is warranted.

[3] See: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook
[4] See: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook

3.0 ERRATA

This section includes any changes to the Draft EIR. The revisions herein do not result in new significant environmental impacts, do not constitute significant new information, and do not alter the conclusions of the environmental analysis that would warrant recirculation of the Draft EIR pursuant to State CEQA Guidelines Section 15088.5.

Changes to the Draft Environmental Impact Report (EIR) are noted below and are listed by page and, where appropriate, by paragraph. Changes are provided with double underline for new text and ~~strike through~~ for deleted text.

3.1 REVISIONS TO THE DRAFT EIR

SECTION 5.2, AIR QUALITY

Draft EIR Table 5.2-6 and Table 5.2-7, pages 5.2-28 and 5.2-29, Impact 5.2-2, has been modified in the Final EIR as follows:

Table 5.2-6
Unmitigated Construction-Related Emissions (Maximum Pounds Per Day)

Construction Year	Reactive Organic Gases (ROG)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Sulfur Oxides (SOx)	Coarse Particulates (PM_{10})	Fine Particulates ($PM_{2.5}$)
Various	~~57.2~~ 57.3	~~106.5~~ 115.6	~~380.6~~ 382.2	1.2	~~114.5~~ 126.9	~~34.0~~ 40.4
SCAQMD Threshold	75	100	550	150	150	55
Exceed Threshold?	**No**	**Yes**	**No**	**No**	**No**	**No**

Source: CalEEMod version 2020.4.0

Notes: SCAQMD Rule 403 Fugitive Dust applied. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; cover stockpiles with tarps; water all haul roads twice daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied. No mitigation was applied to construction equipment; refer to Appendix C for model outputs.

Table 5.2-7
Mitigated Construction-Related Emissions (Maximum Pounds Per Day)

Construction Year	Reactive Organic Gases (ROG)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Sulfur Oxides (SOx)	Coarse Particulates (PM_{10})	Fine Particulates ($PM_{2.5}$)
Various	~~55.4~~ 55.6	~~89.8~~ 91.3	~~384.7~~ 386.3	1.2	113.6	33.2
SCAQMD Threshold	75	100	550	150	150	55
Exceed Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Source: CalEEMod version 2020.4.0

Notes: SCAQMD Rule 403 Fugitive Dust applied. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; cover stockpiles with tarps; water all haul roads twice daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied. No mitigation was applied to construction equipment; refer to Appendix C for model outputs.

Draft EIR Page 5.2-32, Impact 5.2-2, has been modified in the Final EIR as follows:

AQ-2: All construction equipment shall be maintained in good operation condition so as to reduce emissions. The construction contractor shall ensure that all construction equipment is being properly serviced and maintained as per the manufacturer's specification. Maintenance records shall be available at the construction site for City of Fontana verification. The following additional measures, as determined applicable by the City Engineer, shall be included as conditions of the Grading Permit issuance:

- Provide temporary traffic controls such as a flag person, during all phases of construction to maintain smooth traffic flow.
- Provide dedicated turn lanes for movement of construction trucks and equipment on- and off-site.
- Reroute construction trucks away from congested streets or sensitive receptor areas.
- Appoint a construction relations officer to act as a community liaison concerning on-site construction activity including resolution of issues related to PM_{10} generation.
- Improve traffic flow by signal synchronization and ensure that all vehicles and equipment will be properly tuned and maintained according to manufacturers' specifications.
- Require the use of ~~2010~~ 2014 and newer diesel haul trucks (e.g., material delivery trucks and soil import/export). If the lead agency determines that ~~2010~~ 2014 model year or newer diesel trucks cannot be obtained the lead agency shall use trucks that meet EPA 2007 model year NO_X and PM emissions requirements.
- During project construction, the construction plans and specifications shall state that off-road diesel construction equipment rated at 150 horsepower (hp) or greater, complies with Environmental Protection Agency (EPA)/California Air Resources Board (CARB) Tier 4 off-road emissions standards or equivalent, or the most recent standards released by

CARB as part of the rulemaking process, and shall ensure that all construction equipment is tuned and maintained in accordance with the manufacturer's specifications. The Lead Agency shall conduct an on-site inspection to verify compliance with construction mitigation and to identify other opportunities to further reduce construction impacts. (General Plan EIR MM-AQ-9, updated)

AQ-8: Future individual projects within the Project Area shall be required to use electric or alternative fueled construction equipment where technically feasible and/or commercially available. ~~,~~ Technically feasible and/or commercially available means the equipment is readily available, there is no significant technical impediment to conducting construction activities with the clean construction equipment that is available at that time, and that the clean construction equipment ~~where the electric or alternatively fueled equipment~~ can perform adequately when compared to gasoline or diesel fueled construction equipment.

AQ-12: To promote alternative fuels and help support "clean" truck fleets, the developer/successor-in-interest shall provide building occupants and businesses with information related to the Southern California Air Quality Management District's (SCAQMD) Carl Moyer Program, as well as other SCAQMD incentives and programs available, or other state programs that restrict operations to "clean" trucks, such as 2007 or newer model year or ~~2010~~ 2014 complaint heavy-duty vehicles, and information about the health effects of diesel particulates, the benefits of reduced idling time, California Air Resources Board regulations, and the importance of not parking in residential areas. If trucks older than 2007 model year would be used at the project site, the developer/successor-in-interest shall encourage tenants, through contract specifications, to apply in good-faith funding for diesel truck replacement/retrofit through grant programs such as, but not limited to, the Carl Moyer, Prop 18, VIP [On-Road Heavy Duty Voucher Incentive Program], HVIP [Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project], and SOON [Surplus Off-Road Opt-In for NO_X] funding programs, as identified on SCAQMD's website (http://www.aqmd.gov/home/programs). Tenants would be required to use those funds, if awarded. (General Plan EIR MM-AQ-5)

Draft EIR Page 5.2-38, Impact 5.2-3, has been modified in the Final EIR as follows:

CRITERIA POLLUTANT HEALTH IMPACTS

In December 2018, in the case of Sierra Club v. County of Fresno (2018) 6 Cal.5th 502, California Supreme Court held that an EIR's air quality analysis must meaningfully connect the identified air quality impacts to the human health consequences of those impacts, or meaningfully explain why that analysis cannot be provided. As noted in the Brief of Amicus Curiae by the SCAQMD in the Friant Ranch case (April 6, 2015, Appendix 10.1), SCAQMD has among the most sophisticated air quality modeling and health impact evaluation capability of any of the air districts in the State, and thus it is uniquely situated to express an opinion on how lead agencies should correlate air quality impacts with specific health outcomes.

The SCAQMD discusses that it may be infeasible to quantify health risks caused by projects similar to the proposed Project, due to many factors. It is necessary to have data regarding the sources and types of air toxic contaminants, location of emission points, velocity of emissions, the meteorology and topography of the area, and the location of receptors (worker and residence). The Brief states that it may not be feasible to perform a health risk assessment for airborne toxics that will be emitted by a generic industrial

building that was built on "speculation" (i.e., without knowing the future tenant(s). Even where a health risk assessment can be prepared, however, the resulting maximum health risk value is only a calculation of risk--it does not necessarily mean anyone will contract cancer as a result of the Project. The Brief also cites the author of the CARB methodology, which reported that a $PM_{2.5}$ methodology is not suited for small projects and may yield unreliable results. Similarly, SCAQMD staff does not currently know of a way to accurately quantify O_3-related health impacts caused by NO_X or VOC emissions from relatively small projects, due to photochemistry and regional model limitations. The Brief concludes, with respect to the Friant Ranch EIR, that although it may have been technically possible to plug the data into a methodology, the results would not have been reliable or meaningful.

It should also be noted that NOx and VOCs are "precursor" pollutants, which makes analysis of potential health impacts even more difficult. NOx and VOCs are precursors to ozone, which is formed in the atmosphere from the chemical reaction of NOx and VOCs in the presence of sunlight. As explained by the SCAQMD in its amicus curiae brief for the Friant Ranch case, it takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources." Given this, "…it takes a large amount of additional precursor emissions to cause a modeled increase in ambient ozone levels over an entire region." Therefore, SCAQMD opined that while it "may be feasible" for large, regional projects with very high emissions of NO_X and VOCs to conduct an accurate health impact analysis, "SCAQMD staff does not currently know of a way to accurately quantify ozone-related health impacts caused by NO_X or VOC (similar to ROG] emissions from relatively small projects."

On the other hand, for extremely large regional projects (unlike the proposed Project), the SCAQMD states that it has been able to correlate potential health outcomes for very large emissions sources – as part of their rulemaking activity, specifically 6,620 lbs./day of NO_X and 89,180 lbs./day of VOC were expected to result in approximately 20 premature deaths per year and 89,947 school absences due to the O_3 generated by the mixing of NOx and VOCs.

The proposed Project does not generate anywhere near 6,620 lbs/day of NO_X or 89,190 lbs/day of VOC emissions. Rather, as shown in Table 5.2-8, maximum daily NOx emissions would be 191.8 lbs/day, and maximum daily VOC (similar to ROG) emissions would be 432.8 lbs/day.

Therefore, the emissions are not sufficiently high enough to use a regional modeling program to correlate health effects on a basin-wide level. Notwithstanding, this evaluation does evaluate full buildout of the proposed Project throughout the entire Plan Area through buildout year 2040, including evaluation of localized impacts to air quality for emissions of CO, NO_X, PM_{10}, and $PM_{2.5}$ by comparing the on-site emissions to the SCAQMD's applicable LST thresholds. As described previously, the proposed Project could exceed SCAQMD's LST thresholds for operation for PM_{10} and $PM_{2.5}$. However, it should be noted that individual projects to be developed within the Project Area may be shown to have impacts that would be below the LST thresholds for operational impacts. Additionally, future development projects would be required to analyze toxic air contaminants (TAC) impacts on an individual project level, per SCAQMD requirements, and in accordance with California Office of Environmental Health Hazard Assessment (OEHHA) guidance. It is not feasible to develop an air toxics Health Risk Assessment (HRA) at a programmatic-level for individual development projects whose specific project details (such as specific site end use, site plan, and trip generation) are not well known at this time. Rather, project-specific

analysis is the appropriate level of analysis, at the time that each individual project-level details are available. Therefore, individual projects will be screened and the determination will be made as to whether preparation of an HRA is warranted, at the individual project level.

CONSTRUCTION-RELATED DIESEL PARTICULATE MATTER

Project construction would generate diesel particulate matter (DPM) emissions from the use of off-road diesel equipment required. The amount to which the receptors are exposed (a function of concentration and duration of exposure) is the primary factor used to determine health risk (i.e., potential exposure to toxic air contaminants (TAC) emission levels that exceed applicable standards). Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer.

The use of diesel-powered construction equipment would be temporary and episodic. The duration of exposure would be short and exhaust from construction equipment would dissipate rapidly. Current models and methodologies for conducting health risk assessments are associated with longer-term exposure periods of 9, 30, and 70 years, which do not correlate well with the temporary and highly variable nature of construction activities. The closest sensitive receptor to the Project Area is located within the Project Area.

California Office of Environmental Health Hazard Assessment has not identified short-term health effects from diesel particulate matter (DPM). Construction is temporary and would be transient throughout the Project Area and individual development sites (i.e., move from location to location) and would not generate emissions in a fixed location for extended periods of time. Construction activities would be subject to and would comply with California regulations limiting the idling of heavy-duty construction equipment to no more than five minutes to further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Moreover, Mitigation Measures AQ-2, AQ-5, AQ-7 and AQ-8 would require that Project plans and specifications shall include signs at loading dock facilities that include: 1) instructions for truck drivers to shut off engines when not in use; 2) instructions for trucks drivers to restrict idling to no more than 5 minutes once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged pursuant to Title 13 of the California Code of Regulations, Section 2485; and 3) telephone numbers of the building facilities manager and CARB to report violations. Signs shall be installed prior to receipt of an occupancy permit. Additionally, as discussed above, future development projects would be required to analyze toxic air contaminants (TAC) impacts on an individual project level, per SCAQMD requirements, and in accordance with California Office of Environmental Health Hazard Assessment (OEHHA) guidance. Therefore, individual projects will be screened and the determination will be made as to whether preparation of an HRA is warranted, at the individual project level. For these reasons, DPM generated by Project construction activities, in and of itself, would not expose sensitive receptors to substantial amounts of air toxins and the proposed Project would result in a less than significant impact.

SECTION 5.5, ENERGY

Draft EIR Table 5.5-2, page 5.5-11, Impact 5.5-1 and 5.5-2, has been modified in the Final EIR as follows:

Table 5.5-2
On-Road Mobile Fuel Generated by Project Construction Activities – By Phase

Construction Phase	# of Days	Total Daily Worker Trips[1]	Total Daily Vendor Trips[1]	Total Hauler Trips[1]	Gallons of Gasoline Fuel[2]	Gallons of Diesel Fuel[2]
Demolition	400	15	0	~~0~~ 19,353	3,402	~~0~~ 51,762
Site Preparation	240	18	0	0	240	0
Grading	620	20	0	0	7,032	0
Building Construction	4,566	7,132	1,392	0	923,331	293,243
Paving	440	15	0	0	3,743	0
Architectural Coating	4,566	1,426	0	0	184,614	0
			Total	**0**	**1,122,362**	~~**293,243**~~ **345,005**
Sources: CalEEMod Version 2020.4.0; EMFAC2021.						
Notes: 1. Provided by CalEEMod. 2. Refer to Appendix C for further detail.						

SECTION 5.7, GREENHOUSE GAS EMISSIONS

Draft EIR Table 5.7-1 and page 5.7-22, Impact 5.7-1 and 5.7-2, has been modified in the Final EIR as follows:

Table 5.7-1
Construction GHG Emissions (Metric Tons/Year)

Year	Bio-CO_2	NBio-CO_2	Total CO_2	CH_4	N_2O	CO_2e
Maximum	0	~~13,139.6~~ 13,485.7	~~13,139.6~~ 13,485.7	0.6	~~0.7~~ 0.8	~~13,362.3~~ 13,725.1
Source: CalEEMod version 2020.4.0						

As shown in Table 5.7-1, Project construction-related activities would generate a maximum of approximately 13,~~362~~725 $MTCO_2e$ of GHG emissions in a single year. Total GHG emissions construction-related activities would be approximately 196,~~390~~947, over the entire course of construction (assumed to start in year 2023 and end in year 2040). See Appendix C, *Air Quality, Energy and Greenhouse Gas Emissions Modeling Data*, for more detail. Once construction is complete, the generation of construction-related GHG emissions would cease.

Draft EIR Page 5.7-32, Mitigation Measure GHG-3 has been modified in the Final EIR, as follows:

GHG-3: Prior to issuance of building permits, future individual project developers with more than 10 employees or more than 10 company vehicles shall submit a GHG Emissions Reduction Plan (ERP) at the discretion of the Planning Director, to the City of Fontana for review and approval. The objective of the plan shall be to reduce GHG emissions by a minimum of 10 percent. The GHG ERP shall consider and identify GHG emission reductions from the following emission source categories as part of the ERP:

- Energy source reduction from measure GHG-1
- Implementation of Ride Sharing Program (Mobile Source)
- Provision of electric vehicle charging stations (Level 2 or Level 3, Mobile Source)
- Maintenance of an onsite bicycle sharing program (Mobile Source)
- Establishment and support of a mass transit use program (including adjusting hours of operations to complement local mass transit operations, Mobile Source)
- Provision of secure bicycle parking facilities (Mobile Source)
- Acquisition of a minimum of one company electric vehicle or low NOx emission CNG vehicle, including truck(s) (Mobile source)
- Install low demand water consumption systems, internally and outdoors (Water Usage source)
- Implement a solid waste management system that achieves greater than 50 percent recycling (Waste Management Source)
- Utilize construction equipment that can reduce GHG and NOx emissions a minimum of 5 percent (Construction Emissions Source).

SECTION 5.8, HAZARDS AND HAZARDOUS MATERIALS

Draft EIR Page 5.8-8, Regulatory Setting, has been modified in the Final EIR as follows:

South Coast Air Quality Management District

The South Coast Air Quality Management District (SCAQMD), in coordination with the California Air Resources Board (CARB) is responsible for developing and implementing rules and regulations regarding air toxics on a local level. SCAQMD establishes permitting requirements, inspects emission sources, and enforces measures through educational programs and/or fines.

SCAQMD Rule 1403 governs the demolition of buildings containing asbestos materials. Rule 1403 specifies work practices with the goal of minimizing asbestos emissions during building demolition and renovation activities, including the removal and associated disturbance of ACBMs. The requirements for demolition and renovation activities include asbestos surveying, notification, ACBMs removal procedures and time schedules, ACBMs handling and cleanup procedures, and storage and disposal requirements for asbestos-containing waste materials.

Rule 1166 governs the emission of volatile organic compounds (VOCs) from excavating, grading, handling, and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition. The requirements for excavating an UST, transfer pipe, or VOC-contaminated soils include operating pursuant to an approved mitigation plan, notification, VOC monitoring, and procedure for handling and transporting contaminated soils.

Rule 1466 governs control of particulate emissions from soils with toxic air contaminants. The rule applies to any owner or operator conducting earth-moving activities of soil with applicable toxic air contaminants that have been identified as contaminants of concern at the site. The purpose of the rule is to minimize off-site fugitive dust emissions from earth-moving activities at sites containing specific toxic air contaminants by establishing dust control measures. The rule does not apply to earth-moving activities of soil with applicable toxic air contaminants of less than 50 cubic yards.

Rule 1401 governs any new, modified, or relocation of permit units (article, machine, equipment, or facility) that emit toxic air contaminants. The rule establishes allowable risks (maximum individual cancer risk, cancer burden, and noncancer acute and chronic hazard index) from operating permit units. Regulation 13 (Rules 1300 – 1325) establishes pre-construction review requirements for the installation or modification of a source facility (i.e., power plant, engine, equipment) of nonattainment air contaminant, ozone-depleting compounds (ODCs), or ammonia.

SECTION 5.9, HYDROLOGY AND WATER QUALITY

Draft EIR Page 5.9-9, Regulatory Setting, has been modified in the Final EIR as follows:

Fontana Master Storm Drainage Plan

The City of Fontana and "Sphere of Influence" Master Storm Drainage Plan Study, adopted June 1992, provides planning for major drainage facilities within the City of Fontana and the City of Fontana's Sphere of Influence (SOI) that are necessary to provide protection in 100-year storms. The Master Storm Drainage Plan was a coordinated effort by the City of Fontana's Engineering Division and other agencies to adopt a Master Storm Drainage Fee Ordinance Program for the City of Fontana and Fontana's SOI.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

The California Environmental Quality Act (CEQA) requires that when a public agency completes an environmental document which includes measures to mitigate or avoid significant environmental effects, the public agency must adopt a reporting or monitoring program. This requirement ensures that environmental impacts found to be significant will be mitigated. The reporting or monitoring program must be designed to ensure compliance during project implementation (Public Resources Code Section 21081.6). Specifically, Public Resources Code § 21081.6 states:

> (a) *When making findings required by paragraph (1) of subdivision (a) of Section 21081 or when adopting a mitigated negative declaration pursuant to paragraph (2) of subdivision (c) of Section 21080, the following requirements shall apply:*
>
> *(1) The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation. For those changes which have been required or incorporated into the project at the request of a responsible agency or a public agency having jurisdiction by law over natural resources affected by the project, that agency shall, if so requested by the lead or responsible agency, prepare and submit a proposed reporting or monitoring program.*
>
> *(2) The lead agency shall specify the location and custodian of the documents or other material which constitute the record of proceedings upon which its decision is based.*

This Mitigation Monitoring and Reporting Program (MMRP) has been developed to provide the mechanism by which to monitor mitigation measures outlined in the Downtown Core Project Environmental Impact Report (EIR). The Downtown Core Project MMRP has been prepared in conformance with Public Resources Code §21081.6 and City of Fontana (City) monitoring requirements.

State CEQA Guidelines §15097 provides clarification of mitigation monitoring and reporting requirements and guidance to local lead agencies on implementing strategies. The reporting or monitoring program must be designed to ensure compliance during project implementation. The City of Fontana is the Lead Agency for the Downtown Core Project and is therefore responsible for ensuring MMRP implementation. This MMRP has been drafted to meet Public Resources Code §21081.6 requirements as a fully enforceable monitoring program.

The MMRP Checklist is intended to provide verification that all applicable mitigation measures relative to significant environmental impacts are monitored and reported. Monitoring will include: 1) verification that each mitigation measure has been implemented; 2) recordation of the actions taken to implement each mitigation; and 3) retention of records in the Downtown Core Project file.

This MMRP delineates responsibilities for monitoring the Project, but also allows the City flexibility and discretion in determining how best to monitor implementation. Monitoring procedures will vary according

to the type of mitigation measure. Adequate monitoring consists of demonstrating that monitoring procedures took place and that mitigation measures were implemented. This includes the review of all monitoring reports, enforcement actions, and document disposition, unless otherwise noted in the MMRP Checklist. If an adopted mitigation measure is not being properly implemented, the designated monitoring personnel shall require corrective actions to ensure adequate implementation.

The numbering system in the following table corresponds with the EIR's numbering system. The MMRP table "Verification" column will be used by the parties responsible for documenting when the mitigation measure has been completed. The City of Fontana will complete ongoing documentation and mitigation compliance monitoring. The completed MMRP and supplemental documents will be kept on file at the City of Fontana Planning Department.

MITIGATION MONITORING AND REPORTING PROGRAM CHECKLIST

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
AIR QUALITY						
AQ-1: In the event that any off-site utility and/or infrastructure improvements are required as a direct result of future projects, construction of such off-site utility and infrastructure improvements shall not occur concurrently with the demolition, site preparation, and grading phases of project construction. This requirement shall be clearly noted on all applicable grading and/or building plans. (General Plan EIR MM-AQ-8)	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			
AQ-2: All construction equipment shall be maintained in good operation condition so as to reduce emissions. The construction contractor shall ensure that all construction equipment is being properly serviced and maintained as per the manufacturer's specification. Maintenance records shall be available at the construction site for City of Fontana verification. The following additional measures, as determined applicable by the City Engineer, shall be included as conditions of the Grading Permit issuance: • Provide temporary traffic controls such as a flag person, during all phases of construction to maintain smooth traffic flow. • Provide dedicated turn lanes for movement of construction trucks and equipment on- and off-site. • Reroute construction trucks away from congested streets or sensitive receptor areas. • Appoint a construction relations officer to act as a community liaison concerning on-site construction	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
activity including resolution of issues related to PM_{10} generation. • Improve traffic flow by signal synchronization and ensure that all vehicles and equipment will be properly tuned and maintained according to manufacturers' specifications. • Require the use of 2014 and newer diesel haul trucks (e.g., material delivery trucks and soil import/export). If the lead agency determines that 2014 model year or newer diesel trucks cannot be obtained the lead agency shall use trucks that meet EPA 2007 model year NO_X and PM emissions requirements. • During project construction, the construction plans and specifications shall state that off-road diesel construction equipment rated at 150 horsepower (hp) or greater, complies with Environmental Protection Agency (EPA)/California Air Resources Board (CARB) Tier 4 off-road emissions standards or equivalent, or the most recent standards released by CARB as part of the rulemaking process, and shall ensure that all construction equipment is tuned and maintained in accordance with the manufacturer's specifications. The Lead Agency shall conduct an on-site inspection to verify compliance with construction mitigation and to identify other opportunities to further reduce construction impacts. (General Plan EIR MM-AQ-9, updated)						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
AQ-3: Prior to the issuance of any grading permits, all Applicants shall submit construction plans to the City of Fontana denoting the proposed schedule and projected equipment use. Construction contractors shall provide evidence that low emission mobile construction equipment will be utilized, or that their use was investigated and found to be infeasible for the projects. Contractors shall also conform to any construction measures imposed by the SCAQMD as well as City Planning Staff. (General Plan EIR MM-AQ-10)	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			
AQ-4: All asphalt shall meet or exceed performance standards noted in SCAQMD Rule 1108. (General Plan EIR MM-AQ-13)	Prior to the issuance of grading or building permits, whichever occurs first	Project proponent	City of Fontana Planning Department			
AQ-5: Prior to the issuance of grading permits or approval of grading plans for future development projects within the project area, future developments shall include a dust control plan as part of the construction contract standard specifications. The dust control plan shall include measures to meet the requirements of SCAQMD Rules 402 and 403. Such measures may include, but are not limited to: • Phase and schedule activities to avoid high-ozone days and first-stage smog alerts. • Discontinue operation during second-stage smog alerts.	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
• All haul trucks shall be covered prior to leaving the site to prevent dust from impacting the surrounding areas. • Comply with AQMD Rule 403, particularly to minimize fugitive dust and noise to surrounding areas. • Moisten soil each day prior to commencing grading to depth of soil cut. • Water exposed surfaces at least twice a day under calm conditions, and as often as needed on windy days or during very dry weather in order to maintain a surface crust and minimize the release of visible emissions from the construction site. • Treat any area that will be exposed for extended periods with a soil conditioner to stabilize soil or temporarily plant with vegetation. • Wash mud-covered tired and under carriages of trucks leaving construction sites. • Provide for street sweeping, as needed, on adjacent roadways to remove dirt dropped by construction vehicles or mud, which would otherwise be carried off by trucks departing project sites. • Securely cover all loads of fill coming to the site with a tight-fitting tarp. • Cease grading during periods when winds exceed 25 miles per hour. • Provide for permanent sealing of all graded areas, as applicable, at the earliest practicable time after soil disturbance. • Use low-sulfur diesel fuel in all equipment.						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
• Use electric equipment whenever practicable. • Shut off engines when not in use. (General Plan EIR MM-AQ-14)						
AQ-6: Future individual projects within the Project Area shall be required to comply with South Coast Air Quality Management District Rule 1113 – Architectural Coatings. No person shall apply or solicit the application of any architectural coating within the SCAQMD with VOC content in excess of the values specified in a table incorporated in the Rule. A list of manufacturers of low/no-VOC paints is provided at the following SCAQMD website: http://www.aqmd.gov/docs/default-source/planning/architectural-coatings/reporting-and-support-documents/rule-314-manufacturers.pdf?sfvrsn=4. All paints will be applied using either high volume low-pressure spray equipment or by hand application.	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			
AQ-7: Plans, specifications and contract documents shall require that a sign must be posted on-site stating that construction workers shall not allow diesel engines to idle in excess of five minutes.	Prior to the issuance of grading or building permits, whichever occurs first	Project proponent	City of Fontana Planning Department			
AQ-8: Future individual projects within the Project Area shall be required to use electric or alternative fueled construction equipment where technically feasible and/or commercially available. Technically feasible and/or commercially available means the equipment is readily available, there is no significant technical impediment to conducting construction activities with the clean construction equipment that is	Prior to the issuance of grading or building permits, whichever occurs first	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
available at that time, and that the clean construction equipment can perform adequately when compared to gasoline or diesel fueled construction equipment.						
AQ-9: To reduce energy demand associated with potable water conveyance, future projects shall implement the following, as applicable: • Landscaping palette emphasizing drought tolerant plants. • Use of water-efficient irrigation techniques. • U.S. Environmental Protection Agency (EPA) Certified WaterSense equivalent faucets, high-efficiency toilets, and water conserving shower heads. (General Plan EIR MM-AQ-2)	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			
AQ-10: Future projects shall comply with applicable provisions of state law, including the California Green Standards Code (Part 11 of Title 24 of the California Code of Regulations. (General Plan EIR MM-AQ-3)	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			
AQ-11: The applicant/developer shall encourage its tenants to use alternative-fueled vehicles such as compressed natural gas vehicles, electric vehicles, or other alternative fuels by providing publicly available information from the Southern California Air Quality Management District (SCAQMD), California Air Resources Board (CARB), and U.S. Environmental Protection Agency (EPA) on alternative fuel technologies. (General Plan EIR MM-AQ-4)	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			
AQ-12: To promote alternative fuels and help support "clean" truck fleets, the developer/successor-in-interest shall provide building occupants and businesses with information related to the Southern California Air Quality	Ongoing during operations	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
Management District's (SCAQMD) Carl Moyer Program, as well as other SCAQMD incentives and programs available or other state programs that restrict operations to "clean" trucks, such as 2007 or newer model year or 2014 complaint heavy-duty vehicles, and information about the health effects of diesel particulates, the benefits of reduced idling time, California Air Resources Board regulations, and the importance of not parking in residential areas. If trucks older than 2007 model year would be used at the project site, the developer/successor-in-interest shall encourage tenants, through contract specifications, to apply in good-faith funding for diesel truck replacement/retrofit through grant programs such as, but not limited to, the Carl Moyer, Prop 18, VIP [On-Road Heavy Duty Voucher Incentive Program], HVIP [Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project], and SOON [Surplus Off-Road Opt-In for NOX] funding programs, as identified on SCAQMD's website (http://www.aqmd.gov/home/programs). Tenants would be required to use those funds, if awarded. (General Plan EIR MM-AQ-5)						
AQ-13: The applicant/developer shall encourage its tenants to use water-based or low volatile organic compound (VOC) cleaning products by providing publicly available information from the Southern California Air Quality Management District (SCAQMD), California Air Resources Board (CARB), and U.S. Environmental Protection Agency (EPA) on such cleaning products. (General Plan EIR MM-AQ-6)	Ongoing during operations	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
AQ-14: All on-site forklifts shall be non-diesel and shall be powered by electricity, compressed natural gas, or propane if technically feasible. (General Plan EIR MM-AQ-7)	Ongoing during operations	Project proponent	City of Fontana Planning Department			
AQ-15: All residential and commercial structures shall be required to incorporate high efficiency/low polluting heating, air conditioning, appliances, and water heaters. (General Plan EIR MM-AQ-20)	Prior to the issuance of the Certificate of Occupancy	Project proponent	City of Fontana Planning Department			
AQ-16: All residential and commercial structures shall be required to incorporate thermal pane windows and weather-stripping. (General Plan EIR MM-AQ-21)	Prior to the issuance of the Certificate of Occupancy	Project proponent	City of Fontana Planning Department			
AQ-17: All residential and commercial structures shall be required to incorporate light colored roofing materials. (General Plan EIR MM-AQ-22, updated)	Prior to the issuance of the Certificate of Occupancy	Project proponent	City of Fontana Planning Department			
AQ-18: The minimum number of automobile electric vehicle (EV) charging stations required by the California Code of Regulations (CCR) Title 24 shall be provided. As agreed by the Applicant and Lead Agency, final designs of Project Area buildings shall include electrical infrastructure sufficiently sized to accommodate the potential installation of additional auto EV charging stations.	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			
AQ-19: Future individual projects within the Project Area shall not discharge from any source whatsoever such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any such	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property.						
AQ-20: Future individual projects within the Project Area shall be required to comply with South Coast Air Quality Management District Rule 1301 – General. This rule is intended to provide that pre-construction review requirements to ensure that new or relocated facilities do not interfere with progress in attainment of the NAAQS, while future economic growth within the South Coast Air Quality Management District is not unnecessarily restricted. The specific air quality goal is to achieve no net increases from new or modified permitted sources of nonattainment air contaminants or their precursors. Rule 1301 also limits emission increases of ammonia, and Ozone Depleting Compounds (ODCs) from new, modified or relocated facilities by requiring the use of Best Available Control Technology (BACT).	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			
AQ-21: Building operators will require (by contract specifications) that equipment, including heavy-duty equipment, motor vehicles, and portable equipment, be turned off when not in use for more than 5 minutes. Truck idling shall not exceed 5 minutes in time. All facilities will post signs requiring that trucks shall not be left idling for more than 5 minutes pursuant to Title 13 of the California Code of Regulations, Section 2485, which limits idle times to not more than five minutes. Nighttime (after 10:00 PM) truck idling would not be permitted.	Ongoing during construction	Project proponent	City of Fontana Planning Department			
AQ-22: Future individual projects within the Project Area shall be required to maximize the planting of drought resistant trees in landscaping and parking lots and when/if	Prior to the issuance of	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
recycled water becomes available in the future, landscaping shall be supported by this alternative source of water supply.	Certificate of Occupancy					
AQ-23: Where individual projects within the Project Area require permits from SCAQMD to operate specific types of equipment and processes, the developers/operators shall be required to obtain such permits prior to operation of the specific equipment and processes requiring the permit.	Prior to the issuance of the specific permit	Project proponent	City of Fontana Planning Department and SCAQMD			
BIOLOGICAL RESOURCES						
BIO-1: 1. Prior to initial grading or clearing of areas of suitable habitat within the Project Area (e.g., a vacant site with a landscape of grassland or low-growing, arid scrub vegetation or agricultural use or vegetation), a qualified biologist shall conduct a pre-construction survey, in accordance with the CDFG Staff Report on Burrowing Owl Mitigation, to determine the presence or absence of burrowing owl within the proposed area of impact. 2. Results of surveys, including mitigation recommendations (i.e., a Burrowing Owl Mitigation and Monitoring Report) shall be incorporated into the project-level CEQA compliance documentation. 3. Construction grading/clearing of areas of suitable habitat should occur between September 1 and January 31 to avoid impacts to breeding owls. If occupied burrows are discovered, they shall not be removed during nesting season (February 1 through August 31), unless a qualified biologist can determine that either the owls have not laid eggs	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
or are incubating eggs, or that any young from the burrows are able to forage independently. If initial grading is scheduled to occur during nesting season, the following measures shall be implemented. 4. If removal of occupied burrows is necessary, passive relocation outside of nesting season shall be implemented under the supervision of the qualified biologist. This shall include covering/excavation of burrows and installation of one-way doors as necessary. One-way doors will allow owls inside the burrow to exit but not allow them to re-enter. The biologist shall wait a minimum of one week before the burrow may be excavated to allow the owls time to leave the area. (General Plan EIR MM-BIO-1)						
BIO-2: To avoid impacts to nesting birds and to comply with the MBTA, clearing of vegetation and removal of trees should occur between non-nesting (or non-breeding) season for birds (generally, September 1 to January 31). If this avoidance schedule is not feasible, the alternative is to carry out such activities under the supervision of a qualified biologist. This shall entail the following: 1. A qualified biologist shall conduct a pre-construction nesting bird survey no more than 14 days prior to initiating ground disturbance activities. The survey will consist of full coverage of the proposed disturbance limits and up to a 500-foot buffer area, determined by the biologist and taking into account the species nesting in the area and the habitat present.	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
2. If no active nests are found, no additional measures are required. 3. If "occupied" nests are found, their locations shall be mapped, species documented, and, to the degree feasible, the status of the nest (e.g., incubation of eggs, feeding of young, near fledging) recorded. The biologist shall establish a no-disturbance buffer around each active nest. The buffer area will be determined by the biologist based on the species present, surrounding habitat, and type of construction activities proposed in the area. 4. No construction or ground disturbance activities shall be conducted within the buffer until the biologist has determined the nest is no longer active and has informed the construction supervisor that activities may resume. (General Plan EIR MM-BIO-2)						
CULTURAL RESOURCES						
CUL-1: A qualified archaeologist shall perform the following tasks, prior to construction activities within project boundaries: • Subsequent to a preliminary City review, if evidence suggests the potential for historic resources, a field survey for historical resources within portions of the project site not previously surveyed for cultural resources shall be conducted. • Subsequent to a preliminary City review, if evidence suggests the potential for historic resources, the San Bernardino County Archives	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
shall be contacted for information on historical property records. • Subsequent to a preliminary City review, if evidence suggests the potential for sacred land resources, the Native American Heritage Commission shall be contacted for information regarding sacred lands. • All historical resources within the project site, including archaeological and historic resources older than 50 years, shall be inventoried using appropriate State record forms and guidelines followed according to the California Office of Historic Preservation's handbook "Instructions for Recording Historical Resources." The archaeologist shall then submit two (2) copies of the completed forms to the San Bernardino County Archaeological Information Center for the assignment of trinomials. • The significance and integrity of all historical resources within the project site shall be evaluated, using criteria established in the CEQA Guidelines for important archaeological resources and/or 36 CFR 60.4 for eligibility for listing on the National Register of Historic Places. • Mitigation measures shall be proposed and conditions of approval (if a local government action) recommended to eliminate adverse project effects on significant, important, and unique historical resources, following appropriate CEQA and/or National Historic Preservation Act's Section 106 guidelines.						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
• If there is evidence that a historical resource exists or could exist, a technical resources management report shall be prepared, documenting the inventory, evaluation, and proposed mitigation of resources within the project site, following guidelines for Archaeological Resource Management Reports prepared by the California Office of Historic Preservation, Preservation Planning Bulletin 4(a), December 1989. One copy of the completed report, with original illustrations, shall be submitted to the San Bernardino County Archaeological Information Center for permanent archiving. • If human remains or funerary objects are encountered on the project site, work in the immediate vicinity (within a 100-foot buffer of the find) shall cease and the San Bernardino County Coroner's Office shall be contacted pursuant to Health and Safety Code Sections 7050.5 to 7055 and PRC Section 5097.98. If the coroner determines that the remains are not subject to his or her authority and if the coroner recognizes the human remains to be those of a Native American, or has reason to believe that they are those of a Native American, the Native American Heritage Commission shall be contacted within 24 hours. • All resources and data collected within the project site shall be permanently curated at an appropriate repository within the County. (General Plan EIR MM-CUL-1, updated)						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
CUL-2: If any prehistoric archaeological resources are encountered before or during grading, the developer shall retain a qualified archaeologist to monitor construction activities and to take appropriate measures to protect or preserve them for study. In the event Native American cultural resources are discovered, the archaeologist, in consultation with the applicant and City of Fontana Planning Department, shall implement Mitigation Measure TCR-1. With the assistance of the archaeologist, the City of Fontana shall: • Enact interim measures to protect undesignated sites from demolition or significant modification without an opportunity for the City to establish its archaeological value. • Consider establishing provisions to require incorporation of archaeological sites within new developments, using their special qualities at a theme or focal point. • Pursue educating the public about the area's archaeological heritage. • Propose mitigation measures and recommend conditions of approval (if a local government action) to eliminate adverse project effects on significant, important, and unique prehistoric resources, following appropriate CEQA guidelines. • Prepare a technical resources management report, documenting the inventory, evaluation, and proposed mitigation of resources within the project area. Submit one copy of the completed report, with original illustrations, to the San Bernardino	Ongoing during construction	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
County Archaeological Information Center for permanent archiving. (General Plan EIR MM-CUL-2)						
GEOLOGY AND SOILS						
GEO-1: If excavation activities would occur at a depth of greater than five feet on any site mapped as middle to late Pleistocene older alluvium at the surface, a qualified paleontologist shall conduct a pre-construction field survey. The paleontologist shall submit a report of findings that provides specific recommendations regarding further mitigation measures (i.e., paleontological monitoring) that may be appropriate to the City of Fontana Community Development Department. (General Plan EIR MM-CUL-4, updated)	Prior to the issuance of grading permits	Project proponent	City of Fontana Planning Department			
GEO-2: Should mitigation monitoring of paleontological resources be recommended for a specific project within the Project Area, the program shall include, but not be limited to, the following measures: • Assign a paleontological monitor, trained and equipped to allow the rapid removal of fossils with minimal construction delay, to the site full-time during the interval of earth-disturbing activities. • Should fossils be found within an area being cleared or graded, earth-disturbing activities shall be diverted elsewhere until the monitor has completed salvage. If construction personnel make the discovery, the grading contractor shalt immediately divert construction and notify the monitor of the find. • All recovered fossils shall be prepared, identified, and curated for documentation in the summary	Ongoing during construction	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
report and transferred to an appropriate depository (i.e., San Bernardino County Museum). • A summary report shall be submitted to City of Fontana. Collected specimens shall be transferred with copy of report to San Bernardino County Museum. (General Plan EIR MM-CUL-5)						
GREENHOUSE GAS EMISSIONS						
GHG-1: Prior to the issuance of building permits, future development projects shall demonstrate compliance with the SCAQMD threshold for greenhouse gas emissions in place at the time of individual project development, or if exceeding the applicable threshold, demonstrate the incorporation of project design features that achieve compliance with the SCAQMD threshold for greenhouse emissions in place at the time of individual project development to the maximum extent feasible. With regard to expansions/modifications of existing facilities, this mitigation measure shall be applied to the resulting incremental net increase in enclosed floor area. Future projects that exceed the SCAQMD threshold for greenhouse gas emissions in place at the time of individual project development shall include measures to reduce emissions, that may include, but not be limited to, the following list of potential design features (which includes measures for reducing GHG emissions related to Transportation and Motor Vehicles). *Energy Efficiency* • Design buildings to be energy efficient and exceed Title 24 requirements by at least 5 percent.	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
• Install efficient lighting and lighting control systems. Site and design buildings to take advantage of daylight. • Use trees, landscaping and sun screens on west and south exterior building walls to reduce energy use. • Install light colored "cool" roofs and cool pavements. • Provide information on energy management services for large energy users. • Install energy efficient heating and cooling systems (e.g., minimum of Energy Star rated equipment). • Implement design features to increase the efficiency of the building envelope (i.e., the barrier between conditioned and unconditioned spaces). • Install light emitting diodes (LEDs) for traffic, street and other outdoor lighting. • Limit the hours of operation of outdoor lighting. *Renewable Energy* • Install solar panels on carports and over parking areas. • Use combined heat and power in appropriate applications. *Water Conservation and Efficiency* • Create water-efficient landscapes with a preference for a xeriscape landscape palette.						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
• Install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls. • Design buildings to be water-efficient. Install water-efficient fixtures and appliances (e.g., EPA WaterSense labeled products). • Restrict watering methods (e.g., prohibit systems that apply water to non-vegetated surfaces) and control runoff. • Restrict the use of water for cleaning outdoor surfaces and vehicles. • Implement low-impact development practices that maintain the existing hydrologic character of the site to manage storm water and protect the environment (retaining storm water runoff on-site can drastically reduce the need for energy-intensive imported water at the site). • Devise a comprehensive water conservation strategy appropriate for the project and location. The strategy may include many of the specific items listed above, plus other innovative measures that are appropriate to the specific project. • Provide education about water conservation and available programs and incentives. *Solid Waste Measures* • Reuse and recycle construction and demolition waste (including, but not limited to, soil, vegetation, concrete, lumber, metal, and carboard).						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
• Provide interior and exterior storage areas for recyclables and green waste and adequate recycling containers located in public areas. • Provide education and publicity about reducing waste and available recycling services. *Transportation and Motor Vehicles* • Limit idling time for commercial vehicles, including delivery and construction vehicles. • Promote ride sharing programs (e.g., by designating certain percentage of parking spaces for ride sharing vehicles, designating adequate passenger loading and unloading and waiting areas for ride sharing vehicles, and providing a web site or message board for coordinating rides). • Creating local "light vehicle" networks, such as neighborhood electric vehicle (NEV) systems. • Provide the necessary facilities and infrastructure to encourage the use of low or zero-emission vehicles (e.g., electric vehicle charging facilities and conveniently located alternative fueling stations). • Promote "least polluting" ways to connect people and goods to their destinations. • Incorporate bicycle lanes and routes into street systems, new subdivisions, and large developments. • Incorporate bicycle-friendly intersections into street design. • For commercial projects, provide adequate bicycle parking near building entrances to promote cyclist						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
safety, security, and convenience. For large employers, provide facilities that encourage bicycle commuting (e.g., locked bicycle storage or covered or indoor bicycle parking). • Create bicycle lanes and walking paths directed to the location of schools, parks and other destination points. (General Plan EIR MM-GHG-1, updated)						
GHG-2: All future individual projects with the Project Area shall be required to construct future buildings to be solar or other clean energy technology compatible, and clean energy ready. Further, for individual structures proposed within the Project Area that are greater than 50,000 square feet, the developer shall ensure that the structure provides solar photovoltaic panel system(s) within 2 years of commencing operations where feasible.	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			
GHG-3: Prior to issuance of building permits, future individual project developers with more than 10 employees or more than 10 company vehicles shall submit a GHG Emissions Reduction Plan (ERP), at the discretion of the Planning Director, to the City of Fontana for review and approval. The objective of the plan shall be to reduce GHG emissions by a minimum of 10 percent. The GHG ERP shall consider and identify GHG emission reductions from the following emission source categories as part of the ERP: • Energy source reduction from measure GHG-1 • Implementation of Ride Sharing Program (Mobile Source) • Provision of electric vehicle charging stations (Level 2 or Level 3, Mobile Source)	Prior to the issuance of building permits	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
• Maintenance of an onsite bicycle sharing program (Mobile Source) • Establishment and support of a mass transit use program (including adjusting hours of operations to complement local mass transit operations, Mobile Source) • Provision of secure bicycle parking facilities (Mobile Source) • Acquisition of a minimum of one company electric vehicle or low NOx emission CNG vehicle, including truck(s) (Mobile source) • Install low demand water consumption systems, internally and outdoors (Water Usage source) • Implement a solid waste management system that achieves greater than 50 percent recycling (Waste Management Source) • Utilize construction equipment that can reduce GHG and NOx emissions a minimum of 5 percent (Construction Emissions Source).						
HAZARDS AND HAZARDOUS MATERIALS						
HAZ-1: The City shall require that new proposed facilities involved in the production, use, storage, transport or disposal of hazardous materials be located a safe distance from land uses that may be adversely impacted by such activities. Conversely, new sensitive facilities, such as child-care centers and senior centers, shall not to be located near	Prior to the issuance of building permits	City of Fontana	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
existing sites that use, store, or generate hazardous materials. (General Plan EIR MM-HAZ-1, updated)						
HAZ-2: The City shall require all businesses that handle hazardous materials above the reportable quantity to submit an inventory of the hazardous materials that they manage to the San Bernardino County Fire Department - Hazardous Materials Division in coordination with the Fontana Fire Protection District. (General Plan EIR MM-HAZ-3)	Ongoing during operations	Annual General Plan Status Report	Fontana Fire Protection District			
NOISE						
NOI-1: Prior to issuance of a grading permit, a developer shall contract for a site-specific noise study for a parcel within 200 feet of a sensitive use as identified within Goal 8 of the 2015-2035 General Plan. The noise study shall be performed by an acoustic consultant experienced in such studies and the consultant's qualifications and methodology to be used in the study must be presented to City staff for consideration. The site-specific acoustic study shall specifically identify potential noise impacts upon any proposed sensitive uses, as well as potential project impacts upon off-site sensitive uses due to construction, stationary and mobile noise sources. Mitigation shall be required if noise levels exceed 65 dBA, as identified in Goal 8 of the 2015-2035 General Plan. (General Plan EIR MM-NOI-1, updated)	Prior to the issuance of grading permit	Project proponent	City of Fontana Planning Department			
NOI-2: To reduce impacts related to heavy construction equipment moving and operating on site during project construction, grading, demolition, and paving prior to	Prior to issuance of grading permit	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
issuance of grading permits, the applicant shall ensure that the following procedures are followed: • Construction equipment, fixed or mobile, shall be properly outfitted and maintained with feasible noise-reduction devices to minimize construction generated noise. • Laydown and construction vehicle staging areas shall be located away from noise sensitive land uses if feasible. • Stationary noise sources such as generators shall be located away from noise sensitive land uses, if feasible. • Construction hours, allowable workdays, and the phone number of the job superintendent shall be clearly posted at all construction entrances to allow surrounding property owners to contact the job superintendent 24 hours a day to report noise and other nuisance-related issues, if necessary. The point of contact shall be available 24 hours a day, 7 days a week and have authority to commit additional assets to control dust after hours, on weekends, and on holidays. In the event that the City of Fontana receives a pattern of noise complaints, appropriate corrective actions shall be implemented, such as on- site noise monitoring during construction activities, and a report of the action shall be provided to the reporting party. (General Plan EIR MM-NOI-2)						
TRIBAL CULTURAL RESOURCES						
Refer to Mitigation Measure CUL-1						

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
Refer to Mitigation Measure CUL-2						
TCR-1: Site-specific development projects shall implement the following: • In the event Native American cultural resources are discovered during construction for future development, all work in the immediate vicinity of the find (within a 60-foot buffer) shall cease and a qualified archaeologist meeting Secretary of Interior standards shall be hired to assess the find. Work on the other portions of the project site outside of the buffered area may continue during this assessment period; • The archaeologist, in coordination with the applicant and City of Fontana Planning Department, shall contact the Yuhaaviatam of San Manuel National Cultural Resources Department (YSMN), as well as any other Native American tribal entity (as determined by a qualified archaeologist meeting Secretary of Interior standards) of any pre-contact and/or historic-era cultural resources discovered during project implementation. The Tribe(s) shall be provided information regarding the nature of the find, so as to provide Tribal input with regards to significance and treatment. Should the find be deemed significant, as defined by CEQA, a cultural resources Monitoring and Treatment Plan shall be created by the archaeologist, in coordination with YSMN and any other Tribe determined to have cultural affiliation to the area, and all subsequent finds shall be subject to this	Ongoing during construction	Project proponent	City of Fontana Planning Department			

Mitigation Measures	Implementation Timing	Responsible Party	Monitoring Party	Verification		
				Initials	Date	Remarks
Plan. A copy of the Plan shall be provided to the City of Fontana Planning Department. The Plan shall identify how Tribal Cultural Resources will be recovered and retained. This Plan shall allow for a monitor to be present that represents YSMN and/or other Tribe(s) determined to have cultural affiliation for the remainder of project activities associated with ground disturbance, should YSMN or another Tribe(s) elect to place a monitor on-site; • Any and all archaeological/cultural documents created as part of the project (isolate records, site records, survey reports, testing reports, etc.) shall be supplied to the applicant and City of Fontana Planning Department for dissemination to YSMN and other Tribe(s) determined to have cultural affiliation. (General Plan EIR MM-CUL-3, updated)						

Appendix A:

Air Quality, Energy, and Greenhouse Gas Emissions Updated Modeling Data

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

Fontana Downtown Core Project

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Figitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Demolition - Approximately up to 4,254,931 square feet to be demolished, according to Project applicant.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

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

tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58
tblLandUse	LotAcreage	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34

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

tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	3.4861	7.5684	21.9908	0.0738	7.4154	0.1731	7.5885	1.9054	0.1623	2.0677	0.0000	6,852.8092	6,852.8092	0.2725	0.3902	6,975.9048
2024	6.7277	14.7715	41.7438	0.1453	14.9449	0.3281	15.2729	3.8401	0.3073	4.1473	0.0000	13,485.6780	13,485.6780	0.5219	0.7597	13,725.1215
2025	6.4516	14.1062	38.7105	0.1374	16.8464	0.3202	17.1666	4.9373	0.2983	5.2357	0.0000	12,735.9445	12,735.9445	0.5016	0.6779	12,950.4995
2026	6.2865	14.1658	37.6687	0.1367	15.1919	0.3232	15.5151	4.1290	0.3010	4.4300	0.0000	12,648.2515	12,648.2515	0.5646	0.6533	12,857.0344
2027	6.0849	13.9223	35.8871	0.1333	15.1919	0.3196	15.5115	4.1290	0.2977	4.4267	0.0000	12,333.5133	12,333.5133	0.5454	0.6321	12,535.5198
2028	5.7016	11.9743	33.2290	0.1262	14.6058	0.2525	14.8582	3.8227	0.2359	4.0586	0.0000	11,698.4088	11,698.4088	0.4294	0.6108	11,891.1633
2029	5.4603	11.0197	31.5523	0.1223	13.4126	0.2196	13.6322	3.5886	0.2057	3.7943	0.0000	11,339.3936	11,339.3936	0.3689	0.5963	11,526.3007
2030	5.1608	9.1312	28.5447	0.1173	13.3915	0.1089	13.5004	3.5830	0.1037	3.6867	0.0000	10,881.1313	10,881.1313	0.2136	0.5810	11,059.6005
2031	4.9976	9.0069	27.6811	0.1151	13.3911	0.1048	13.4959	3.5829	0.0998	3.6827	0.0000	10,680.2805	10,680.2805	0.2022	0.5678	10,854.5273
2032	4.8725	8.9300	26.9521	0.1136	13.4424	0.1026	13.5450	3.5966	0.0978	3.6945	0.0000	10,541.2645	10,541.2645	0.1928	0.5585	10,712.5220
2033	4.7084	8.7709	26.0371	0.1111	13.3398	0.0995	13.4393	3.5692	0.0949	3.6641	0.0000	10,303.8446	10,303.8446	0.1825	0.5446	10,470.6985
2034	4.5949	8.6904	25.4026	0.1096	13.3398	0.0973	13.4371	3.5692	0.0929	3.6621	0.0000	10,165.0485	10,165.0485	0.1746	0.5362	10,329.1944
2035	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2036	4.5158	8.5765	25.0522	0.1091	13.4424	0.0871	13.5295	3.5966	0.0828	3.6795	0.0000	10,120.8835	10,120.8835	0.1679	0.5331	10,283.9533
2037	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2038	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2039	4.4813	8.5111	24.8610	0.1083	13.3398	0.0865	13.4262	3.5692	0.0822	3.6514	0.0000	10,043.6249	10,043.6249	0.1666	0.5291	10,205.4498
2040	4.1278	8.3161	23.1755	0.1044	13.3911	0.0777	13.4688	3.5829	0.0739	3.6568	0.0000	9,680.7941	9,680.7941	0.1424	0.5084	9,835.8479
Maximum	**6.7277**	**14.7715**	**41.7438**	**0.1453**	**16.8464**	**0.3281**	**17.1666**	**4.9373**	**0.3073**	**5.2357**	**0.0000**	**13,485.6780**	**13,485.6780**	**0.5646**	**0.7597**	**13,725.1215**

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

2.1 Overall Construction

Mitigated Construction

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	3.3703	6.2529	22.2576	0.0738	6.9870	0.1116	7.0985	1.8405	0.1060	1.9465	0.0000	6,852.8087	6,852.8087	0.2725	0.3902	6,975.9043
2024	6.4972	12.2132	42.2790	0.1453	14.0814	0.2081	14.2895	3.7093	0.1976	3.9069	0.0000	13,485.6771	13,485.6771	0.5219	0.7597	13,725.1206
2025	6.2101	11.3497	39.1664	0.1374	14.6897	0.1976	14.8873	4.0896	0.1861	4.2757	0.0000	12,735.9436	12,735.9436	0.5016	0.6779	12,950.4985
2026	6.0042	10.9288	38.6081	0.1367	14.0764	0.1873	14.2637	3.7900	0.1771	3.9671	0.0000	12,648.2502	12,648.2502	0.5645	0.6533	12,857.0332
2027	5.8026	10.6853	36.8265	0.1333	14.0764	0.1838	14.2601	3.7900	0.1738	3.9638	0.0000	12,333.5120	12,333.5120	0.5454	0.6321	12,535.5186
2028	5.5911	10.7011	33.6010	0.1262	13.8238	0.1986	14.0224	3.6671	0.1868	3.8539	0.0000	11,698.4079	11,698.4079	0.4294	0.6108	11,891.1624
2029	5.4326	10.6930	31.6508	0.1223	13.4126	0.2053	13.6179	3.5886	0.1927	3.7813	0.0000	11,339.3929	11,339.3929	0.3689	0.5963	11,526.3000
2030	5.1387	9.0654	28.6868	0.1173	13.3915	0.1068	13.4982	3.5830	0.1015	3.6845	0.0000	10,881.1308	10,881.1308	0.2136	0.5810	11,059.6000
2031	4.9755	8.9410	27.8232	0.1151	13.3911	0.1027	13.4938	3.5829	0.0977	3.6806	0.0000	10,680.2801	10,680.2801	0.2022	0.5678	10,854.5269
2032	4.8503	8.8639	27.0947	0.1136	13.4424	0.1005	13.5429	3.5966	0.0957	3.6923	0.0000	10,541.2641	10,541.2641	0.1928	0.5585	10,712.5216
2033	4.6864	8.7053	26.1786	0.1111	13.3398	0.0974	13.4371	3.5692	0.0928	3.6619	0.0000	10,303.8442	10,303.8442	0.1825	0.5446	10,470.6981
2034	4.5729	8.6248	25.5441	0.1096	13.3398	0.0952	13.4349	3.5692	0.0907	3.6599	0.0000	10,165.0480	10,165.0480	0.1746	0.5362	10,329.1939
2035	4.4793	8.5164	25.0992	0.1087	13.3911	0.0857	13.4768	3.5829	0.0814	3.6643	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2036	4.4964	8.5491	25.1953	0.1091	13.4424	0.0860	13.5284	3.5966	0.0818	3.6784	0.0000	10,120.8831	10,120.8831	0.1679	0.5331	10,283.9528
2037	4.4793	8.5164	25.0992	0.1087	13.3911	0.0857	13.4768	3.5829	0.0814	3.6643	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2038	4.4793	8.5164	25.0992	0.1087	13.3911	0.0857	13.4768	3.5829	0.0814	3.6643	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2039	4.4621	8.4838	25.0030	0.1083	13.3398	0.0854	13.4252	3.5692	0.0811	3.6503	0.0000	10,043.6244	10,043.6244	0.1666	0.5291	10,205.4494
2040	4.1096	8.3048	23.3180	0.1044	13.3911	0.0770	13.4681	3.5829	0.0732	3.6561	0.0000	9,680.7936	9,680.7936	0.1424	0.5084	9,835.8475
Maximum	**6.4972**	**12.2132**	**42.2790**	**0.1453**	**14.6897**	**0.2081**	**14.8873**	**4.0896**	**0.1976**	**4.2757**	**0.0000**	**13,485.6771**	**13,485.6771**	**0.5645**	**0.7597**	**13,725.1206**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	1.66	8.29	-0.99	0.00	2.64	22.32	2.87	2.85	21.74	3.62	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2023	9-30-2023	5.5487	4.8252
2	10-1-2023	12-31-2023	5.6381	4.9147
3	1-1-2024	3-31-2024	5.3829	4.6910
4	4-1-2024	6-30-2024	5.2926	4.6007
5	7-1-2024	9-30-2024	5.3508	4.6513
6	10-1-2024	12-31-2024	5.4420	4.7425
7	1-1-2025	3-31-2025	5.1056	4.3829
8	4-1-2025	6-30-2025	5.0832	4.3396
9	7-1-2025	9-30-2025	5.1390	4.3873
10	10-1-2025	12-31-2025	5.2431	4.4636
11	1-1-2026	3-31-2026	5.0863	4.2194
12	4-1-2026	6-30-2026	5.0601	4.1837
13	7-1-2026	9-30-2026	5.1157	4.2297
14	10-1-2026	12-31-2026	5.1993	4.3132
15	1-1-2027	3-31-2027	4.9760	4.1091
16	4-1-2027	6-30-2027	4.9481	4.0716
17	7-1-2027	9-30-2027	5.0024	4.1163
18	10-1-2027	12-31-2027	5.0865	4.2004
19	1-1-2028	3-31-2028	4.9339	4.0575
20	4-1-2028	6-30-2028	4.3696	4.0388
21	7-1-2028	9-30-2028	4.2016	4.1124
22	10-1-2028	12-31-2028	4.2860	4.1968
23	1-1-2029	3-31-2029	4.1047	4.0174

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

24	**4-1-2029**	**6-30-2029**	4.0663	3.9781
25	**7-1-2029**	**9-30-2029**	4.1110	4.0218
26	**10-1-2029**	**12-31-2029**	4.1959	4.1067
27	**1-1-2030**	**3-31-2030**	3.5721	3.5505
28	**4-1-2030**	**6-30-2030**	3.5150	3.4931
29	**7-1-2030**	**9-30-2030**	3.5537	3.5315
30	**10-1-2030**	**12-31-2030**	3.6390	3.6169
31	**1-1-2031**	**3-31-2031**	3.4913	3.4697
32	**4-1-2031**	**6-30-2031**	3.4451	3.4232
33	**7-1-2031**	**9-30-2031**	3.4830	3.4609
34	**10-1-2031**	**12-31-2031**	3.5689	3.5468
35	**1-1-2032**	**3-31-2032**	3.4650	3.4431
36	**4-1-2032**	**6-30-2032**	3.3794	3.3575
37	**7-1-2032**	**9-30-2032**	3.4166	3.3944
38	**10-1-2032**	**12-31-2032**	3.5031	3.4809
39	**1-1-2033**	**3-31-2033**	3.3715	3.3499
40	**4-1-2033**	**6-30-2033**	3.3227	3.3008
41	**7-1-2033**	**9-30-2033**	3.3592	3.3370
42	**10-1-2033**	**12-31-2033**	3.4465	3.4243
43	**1-1-2034**	**3-31-2034**	3.3222	3.3005
44	**4-1-2034**	**6-30-2034**	3.2717	3.2498
45	**7-1-2034**	**9-30-2034**	3.3077	3.2855
46	**10-1-2034**	**12-31-2034**	3.3960	3.3739
47	**1-1-2035**	**3-31-2035**	3.2485	3.2370
48	**4-1-2035**	**6-30-2035**	3.1961	3.1845
49	**7-1-2035**	**9-30-2035**	3.2313	3.2195
50	**10-1-2035**	**12-31-2035**	3.3207	3.3090
51	**1-1-2036**	**3-31-2036**	3.2846	3.2730
52	**4-1-2036**	**6-30-2036**	3.1961	3.1845

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

53	**7-1-2036**	**9-30-2036**	3.2313	3.2195
54	**10-1-2036**	**12-31-2036**	3.3207	3.3090
55	**1-1-2037**	**3-31-2037**	3.2485	3.2370
56	**4-1-2037**	**6-30-2037**	3.1961	3.1845
57	**7-1-2037**	**9-30-2037**	3.2313	3.2195
58	**10-1-2037**	**12-31-2037**	3.3207	3.3090
59	**1-1-2038**	**3-31-2038**	3.2485	3.2370
60	**4-1-2038**	**6-30-2038**	3.1961	3.1845
61	**7-1-2038**	**9-30-2038**	3.2313	3.2195
62	**10-1-2038**	**12-31-2038**	3.3207	3.3090
63	**1-1-2039**	**3-31-2039**	3.2485	3.2370
64	**4-1-2039**	**6-30-2039**	3.1961	3.1845
65	**7-1-2039**	**9-30-2039**	3.2313	3.2195
66	**10-1-2039**	**12-31-2039**	3.3207	3.3090
67	**1-1-2040**	**3-31-2040**	3.1304	3.1231
68	**4-1-2040**	**6-30-2040**	3.0368	3.0294
69	**7-1-2040**	**9-30-2040**	3.0701	3.0627
		Highest	5.6381	4.9147

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Energy	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	19,631.2776	19,631.2776	1.1717	0.2611	19,738.3811
Mobile	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Waste						0.0000	0.0000		0.0000	0.0000	1,648.9139	0.0000	1,648.9139	97.4480	0.0000	4,085.1143
Water						0.0000	0.0000		0.0000	0.0000	255.0766	2,847.6071	3,102.6837	26.4392	0.6477	3,956.6903
Total	**66.1913**	**26.8212**	**235.4659**	**0.3240**	**38.1168**	**1.1918**	**39.3086**	**10.1753**	**1.1815**	**11.3568**	**1,903.9904**	**48,378.7151**	**50,282.7055**	**126.8789**	**2.4487**	**54,184.3859**

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Energy	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	19,631.2776	19,631.2776	1.1717	0.2611	19,738.3811
Mobile	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Waste						0.0000	0.0000		0.0000	0.0000	1,648.9139	0.0000	1,648.9139	97.4480	0.0000	4,085.1143
Water						0.0000	0.0000		0.0000	0.0000	255.0766	2,847.6071	3,102.6837	26.4392	0.6477	3,956.6903
Total	**66.1913**	**26.8212**	**235.4659**	**0.3240**	**38.1168**	**1.1918**	**39.3086**	**10.1753**	**1.1815**	**11.3568**	**1,903.9904**	**48,378.7151**	**50,282.7055**	**126.8789**	**2.4487**	**54,184.3859**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	

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

4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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

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

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	19,353.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	7,132.00	1,392.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,426.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6806	0.0000	0.6806	0.1031	0.0000	0.1031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9484	220.9484	0.0619	0.0000	222.4954
Total	**0.1475**	**1.3965**	**1.2768**	**2.5200e-003**	**0.6806**	**0.0648**	**0.7455**	**0.1031**	**0.0603**	**0.1634**	**0.0000**	**220.9484**	**220.9484**	**0.0619**	**0.0000**	**222.4954**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3400e-003	0.3658	0.1061	1.7700e-003	0.0542	3.6400e-003	0.0578	0.0149	3.4800e-003	0.0184	0.0000	174.7615	174.7615	7.4400e-003	0.0277	183.2024
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	**0.0107**	**0.3683**	**0.1378**	**1.8600e-003**	**0.0649**	**3.6900e-003**	**0.0685**	**0.0177**	**3.5300e-003**	**0.0213**	**0.0000**	**183.0076**	**183.0076**	**7.6600e-003**	**0.0279**	**191.5215**

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

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2522	0.0000	0.2522	0.0382	0.0000	0.0382	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0477	0.2806	1.5001	2.5200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	220.9482	220.9482	0.0619	0.0000	222.4951
Total	**0.0477**	**0.2806**	**1.5001**	**2.5200e-003**	**0.2522**	**0.0118**	**0.2640**	**0.0382**	**0.0118**	**0.0500**	**0.0000**	**220.9482**	**220.9482**	**0.0619**	**0.0000**	**222.4951**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3400e-003	0.3658	0.1061	1.7700e-003	0.0542	3.6400e-003	0.0578	0.0149	3.4800e-003	0.0184	0.0000	174.7615	174.7615	7.4400e-003	0.0277	183.2024
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	**0.0107**	**0.3683**	**0.1378**	**1.8600e-003**	**0.0649**	**3.6900e-003**	**0.0685**	**0.0177**	**3.5300e-003**	**0.0213**	**0.0000**	**183.0076**	**183.0076**	**7.6600e-003**	**0.0279**	**191.5215**

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

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3717	0.0000	1.3717	0.2077	0.0000	0.2077	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633
Total	**0.2939**	**2.7350**	**2.5817**	**5.0900e-003**	**1.3717**	**0.1258**	**1.4975**	**0.2077**	**0.1169**	**0.3246**	**0.0000**	**445.3482**	**445.3482**	**0.1246**	**0.0000**	**448.4633**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0147	0.7397	0.2144	3.5000e-003	0.1092	7.2400e-003	0.1164	0.0300	6.9300e-003	0.0369	0.0000	346.0959	346.0959	0.0146	0.0549	362.8071
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	**0.0210**	**0.7442**	**0.2738**	**3.6800e-003**	**0.1307**	**7.3400e-003**	**0.1380**	**0.0357**	**7.0300e-003**	**0.0427**	**0.0000**	**362.2328**	**362.2328**	**0.0150**	**0.0553**	**379.0800**

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

3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5082	0.0000	0.5082	0.0770	0.0000	0.0770	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0934	0.5432	3.0223	5.0900e-003		0.0215	0.0215		0.0215	0.0215	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627
Total	**0.0934**	**0.5432**	**3.0223**	**5.0900e-003**	**0.5082**	**0.0215**	**0.5297**	**0.0770**	**0.0215**	**0.0984**	**0.0000**	**445.3477**	**445.3477**	**0.1246**	**0.0000**	**448.4627**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0147	0.7397	0.2144	3.5000e-003	0.1092	7.2400e-003	0.1164	0.0300	6.9300e-003	0.0369	0.0000	346.0959	346.0959	0.0146	0.0549	362.8071
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	**0.0210**	**0.7442**	**0.2738**	**3.6800e-003**	**0.1307**	**7.3400e-003**	**0.1380**	**0.0357**	**7.0300e-003**	**0.0427**	**0.0000**	**362.2328**	**362.2328**	**0.0150**	**0.0553**	**379.0800**

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

3.2 Demolition - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0419	0.0000	0.0419	6.3400e-003	0.0000	6.3400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5991	13.5991	3.8000e-003	0.0000	13.6940
Total	**8.3700e-003**	**0.0768**	**0.0777**	**1.6000e-004**	**0.0419**	**3.4100e-003**	**0.0453**	**6.3400e-003**	**3.1700e-003**	**9.5100e-003**	**0.0000**	**13.5991**	**13.5991**	**3.8000e-003**	**0.0000**	**13.6940**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.4000e-004	0.0224	6.5400e-003	1.0000e-004	3.3300e-003	2.2000e-004	3.5500e-003	9.2000e-004	2.1000e-004	1.1300e-003	0.0000	10.3425	10.3425	4.3000e-004	1.6400e-003	10.8418
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	**6.2000e-004**	**0.0225**	**8.2200e-003**	**1.1000e-004**	**3.9900e-003**	**2.2000e-004**	**4.2100e-003**	**1.0900e-003**	**2.1000e-004**	**1.3100e-003**	**0.0000**	**10.8184**	**10.8184**	**4.4000e-004**	**1.6500e-003**	**11.3216**

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

3.2 Demolition - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0155	0.0000	0.0155	2.3500e-003	0.0000	2.3500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7800e-003	0.0160	0.0923	1.6000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	13.5990	13.5990	3.8000e-003	0.0000	13.6940
Total	**2.7800e-003**	**0.0160**	**0.0923**	**1.6000e-004**	**0.0155**	**5.8000e-004**	**0.0161**	**2.3500e-003**	**5.8000e-004**	**2.9300e-003**	**0.0000**	**13.5990**	**13.5990**	**3.8000e-003**	**0.0000**	**13.6940**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.4000e-004	0.0224	6.5400e-003	1.0000e-004	3.3300e-003	2.2000e-004	3.5500e-003	9.2000e-004	2.1000e-004	1.1300e-003	0.0000	10.3425	10.3425	4.3000e-004	1.6400e-003	10.8418
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	**6.2000e-004**	**0.0225**	**8.2200e-003**	**1.1000e-004**	**3.9900e-003**	**2.2000e-004**	**4.2100e-003**	**1.0900e-003**	**2.1000e-004**	**1.3100e-003**	**0.0000**	**10.8184**	**10.8184**	**4.4000e-004**	**1.6500e-003**	**11.3216**

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

3.3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	**0.1022**	**0.9350**	**1.0559**	**1.7500e-003**		**0.0455**	**0.0455**		**0.0428**	**0.0428**	**0.0000**	**150.6731**	**150.6731**	**0.0358**	**0.0000**	**151.5692**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1020	3.3382	1.3514	0.0162	0.5706	0.0239	0.5945	0.1647	0.0229	0.1876	0.0000	1,576.9127	1,576.9127	0.0410	0.2330	1,647.3845
Worker	1.6144	1.2048	15.0434	0.0428	5.0830	0.0255	5.1085	1.3500	0.0235	1.3735	0.0000	3,920.7426	3,920.7426	0.1042	0.1077	3,955.4459
Total	**1.7164**	**4.5430**	**16.3948**	**0.0590**	**5.6536**	**0.0494**	**5.7031**	**1.5147**	**0.0463**	**1.5610**	**0.0000**	**5,497.6553**	**5,497.6553**	**0.1453**	**0.3408**	**5,602.8305**

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

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0863	0.7355	1.0994	1.7500e-003		0.0370	0.0370		0.0350	0.0350	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	**0.0863**	**0.7355**	**1.0994**	**1.7500e-003**		**0.0370**	**0.0370**		**0.0350**	**0.0350**	**0.0000**	**150.6729**	**150.6729**	**0.0358**	**0.0000**	**151.5690**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1020	3.3382	1.3514	0.0162	0.5706	0.0239	0.5945	0.1647	0.0229	0.1876	0.0000	1,576.9127	1,576.9127	0.0410	0.2330	1,647.3845
Worker	1.6144	1.2048	15.0434	0.0428	5.0830	0.0255	5.1085	1.3500	0.0235	1.3735	0.0000	3,920.7426	3,920.7426	0.1042	0.1077	3,955.4459
Total	**1.7164**	**4.5430**	**16.3948**	**0.0590**	**5.6536**	**0.0494**	**5.7031**	**1.5147**	**0.0463**	**1.5610**	**0.0000**	**5,497.6553**	**5,497.6553**	**0.1453**	**0.3408**	**5,602.8305**

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

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	**0.1928**	**1.7611**	**2.1179**	**3.5300e-003**		**0.0803**	**0.0803**		**0.0756**	**0.0756**	**0.0000**	**303.7223**	**303.7223**	**0.0718**	**0.0000**	**305.5179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2009	6.7880	2.6787	0.0322	1.1500	0.0474	1.1975	0.3319	0.0454	0.3773	0.0000	3,134.3303	3,134.3303	0.0802	0.4631	3,274.3418
Worker	3.0247	2.1530	28.2135	0.0837	10.2442	0.0493	10.2935	2.7207	0.0454	2.7661	0.0000	7,672.5225	7,672.5225	0.1903	0.2011	7,737.2148
Total	**3.2256**	**8.9410**	**30.8922**	**0.1159**	**11.3942**	**0.0967**	**11.4910**	**3.0527**	**0.0908**	**3.1434**	**0.0000**	**10,806.8529**	**10,806.8529**	**0.2705**	**0.6642**	**11,011.5566**

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

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1629	1.3947	2.2124	3.5300e-003		0.0647	0.0647		0.0613	0.0613	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	**0.1629**	**1.3947**	**2.2124**	**3.5300e-003**		**0.0647**	**0.0647**		**0.0613**	**0.0613**	**0.0000**	**303.7220**	**303.7220**	**0.0718**	**0.0000**	**305.5175**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2009	6.7880	2.6787	0.0322	1.1500	0.0474	1.1975	0.3319	0.0454	0.3773	0.0000	3,134.3303	3,134.3303	0.0802	0.4631	3,274.3418
Worker	3.0247	2.1530	28.2135	0.0837	10.2442	0.0493	10.2935	2.7207	0.0454	2.7661	0.0000	7,672.5225	7,672.5225	0.1903	0.2011	7,737.2148
Total	**3.2256**	**8.9410**	**30.8922**	**0.1159**	**11.3942**	**0.0967**	**11.4910**	**3.0527**	**0.0908**	**3.1434**	**0.0000**	**10,806.8529**	**10,806.8529**	**0.2705**	**0.6642**	**11,011.5566**

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

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1962	6.7212	2.6269	0.0315	1.1456	0.0472	1.1928	0.3307	0.0451	0.3758	0.0000	3,061.6941	3,061.6941	0.0776	0.4521	3,198.3615
Worker	2.8054	1.9123	26.0661	0.0805	10.2051	0.0466	10.2517	2.7104	0.0429	2.7533	0.0000	7,382.5623	7,382.5623	0.1709	0.1864	7,442.3857
Total	**3.0016**	**8.6334**	**28.6930**	**0.1120**	**11.3507**	**0.0938**	**11.4445**	**3.0410**	**0.0880**	**3.1291**	**0.0000**	**10,444.2565**	**10,444.2565**	**0.2485**	**0.6385**	**10,640.7471**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1508**	**1.3006**	**2.1976**	**3.5200e-003**		**0.0546**	**0.0546**		**0.0517**	**0.0517**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1962	6.7212	2.6269	0.0315	1.1456	0.0472	1.1928	0.3307	0.0451	0.3758	0.0000	3,061.6941	3,061.6941	0.0776	0.4521	3,198.3615
Worker	2.8054	1.9123	26.0661	0.0805	10.2051	0.0466	10.2517	2.7104	0.0429	2.7533	0.0000	7,382.5623	7,382.5623	0.1709	0.1864	7,442.3857
Total	**3.0016**	**8.6334**	**28.6930**	**0.1120**	**11.3507**	**0.0938**	**11.4445**	**3.0410**	**0.0880**	**3.1291**	**0.0000**	**10,444.2565**	**10,444.2565**	**0.2485**	**0.6385**	**10,640.7471**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1928	6.6709	2.5922	0.0309	1.1456	0.0469	1.1925	0.3307	0.0448	0.3755	0.0000	3,000.8739	3,000.8739	0.0752	0.4428	3,134.7205
Worker	2.6252	1.7224	24.3652	0.0780	10.2051	0.0442	10.2493	2.7104	0.0407	2.7510	0.0000	7,150.3718	7,150.3718	0.1549	0.1749	7,206.3778
Total	**2.8180**	**8.3933**	**26.9574**	**0.1088**	**11.3507**	**0.0911**	**11.4418**	**3.0410**	**0.0855**	**3.1265**	**0.0000**	**10,151.2457**	**10,151.2457**	**0.2301**	**0.6178**	**10,341.0982**

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

3.3 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1508**	**1.3006**	**2.1976**	**3.5200e-003**		**0.0546**	**0.0546**		**0.0517**	**0.0517**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1928	6.6709	2.5922	0.0309	1.1456	0.0469	1.1925	0.3307	0.0448	0.3755	0.0000	3,000.8739	3,000.8739	0.0752	0.4428	3,134.7205
Worker	2.6252	1.7224	24.3652	0.0780	10.2051	0.0442	10.2493	2.7104	0.0407	2.7510	0.0000	7,150.3718	7,150.3718	0.1549	0.1749	7,206.3778
Total	**2.8180**	**8.3933**	**26.9574**	**0.1088**	**11.3507**	**0.0911**	**11.4418**	**3.0410**	**0.0855**	**3.1265**	**0.0000**	**10,151.2457**	**10,151.2457**	**0.2301**	**0.6178**	**10,341.0982**

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

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.6201	2.5624	0.0302	1.1456	0.0466	1.1922	0.3307	0.0445	0.3752	0.0000	2,937.4352	2,937.4352	0.0727	0.4333	3,068.3704
Worker	2.4600	1.5621	22.9087	0.0757	10.2051	0.0415	10.2466	2.7104	0.0382	2.7485	0.0000	6,941.4341	6,941.4341	0.1411	0.1653	6,994.2265
Total	**2.6498**	**8.1823**	**25.4711**	**0.1059**	**11.3507**	**0.0881**	**11.4388**	**3.0410**	**0.0827**	**3.1237**	**0.0000**	**9,878.8692**	**9,878.8692**	**0.2138**	**0.5986**	**10,062.5969**

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

3.3 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1508**	**1.3006**	**2.1976**	**3.5200e-003**		**0.0546**	**0.0546**		**0.0517**	**0.0517**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.6201	2.5624	0.0302	1.1456	0.0466	1.1922	0.3307	0.0445	0.3752	0.0000	2,937.4352	2,937.4352	0.0727	0.4333	3,068.3704
Worker	2.4600	1.5621	22.9087	0.0757	10.2051	0.0415	10.2466	2.7104	0.0382	2.7485	0.0000	6,941.4341	6,941.4341	0.1411	0.1653	6,994.2265
Total	**2.6498**	**8.1823**	**25.4711**	**0.1059**	**11.3507**	**0.0881**	**11.4388**	**3.0410**	**0.0827**	**3.1237**	**0.0000**	**9,878.8692**	**9,878.8692**	**0.2138**	**0.5986**	**10,062.5969**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	**0.1778**	**1.6211**	**2.0910**	**3.5000e-003**		**0.0686**	**0.0686**		**0.0645**	**0.0645**	**0.0000**	**301.4953**	**301.4953**	**0.0709**	**0.0000**	**303.2671**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1867	6.5560	2.5291	0.0295	1.1412	0.0461	1.1873	0.3294	0.0441	0.3735	0.0000	2,865.8208	2,865.8208	0.0704	0.4224	2,993.4611
Worker	2.2987	1.4222	21.6083	0.0734	10.1660	0.0386	10.2046	2.7000	0.0355	2.7355	0.0000	6,729.8012	6,729.8012	0.1287	0.1567	6,779.7130
Total	**2.4853**	**7.9782**	**24.1373**	**0.1029**	**11.3072**	**0.0847**	**11.3919**	**3.0294**	**0.0796**	**3.1090**	**0.0000**	**9,595.6220**	**9,595.6220**	**0.1991**	**0.5791**	**9,773.1741**

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

3.3 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1502	1.2957	2.1892	3.5000e-003		0.0543	0.0543		0.0515	0.0515	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	**0.1502**	**1.2957**	**2.1892**	**3.5000e-003**		**0.0543**	**0.0543**		**0.0515**	**0.0515**	**0.0000**	**301.4949**	**301.4949**	**0.0709**	**0.0000**	**303.2667**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1867	6.5560	2.5291	0.0295	1.1412	0.0461	1.1873	0.3294	0.0441	0.3735	0.0000	2,865.8208	2,865.8208	0.0704	0.4224	2,993.4611
Worker	2.2987	1.4222	21.6083	0.0734	10.1660	0.0386	10.2046	2.7000	0.0355	2.7355	0.0000	6,729.8012	6,729.8012	0.1287	0.1567	6,779.7130
Total	**2.4853**	**7.9782**	**24.1373**	**0.1029**	**11.3072**	**0.0847**	**11.3919**	**3.0294**	**0.0796**	**3.1090**	**0.0000**	**9,595.6220**	**9,595.6220**	**0.1991**	**0.5791**	**9,773.1741**

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

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1853	6.5461	2.5181	0.0290	1.1456	0.0460	1.1916	0.3306	0.0440	0.3747	0.0000	2,820.0968	2,820.0968	0.0687	0.4154	2,945.5964
Worker	2.1612	1.3119	20.6286	0.0719	10.2051	0.0361	10.2412	2.7104	0.0332	2.7436	0.0000	6,590.4827	6,590.4827	0.1188	0.1505	6,638.2937
Total	**2.3465**	**7.8579**	**23.1468**	**0.1009**	**11.3507**	**0.0822**	**11.4329**	**3.0410**	**0.0773**	**3.1183**	**0.0000**	**9,410.5795**	**9,410.5795**	**0.1874**	**0.5659**	**9,583.8901**

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

3.3 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1508**	**1.3006**	**2.1976**	**3.5200e-003**		**0.0546**	**0.0546**		**0.0517**	**0.0517**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1853	6.5461	2.5181	0.0290	1.1456	0.0460	1.1916	0.3306	0.0440	0.3747	0.0000	2,820.0968	2,820.0968	0.0687	0.4154	2,945.5964
Worker	2.1612	1.3119	20.6286	0.0719	10.2051	0.0361	10.2412	2.7104	0.0332	2.7436	0.0000	6,590.4827	6,590.4827	0.1188	0.1505	6,638.2937
Total	**2.3465**	**7.8579**	**23.1468**	**0.1009**	**11.3507**	**0.0822**	**11.4329**	**3.0410**	**0.0773**	**3.1183**	**0.0000**	**9,410.5795**	**9,410.5795**	**0.1874**	**0.5659**	**9,583.8901**

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

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	**0.1708**	**1.0355**	**2.1085**	**4.0400e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**343.0336**	**343.0336**	**0.0138**	**0.0000**	**343.3777**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1836	6.5145	2.5021	0.0285	1.1456	0.0458	1.1914	0.3306	0.0438	0.3745	0.0000	2,767.2542	2,767.2542	0.0668	0.4073	2,890.3019
Worker	2.0247	1.2128	19.7236	0.0703	10.2051	0.0337	10.2388	2.7104	0.0310	2.7414	0.0000	6,444.0477	6,444.0477	0.1096	0.1447	6,489.9138
Total	**2.2084**	**7.7272**	**22.2257**	**0.0988**	**11.3507**	**0.0795**	**11.4302**	**3.0410**	**0.0748**	**3.1158**	**0.0000**	**9,211.3019**	**9,211.3019**	**0.1764**	**0.5520**	**9,380.2156**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1487	0.9696	2.2506	4.0400e-003		0.0172	0.0172		0.0172	0.0172	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.1487**	**0.9696**	**2.2506**	**4.0400e-003**		**0.0172**	**0.0172**		**0.0172**	**0.0172**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1836	6.5145	2.5021	0.0285	1.1456	0.0458	1.1914	0.3306	0.0438	0.3745	0.0000	2,767.2542	2,767.2542	0.0668	0.4073	2,890.3019
Worker	2.0247	1.2128	19.7236	0.0703	10.2051	0.0337	10.2388	2.7104	0.0310	2.7414	0.0000	6,444.0477	6,444.0477	0.1096	0.1447	6,489.9138
Total	**2.2084**	**7.7272**	**22.2257**	**0.0988**	**11.3507**	**0.0795**	**11.4302**	**3.0410**	**0.0748**	**3.1158**	**0.0000**	**9,211.3019**	**9,211.3019**	**0.1764**	**0.5520**	**9,380.2156**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	**0.1708**	**1.0355**	**2.1085**	**4.0400e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**343.0336**	**343.0336**	**0.0138**	**0.0000**	**343.3777**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1824	6.5091	2.4950	0.0280	1.1456	0.0448	1.1904	0.3306	0.0428	0.3735	0.0000	2,719.5974	2,719.5974	0.0651	0.4000	2,840.4122
Worker	1.8921	1.1256	19.0368	0.0689	10.2051	0.0317	10.2368	2.7104	0.0292	2.7395	0.0000	6,320.5700	6,320.5700	0.1017	0.1398	6,364.7840
Total	**2.0745**	**7.6346**	**21.5317**	**0.0969**	**11.3507**	**0.0765**	**11.4272**	**3.0410**	**0.0720**	**3.1130**	**0.0000**	**9,040.1674**	**9,040.1674**	**0.1668**	**0.5398**	**9,205.1962**

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

3.3 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1487	0.9696	2.2506	4.0400e-003		0.0172	0.0172		0.0172	0.0172	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.1487**	**0.9696**	**2.2506**	**4.0400e-003**		**0.0172**	**0.0172**		**0.0172**	**0.0172**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1824	6.5091	2.4950	0.0280	1.1456	0.0448	1.1904	0.3306	0.0428	0.3735	0.0000	2,719.5974	2,719.5974	0.0651	0.4000	2,840.4122
Worker	1.8921	1.1256	19.0368	0.0689	10.2051	0.0317	10.2368	2.7104	0.0292	2.7395	0.0000	6,320.5700	6,320.5700	0.1017	0.1398	6,364.7840
Total	**2.0745**	**7.6346**	**21.5317**	**0.0969**	**11.3507**	**0.0765**	**11.4272**	**3.0410**	**0.0720**	**3.1130**	**0.0000**	**9,040.1674**	**9,040.1674**	**0.1668**	**0.5398**	**9,205.1962**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	**0.1715**	**1.0394**	**2.1166**	**4.0600e-003**		**0.0194**	**0.0194**		**0.0194**	**0.0194**	**0.0000**	**344.3479**	**344.3479**	**0.0138**	**0.0000**	**344.6933**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1823	6.5106	2.4994	0.0277	1.1500	0.0448	1.1948	0.3319	0.0429	0.3748	0.0000	2,687.9914	2,687.9914	0.0638	0.3950	2,807.3041
Worker	1.7798	1.0566	18.4181	0.0679	10.2442	0.0298	10.2740	2.7207	0.0274	2.7482	0.0000	6,229.8558	6,229.8558	0.0949	0.1363	6,272.8291
Total	**1.9621**	**7.5671**	**20.9174**	**0.0956**	**11.3942**	**0.0746**	**11.4687**	**3.0526**	**0.0703**	**3.1229**	**0.0000**	**8,917.8472**	**8,917.8472**	**0.1587**	**0.5313**	**9,080.1332**

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

3.3 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1493	0.9733	2.2592	4.0600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	**0.1493**	**0.9733**	**2.2592**	**4.0600e-003**		**0.0172**	**0.0172**		**0.0172**	**0.0172**	**0.0000**	**344.3475**	**344.3475**	**0.0138**	**0.0000**	**344.6929**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1823	6.5106	2.4994	0.0277	1.1500	0.0448	1.1948	0.3319	0.0429	0.3748	0.0000	2,687.9914	2,687.9914	0.0638	0.3950	2,807.3041
Worker	1.7798	1.0566	18.4181	0.0679	10.2442	0.0298	10.2740	2.7207	0.0274	2.7482	0.0000	6,229.8558	6,229.8558	0.0949	0.1363	6,272.8291
Total	**1.9621**	**7.5671**	**20.9174**	**0.0956**	**11.3942**	**0.0746**	**11.4687**	**3.0526**	**0.0703**	**3.1229**	**0.0000**	**8,917.8472**	**8,917.8472**	**0.1587**	**0.5313**	**9,080.1332**

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

3.3 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	**0.1702**	**1.0315**	**2.1004**	**4.0200e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**341.7193**	**341.7193**	**0.0137**	**0.0000**	**342.0621**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.4420	2.4786	0.0271	1.1412	0.0443	1.1855	0.3294	0.0424	0.3718	0.0000	2,630.9232	2,630.9232	0.0620	0.3864	2,747.6227
Worker	1.6608	0.9884	17.6878	0.0663	10.1660	0.0277	10.1937	2.7000	0.0255	2.7255	0.0000	6,081.9591	6,081.9591	0.0879	0.1318	6,123.4428
Total	**1.8413**	**7.4304**	**20.1664**	**0.0934**	**11.3072**	**0.0721**	**11.3792**	**3.0293**	**0.0679**	**3.0973**	**0.0000**	**8,712.8823**	**8,712.8823**	**0.1499**	**0.5182**	**8,871.0655**

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

3.3 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	0.9659	2.2419	4.0200e-003		0.0171	0.0171		0.0171	0.0171	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.1482**	**0.9659**	**2.2419**	**4.0200e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.4420	2.4786	0.0271	1.1412	0.0443	1.1855	0.3294	0.0424	0.3718	0.0000	2,630.9232	2,630.9232	0.0620	0.3864	2,747.6227
Worker	1.6608	0.9884	17.6878	0.0663	10.1660	0.0277	10.1937	2.7000	0.0255	2.7255	0.0000	6,081.9591	6,081.9591	0.0879	0.1318	6,123.4428
Total	**1.8413**	**7.4304**	**20.1664**	**0.0934**	**11.3072**	**0.0721**	**11.3792**	**3.0293**	**0.0679**	**3.0973**	**0.0000**	**8,712.8823**	**8,712.8823**	**0.1499**	**0.5182**	**8,871.0655**

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

3.3 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	**0.1702**	**1.0315**	**2.1004**	**4.0200e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**341.7193**	**341.7193**	**0.0137**	**0.0000**	**342.0621**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1801	6.4216	2.4780	0.0268	1.1412	0.0441	1.1853	0.3294	0.0422	0.3716	0.0000	2,598.0143	2,598.0143	0.0608	0.3814	2,713.1782
Worker	1.5665	0.9384	17.1596	0.0654	10.1660	0.0261	10.1920	2.7000	0.0240	2.7239	0.0000	5,993.7156	5,993.7156	0.0823	0.1290	6,034.2222
Total	**1.7466**	**7.3600**	**19.6376**	**0.0921**	**11.3072**	**0.0702**	**11.3774**	**3.0293**	**0.0662**	**3.0955**	**0.0000**	**8,591.7299**	**8,591.7299**	**0.1431**	**0.5104**	**8,747.4004**

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

3.3 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	0.9659	2.2419	4.0200e-003		0.0171	0.0171		0.0171	0.0171	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.1482**	**0.9659**	**2.2419**	**4.0200e-003**		**0.0171**	**0.0171**		**0.0171**	**0.0171**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1801	6.4216	2.4780	0.0268	1.1412	0.0441	1.1853	0.3294	0.0422	0.3716	0.0000	2,598.0143	2,598.0143	0.0608	0.3814	2,713.1782
Worker	1.5665	0.9384	17.1596	0.0654	10.1660	0.0261	10.1920	2.7000	0.0240	2.7239	0.0000	5,993.7156	5,993.7156	0.0823	0.1290	6,034.2222
Total	**1.7466**	**7.3600**	**19.6376**	**0.0921**	**11.3072**	**0.0702**	**11.3774**	**3.0293**	**0.0662**	**3.0955**	**0.0000**	**8,591.7299**	**8,591.7299**	**0.1431**	**0.5104**	**8,747.4004**

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

3.3 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	**1.6697**	**7.3298**	**19.2645**	**0.0913**	**11.3507**	**0.0688**	**11.4194**	**3.0410**	**0.0649**	**3.1059**	**0.0000**	**8,518.3121**	**8,518.3121**	**0.1377**	**0.5056**	**8,672.4348**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.1395**	**0.9072**	**2.2460**	**4.0400e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	**1.6697**	**7.3298**	**19.2645**	**0.0913**	**11.3507**	**0.0688**	**11.4194**	**3.0410**	**0.0649**	**3.1059**	**0.0000**	**8,518.3121**	**8,518.3121**	**0.1377**	**0.5056**	**8,672.4348**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	**0.1594**	**0.9381**	**2.1114**	**4.0600e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**344.3479**	**344.3479**	**0.0128**	**0.0000**	**344.6686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1812	6.4511	2.4967	0.0267	1.1500	0.0443	1.1943	0.3319	0.0424	0.3743	0.0000	2,588.5840	2,588.5840	0.0602	0.3798	2,703.2611
Worker	1.4949	0.9067	16.8416	0.0650	10.2442	0.0247	10.2689	2.7207	0.0228	2.7435	0.0000	5,962.3653	5,962.3653	0.0781	0.1278	6,002.4014
Total	**1.6761**	**7.3579**	**19.3383**	**0.0917**	**11.3941**	**0.0690**	**11.4632**	**3.0526**	**0.0651**	**3.1178**	**0.0000**	**8,550.9493**	**8,550.9493**	**0.1382**	**0.5076**	**8,705.6625**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1400	0.9106	2.2546	4.0600e-003		0.0108	0.0108		0.0108	0.0108	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	**0.1400**	**0.9106**	**2.2546**	**4.0600e-003**		**0.0108**	**0.0108**		**0.0108**	**0.0108**	**0.0000**	**344.3475**	**344.3475**	**0.0128**	**0.0000**	**344.6682**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1812	6.4511	2.4967	0.0267	1.1500	0.0443	1.1943	0.3319	0.0424	0.3743	0.0000	2,588.5840	2,588.5840	0.0602	0.3798	2,703.2611
Worker	1.4949	0.9067	16.8416	0.0650	10.2442	0.0247	10.2689	2.7207	0.0228	2.7435	0.0000	5,962.3653	5,962.3653	0.0781	0.1278	6,002.4014
Total	**1.6761**	**7.3579**	**19.3383**	**0.0917**	**11.3941**	**0.0690**	**11.4632**	**3.0526**	**0.0651**	**3.1178**	**0.0000**	**8,550.9493**	**8,550.9493**	**0.1382**	**0.5076**	**8,705.6625**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	**1.6697**	**7.3298**	**19.2645**	**0.0913**	**11.3507**	**0.0688**	**11.4194**	**3.0410**	**0.0649**	**3.1059**	**0.0000**	**8,518.3121**	**8,518.3121**	**0.1377**	**0.5056**	**8,672.4348**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.1395**	**0.9072**	**2.2460**	**4.0400e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	**1.6697**	**7.3298**	**19.2645**	**0.0913**	**11.3507**	**0.0688**	**11.4194**	**3.0410**	**0.0649**	**3.1059**	**0.0000**	**8,518.3121**	**8,518.3121**	**0.1377**	**0.5056**	**8,672.4348**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	**1.6697**	**7.3298**	**19.2645**	**0.0913**	**11.3507**	**0.0688**	**11.4194**	**3.0410**	**0.0649**	**3.1059**	**0.0000**	**8,518.3121**	**8,518.3121**	**0.1377**	**0.5056**	**8,672.4348**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.1395**	**0.9072**	**2.2460**	**4.0400e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	**1.6697**	**7.3298**	**19.2645**	**0.0913**	**11.3507**	**0.0688**	**11.4194**	**3.0410**	**0.0649**	**3.1059**	**0.0000**	**8,518.3121**	**8,518.3121**	**0.1377**	**0.5056**	**8,672.4348**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	**0.1582**	**0.9310**	**2.0953**	**4.0200e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**341.7193**	**341.7193**	**0.0127**	**0.0000**	**342.0375**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1798	6.4019	2.4777	0.0265	1.1412	0.0440	1.1851	0.3294	0.0421	0.3714	0.0000	2,568.8238	2,568.8238	0.0597	0.3769	2,682.6256
Worker	1.4835	0.8998	16.7130	0.0645	10.1660	0.0246	10.1905	2.7000	0.0226	2.7226	0.0000	5,916.8511	5,916.8511	0.0775	0.1268	5,956.5816
Total	**1.6633**	**7.3017**	**19.1907**	**0.0910**	**11.3072**	**0.0685**	**11.3757**	**3.0293**	**0.0646**	**3.0940**	**0.0000**	**8,485.6749**	**8,485.6749**	**0.1372**	**0.5037**	**8,639.2071**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1390	0.9037	2.2374	4.0200e-003		0.0107	0.0107		0.0107	0.0107	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	**0.1390**	**0.9037**	**2.2374**	**4.0200e-003**		**0.0107**	**0.0107**		**0.0107**	**0.0107**	**0.0000**	**341.7189**	**341.7189**	**0.0127**	**0.0000**	**342.0371**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1798	6.4019	2.4777	0.0265	1.1412	0.0440	1.1851	0.3294	0.0421	0.3714	0.0000	2,568.8238	2,568.8238	0.0597	0.3769	2,682.6256
Worker	1.4835	0.8998	16.7130	0.0645	10.1660	0.0246	10.1905	2.7000	0.0226	2.7226	0.0000	5,916.8511	5,916.8511	0.0775	0.1268	5,956.5816
Total	**1.6633**	**7.3017**	**19.1907**	**0.0910**	**11.3072**	**0.0685**	**11.3757**	**3.0293**	**0.0646**	**3.0940**	**0.0000**	**8,485.6749**	**8,485.6749**	**0.1372**	**0.5037**	**8,639.2071**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	**0.1562**	**0.8992**	**2.1035**	**4.0400e-003**		**9.6200e-003**	**9.6200e-003**		**9.6200e-003**	**9.6200e-003**	**0.0000**	**343.0337**	**343.0337**	**0.0123**	**0.0000**	**343.3419**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.3809	2.4903	0.0256	1.1456	0.0438	1.1893	0.3306	0.0419	0.3725	0.0000	2,479.4567	2,479.4567	0.0555	0.3633	2,589.1129
Worker	1.1828	0.7843	15.2906	0.0620	10.2051	0.0194	10.2245	2.7104	0.0179	2.7283	0.0000	5,687.7523	5,687.7523	0.0612	0.1209	5,725.3042
Total	**1.3632**	**7.1652**	**17.7809**	**0.0876**	**11.3506**	**0.0632**	**11.4138**	**3.0410**	**0.0598**	**3.1007**	**0.0000**	**8,167.2090**	**8,167.2090**	**0.1167**	**0.4842**	**8,314.4171**

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

3.3 Building Construction - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1380	0.8879	2.2459	4.0400e-003		8.9500e-003	8.9500e-003		8.9500e-003	8.9500e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	**0.1380**	**0.8879**	**2.2459**	**4.0400e-003**		**8.9500e-003**	**8.9500e-003**		**8.9500e-003**	**8.9500e-003**	**0.0000**	**343.0333**	**343.0333**	**0.0123**	**0.0000**	**343.3415**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.3809	2.4903	0.0256	1.1456	0.0438	1.1893	0.3306	0.0419	0.3725	0.0000	2,479.4567	2,479.4567	0.0555	0.3633	2,589.1129
Worker	1.1828	0.7843	15.2906	0.0620	10.2051	0.0194	10.2245	2.7104	0.0179	2.7283	0.0000	5,687.7523	5,687.7523	0.0612	0.1209	5,725.3042
Total	**1.3632**	**7.1652**	**17.7809**	**0.0876**	**11.3506**	**0.0632**	**11.4138**	**3.0410**	**0.0598**	**3.1007**	**0.0000**	**8,167.2090**	**8,167.2090**	**0.1167**	**0.4842**	**8,314.4171**

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

3.4 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	tons/yr										MT/yr					
Archit. Coating	1.1740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5962	16.5962	9.9000e-004	0.0000	16.6210
Total	**1.1864**	**0.0847**	**0.1177**	**1.9000e-004**		**4.6000e-003**	**4.6000e-003**		**4.6000e-003**	**4.6000e-003**	**0.0000**	**16.5962**	**16.5962**	**9.9000e-004**	**0.0000**	**16.6210**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673
Total	**0.3228**	**0.2409**	**3.0078**	**8.5500e-003**	**1.0163**	**5.1000e-003**	**1.0214**	**0.2699**	**4.7000e-003**	**0.2746**	**0.0000**	**783.9286**	**783.9286**	**0.0208**	**0.0215**	**790.8673**

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

3.4 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5961	16.5961	9.9000e-004	0.0000	16.6210
Total	**1.1864**	**0.0847**	**0.1177**	**1.9000e-004**		**4.6000e-003**	**4.6000e-003**		**4.6000e-003**	**4.6000e-003**	**0.0000**	**16.5961**	**16.5961**	**9.9000e-004**	**0.0000**	**16.6210**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673
Total	**0.3228**	**0.2409**	**3.0078**	**8.5500e-003**	**1.0163**	**5.1000e-003**	**1.0214**	**0.2699**	**4.7000e-003**	**0.2746**	**0.0000**	**783.9286**	**783.9286**	**0.0208**	**0.0215**	**790.8673**

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

3.4 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	**2.3896**	**0.1597**	**0.2371**	**3.9000e-004**		**7.9800e-003**	**7.9800e-003**		**7.9800e-003**	**7.9800e-003**	**0.0000**	**33.4476**	**33.4476**	**1.8800e-003**	**0.0000**	**33.4947**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090
Total	**0.6048**	**0.4305**	**5.6411**	**0.0167**	**2.0483**	**9.8600e-003**	**2.0581**	**0.5440**	**9.0800e-003**	**0.5531**	**0.0000**	**1,534.0742**	**1,534.0742**	**0.0381**	**0.0402**	**1,547.0090**

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

3.4 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	**2.3896**	**0.1597**	**0.2371**	**3.9000e-004**		**7.9800e-003**	**7.9800e-003**		**7.9800e-003**	**7.9800e-003**	**0.0000**	**33.4476**	**33.4476**	**1.8800e-003**	**0.0000**	**33.4947**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090
Total	**0.6048**	**0.4305**	**5.6411**	**0.0167**	**2.0483**	**9.8600e-003**	**2.0581**	**0.5440**	**9.0800e-003**	**0.5531**	**0.0000**	**1,534.0742**	**1,534.0742**	**0.0381**	**0.0402**	**1,547.0090**

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

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3654**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597
Total	**0.5609**	**0.3824**	**5.2118**	**0.0161**	**2.0405**	**9.3300e-003**	**2.0498**	**0.5419**	**8.5800e-003**	**0.5505**	**0.0000**	**1,476.0984**	**1,476.0984**	**0.0342**	**0.0373**	**1,488.0597**

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

3.4 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3199**	**33.3199**	**1.8200e-003**	**0.0000**	**33.3654**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597
Total	**0.5609**	**0.3824**	**5.2118**	**0.0161**	**2.0405**	**9.3300e-003**	**2.0498**	**0.5419**	**8.5800e-003**	**0.5505**	**0.0000**	**1,476.0984**	**1,476.0984**	**0.0342**	**0.0373**	**1,488.0597**

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

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3654**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714
Total	**0.5249**	**0.3444**	**4.8717**	**0.0156**	**2.0405**	**8.8300e-003**	**2.0493**	**0.5419**	**8.1300e-003**	**0.5501**	**0.0000**	**1,429.6733**	**1,429.6733**	**0.0310**	**0.0350**	**1,440.8714**

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

3.4 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3199**	**33.3199**	**1.8200e-003**	**0.0000**	**33.3654**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714
Total	**0.5249**	**0.3444**	**4.8717**	**0.0156**	**2.0405**	**8.8300e-003**	**2.0493**	**0.5419**	**8.1300e-003**	**0.5501**	**0.0000**	**1,429.6733**	**1,429.6733**	**0.0310**	**0.0350**	**1,440.8714**

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

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3654**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530
Total	**0.4919**	**0.3123**	**4.5805**	**0.0151**	**2.0405**	**8.3000e-003**	**2.0487**	**0.5419**	**7.6300e-003**	**0.5496**	**0.0000**	**1,387.8975**	**1,387.8975**	**0.0282**	**0.0331**	**1,398.4530**

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

3.4 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3199**	**33.3199**	**1.8200e-003**	**0.0000**	**33.3654**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530
Total	**0.4919**	**0.3123**	**4.5805**	**0.0151**	**2.0405**	**8.3000e-003**	**2.0487**	**0.5419**	**7.6300e-003**	**0.5496**	**0.0000**	**1,387.8975**	**1,387.8975**	**0.0282**	**0.0331**	**1,398.4530**

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

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376
Total	**2.3701**	**0.1489**	**0.2352**	**3.9000e-004**		**6.7000e-003**	**6.7000e-003**		**6.7000e-003**	**6.7000e-003**	**0.0000**	**33.1923**	**33.1923**	**1.8100e-003**	**0.0000**	**33.2376**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624
Total	**0.4596**	**0.2844**	**4.3204**	**0.0147**	**2.0326**	**7.7100e-003**	**2.0403**	**0.5398**	**7.1000e-003**	**0.5469**	**0.0000**	**1,345.5828**	**1,345.5828**	**0.0257**	**0.0313**	**1,355.5624**

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

3.4 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375
Total	**2.3701**	**0.1489**	**0.2352**	**3.9000e-004**		**6.7000e-003**	**6.7000e-003**		**6.7000e-003**	**6.7000e-003**	**0.0000**	**33.1923**	**33.1923**	**1.8100e-003**	**0.0000**	**33.2375**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624
Total	**0.4596**	**0.2844**	**4.3204**	**0.0147**	**2.0326**	**7.7100e-003**	**2.0403**	**0.5398**	**7.1000e-003**	**0.5469**	**0.0000**	**1,345.5828**	**1,345.5828**	**0.0257**	**0.0313**	**1,355.5624**

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

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3654**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864
Total	**0.4321**	**0.2623**	**4.1246**	**0.0144**	**2.0405**	**7.2200e-003**	**2.0477**	**0.5419**	**6.6400e-003**	**0.5486**	**0.0000**	**1,317.7269**	**1,317.7269**	**0.0237**	**0.0301**	**1,327.2864**

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

3.4 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	**2.3792**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3199**	**33.3199**	**1.8200e-003**	**0.0000**	**33.3654**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864
Total	**0.4321**	**0.2623**	**4.1246**	**0.0144**	**2.0405**	**7.2200e-003**	**2.0477**	**0.5419**	**6.6400e-003**	**0.5486**	**0.0000**	**1,317.7269**	**1,317.7269**	**0.0237**	**0.0301**	**1,327.2864**

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

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	**2.3740**	**0.1117**	**0.2346**	**3.9000e-004**		**2.6500e-003**	**2.6500e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**33.3200**	**33.3200**	**1.3500e-003**	**0.0000**	**33.3537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188
Total	**0.4048**	**0.2425**	**3.9436**	**0.0141**	**2.0405**	**6.7400e-003**	**2.0472**	**0.5419**	**6.2000e-003**	**0.5481**	**0.0000**	**1,288.4481**	**1,288.4481**	**0.0219**	**0.0289**	**1,297.6188**

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

3.4 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	**2.3740**	**0.1117**	**0.2346**	**3.9000e-004**		**2.6500e-003**	**2.6500e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**33.3199**	**33.3199**	**1.3500e-003**	**0.0000**	**33.3536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188
Total	**0.4048**	**0.2425**	**3.9436**	**0.0141**	**2.0405**	**6.7400e-003**	**2.0472**	**0.5419**	**6.2000e-003**	**0.5481**	**0.0000**	**1,288.4481**	**1,288.4481**	**0.0219**	**0.0289**	**1,297.6188**

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

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	**2.3740**	**0.1117**	**0.2346**	**3.9000e-004**		**2.6500e-003**	**2.6500e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**33.3200**	**33.3200**	**1.3500e-003**	**0.0000**	**33.3537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998
Total	**0.3783**	**0.2251**	**3.8063**	**0.0138**	**2.0405**	**6.3400e-003**	**2.0468**	**0.5419**	**5.8300e-003**	**0.5478**	**0.0000**	**1,263.7595**	**1,263.7595**	**0.0203**	**0.0280**	**1,272.5998**

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

3.4 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	**2.3740**	**0.1117**	**0.2346**	**3.9000e-004**		**2.6500e-003**	**2.6500e-003**		**2.6500e-003**	**2.6500e-003**	**0.0000**	**33.3199**	**33.3199**	**1.3500e-003**	**0.0000**	**33.3536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998
Total	**0.3783**	**0.2251**	**3.8063**	**0.0138**	**2.0405**	**6.3400e-003**	**2.0468**	**0.5419**	**5.8300e-003**	**0.5478**	**0.0000**	**1,263.7595**	**1,263.7595**	**0.0203**	**0.0280**	**1,272.5998**

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

3.4 Architectural Coating - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815
Total	**2.3831**	**0.1122**	**0.2355**	**3.9000e-004**		**2.6600e-003**	**2.6600e-003**		**2.6600e-003**	**2.6600e-003**	**0.0000**	**33.4476**	**33.4476**	**1.3500e-003**	**0.0000**	**33.4815**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140
Total	**0.3559**	**0.2113**	**3.6826**	**0.0136**	**2.0483**	**5.9600e-003**	**2.0542**	**0.5440**	**5.4800e-003**	**0.5495**	**0.0000**	**1,245.6218**	**1,245.6218**	**0.0190**	**0.0272**	**1,254.2140**

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

3.4 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814
Total	**2.3831**	**0.1122**	**0.2355**	**3.9000e-004**		**2.6600e-003**	**2.6600e-003**		**2.6600e-003**	**2.6600e-003**	**0.0000**	**33.4476**	**33.4476**	**1.3500e-003**	**0.0000**	**33.4814**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140
Total	**0.3559**	**0.2113**	**3.6826**	**0.0136**	**2.0483**	**5.9600e-003**	**2.0542**	**0.5440**	**5.4800e-003**	**0.5495**	**0.0000**	**1,245.6218**	**1,245.6218**	**0.0190**	**0.0272**	**1,254.2140**

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

3.4 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	**2.3649**	**0.1113**	**0.2337**	**3.9000e-004**		**2.6400e-003**	**2.6400e-003**		**2.6400e-003**	**2.6400e-003**	**0.0000**	**33.1923**	**33.1923**	**1.3400e-003**	**0.0000**	**33.2259**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451
Total	**0.3321**	**0.1976**	**3.5366**	**0.0133**	**2.0326**	**5.5500e-003**	**2.0382**	**0.5398**	**5.1000e-003**	**0.5450**	**0.0000**	**1,216.0507**	**1,216.0507**	**0.0176**	**0.0264**	**1,224.3451**

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

3.4 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	**2.3649**	**0.1113**	**0.2337**	**3.9000e-004**		**2.6400e-003**	**2.6400e-003**		**2.6400e-003**	**2.6400e-003**	**0.0000**	**33.1923**	**33.1923**	**1.3400e-003**	**0.0000**	**33.2258**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451
Total	**0.3321**	**0.1976**	**3.5366**	**0.0133**	**2.0326**	**5.5500e-003**	**2.0382**	**0.5398**	**5.1000e-003**	**0.5450**	**0.0000**	**1,216.0507**	**1,216.0507**	**0.0176**	**0.0264**	**1,224.3451**

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

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	**2.3649**	**0.1113**	**0.2337**	**3.9000e-004**		**2.6400e-003**	**2.6400e-003**		**2.6400e-003**	**2.6400e-003**	**0.0000**	**33.1923**	**33.1923**	**1.3400e-003**	**0.0000**	**33.2259**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060
Total	**0.3132**	**0.1876**	**3.4310**	**0.0131**	**2.0326**	**5.2100e-003**	**2.0378**	**0.5398**	**4.7900e-003**	**0.5446**	**0.0000**	**1,198.4070**	**1,198.4070**	**0.0165**	**0.0258**	**1,206.5060**

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

3.4 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	**2.3649**	**0.1113**	**0.2337**	**3.9000e-004**		**2.6400e-003**	**2.6400e-003**		**2.6400e-003**	**2.6400e-003**	**0.0000**	**33.1923**	**33.1923**	**1.3400e-003**	**0.0000**	**33.2258**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060
Total	**0.3132**	**0.1876**	**3.4310**	**0.0131**	**2.0326**	**5.2100e-003**	**2.0378**	**0.5398**	**4.7900e-003**	**0.5446**	**0.0000**	**1,198.4070**	**1,198.4070**	**0.0165**	**0.0258**	**1,206.5060**

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

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	**2.3723**	**0.0989**	**0.2342**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.3200**	**33.3200**	**1.2300e-003**	**0.0000**	**33.3507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	**0.2978**	**0.1806**	**3.3545**	**0.0130**	**2.0405**	**4.9300e-003**	**2.0454**	**0.5419**	**4.5300e-003**	**0.5465**	**0.0000**	**1,187.5885**	**1,187.5885**	**0.0156**	**0.0255**	**1,195.5629**

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

3.4 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	**2.3723**	**0.0989**	**0.2342**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.3199**	**33.3199**	**1.2300e-003**	**0.0000**	**33.3507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	**0.2978**	**0.1806**	**3.3545**	**0.0130**	**2.0405**	**4.9300e-003**	**2.0454**	**0.5419**	**4.5300e-003**	**0.5465**	**0.0000**	**1,187.5885**	**1,187.5885**	**0.0156**	**0.0255**	**1,195.5629**

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

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	**2.3814**	**0.0993**	**0.2351**	**3.9000e-004**		**1.3000e-003**	**1.3000e-003**		**1.3000e-003**	**1.3000e-003**	**0.0000**	**33.4476**	**33.4476**	**1.2400e-003**	**0.0000**	**33.4785**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436
Total	**0.2989**	**0.1813**	**3.3674**	**0.0130**	**2.0483**	**4.9500e-003**	**2.0532**	**0.5440**	**4.5500e-003**	**0.5486**	**0.0000**	**1,192.1387**	**1,192.1387**	**0.0156**	**0.0256**	**1,200.1436**

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	**2.3814**	**0.0993**	**0.2351**	**3.9000e-004**		**1.3000e-003**	**1.3000e-003**		**1.3000e-003**	**1.3000e-003**	**0.0000**	**33.4476**	**33.4476**	**1.2400e-003**	**0.0000**	**33.4785**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436
Total	**0.2989**	**0.1813**	**3.3674**	**0.0130**	**2.0483**	**4.9500e-003**	**2.0532**	**0.5440**	**4.5500e-003**	**0.5486**	**0.0000**	**1,192.1387**	**1,192.1387**	**0.0156**	**0.0256**	**1,200.1436**

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

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	**2.3723**	**0.0989**	**0.2342**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.3200**	**33.3200**	**1.2300e-003**	**0.0000**	**33.3507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	**0.2978**	**0.1806**	**3.3545**	**0.0130**	**2.0405**	**4.9300e-003**	**2.0454**	**0.5419**	**4.5300e-003**	**0.5465**	**0.0000**	**1,187.5885**	**1,187.5885**	**0.0156**	**0.0255**	**1,195.5629**

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

3.4 Architectural Coating - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	**2.3723**	**0.0989**	**0.2342**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.3199**	**33.3199**	**1.2300e-003**	**0.0000**	**33.3507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	**0.2978**	**0.1806**	**3.3545**	**0.0130**	**2.0405**	**4.9300e-003**	**2.0454**	**0.5419**	**4.5300e-003**	**0.5465**	**0.0000**	**1,187.5885**	**1,187.5885**	**0.0156**	**0.0255**	**1,195.5629**

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

3.4 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	**2.3723**	**0.0989**	**0.2342**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.3200**	**33.3200**	**1.2300e-003**	**0.0000**	**33.3507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	**0.2978**	**0.1806**	**3.3545**	**0.0130**	**2.0405**	**4.9300e-003**	**2.0454**	**0.5419**	**4.5300e-003**	**0.5465**	**0.0000**	**1,187.5885**	**1,187.5885**	**0.0156**	**0.0255**	**1,195.5629**

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

3.4 Architectural Coating - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	**2.3723**	**0.0989**	**0.2342**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.3199**	**33.3199**	**1.2300e-003**	**0.0000**	**33.3507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	**0.2978**	**0.1806**	**3.3545**	**0.0130**	**2.0405**	**4.9300e-003**	**2.0454**	**0.5419**	**4.5300e-003**	**0.5465**	**0.0000**	**1,187.5885**	**1,187.5885**	**0.0156**	**0.0255**	**1,195.5629**

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

3.4 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2230
Total	**2.3632**	**0.0985**	**0.2333**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.1923**	**33.1923**	**1.2300e-003**	**0.0000**	**33.2230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822
Total	**0.2966**	**0.1799**	**3.3417**	**0.0129**	**2.0326**	**4.9100e-003**	**2.0375**	**0.5398**	**4.5200e-003**	**0.5444**	**0.0000**	**1,183.0384**	**1,183.0384**	**0.0155**	**0.0254**	**1,190.9822**

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

3.4 Architectural Coating - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2229
Total	**2.3632**	**0.0985**	**0.2333**	**3.9000e-004**		**1.2900e-003**	**1.2900e-003**		**1.2900e-003**	**1.2900e-003**	**0.0000**	**33.1923**	**33.1923**	**1.2300e-003**	**0.0000**	**33.2229**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822
Total	**0.2966**	**0.1799**	**3.3417**	**0.0129**	**2.0326**	**4.9100e-003**	**2.0375**	**0.5398**	**4.5200e-003**	**0.5444**	**0.0000**	**1,183.0384**	**1,183.0384**	**0.0155**	**0.0254**	**1,190.9822**

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

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	**2.3719**	**0.0949**	**0.2339**	**3.9000e-004**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**33.3200**	**33.3200**	**1.1700e-003**	**0.0000**	**33.3493**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397
Total	**0.2365**	**0.1568**	**3.0573**	**0.0124**	**2.0405**	**3.8900e-003**	**2.0443**	**0.5419**	**3.5800e-003**	**0.5455**	**0.0000**	**1,137.2315**	**1,137.2315**	**0.0122**	**0.0242**	**1,144.7397**

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

3.4 Architectural Coating - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	**2.3719**	**0.0949**	**0.2339**	**3.9000e-004**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**33.3199**	**33.3199**	**1.1700e-003**	**0.0000**	**33.3492**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397
Total	**0.2365**	**0.1568**	**3.0573**	**0.0124**	**2.0405**	**3.8900e-003**	**2.0443**	**0.5419**	**3.5800e-003**	**0.5455**	**0.0000**	**1,137.2315**	**1,137.2315**	**0.0122**	**0.0242**	**1,144.7397**

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

3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3588	0.0000	2.3588	1.2123	0.0000	1.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2967	3.0281	2.1494	4.5700e-003		0.1304	0.1304		0.1200	0.1200	0.0000	401.6038	401.6038	0.1299	0.0000	404.8510
Total	**0.2967**	**3.0281**	**2.1494**	**4.5700e-003**	**2.3588**	**0.1304**	**2.4893**	**1.2123**	**0.1200**	**1.3323**	**0.0000**	**401.6038**	**401.6038**	**0.1299**	**0.0000**	**404.8510**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	**6.5100e-003**	**4.4400e-003**	**0.0605**	**1.9000e-004**	**0.0237**	**1.1000e-004**	**0.0238**	**6.2900e-003**	**1.0000e-004**	**6.3900e-003**	**0.0000**	**17.1332**	**17.1332**	**4.0000e-004**	**4.3000e-004**	**17.2721**

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

3.5 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8740	0.0000	0.8740	0.4492	0.0000	0.4492	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1011	0.8039	2.4503	4.5700e-003		0.0310	0.0310		0.0289	0.0289	0.0000	401.6034	401.6034	0.1299	0.0000	404.8505
Total	**0.1011**	**0.8039**	**2.4503**	**4.5700e-003**	**0.8740**	**0.0310**	**0.9049**	**0.4492**	**0.0289**	**0.4781**	**0.0000**	**401.6034**	**401.6034**	**0.1299**	**0.0000**	**404.8505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	**6.5100e-003**	**4.4400e-003**	**0.0605**	**1.9000e-004**	**0.0237**	**1.1000e-004**	**0.0238**	**6.2900e-003**	**1.0000e-004**	**6.3900e-003**	**0.0000**	**17.1332**	**17.1332**	**4.0000e-004**	**4.3000e-004**	**17.2721**

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

3.6 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0254	0.0000	1.0254	0.1280	0.0000	0.1280	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0189	0.1816	0.1712	4.0000e-004		7.3500e-003	7.3500e-003		6.7600e-003	6.7600e-003	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	**0.0189**	**0.1816**	**0.1712**	**4.0000e-004**	**1.0254**	**7.3500e-003**	**1.0328**	**0.1280**	**6.7600e-003**	**0.1348**	**0.0000**	**35.4290**	**35.4290**	**0.0115**	**0.0000**	**35.7155**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	**3.9000e-004**	**2.7000e-004**	**3.6400e-003**	**1.0000e-005**	**1.4300e-003**	**1.0000e-005**	**1.4300e-003**	**3.8000e-004**	**1.0000e-005**	**3.8000e-004**	**0.0000**	**1.0312**	**1.0312**	**2.0000e-005**	**3.0000e-005**	**1.0395**

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

3.6 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3799	0.0000	0.3799	0.0474	0.0000	0.0474	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1700e-003	0.0367	0.2130	4.0000e-004		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	**6.1700e-003**	**0.0367**	**0.2130**	**4.0000e-004**	**0.3799**	**1.3000e-003**	**0.3812**	**0.0474**	**1.2400e-003**	**0.0487**	**0.0000**	**35.4290**	**35.4290**	**0.0115**	**0.0000**	**35.7155**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	**3.9000e-004**	**2.7000e-004**	**3.6400e-003**	**1.0000e-005**	**1.4300e-003**	**1.0000e-005**	**1.4300e-003**	**3.8000e-004**	**1.0000e-005**	**3.8000e-004**	**0.0000**	**1.0312**	**1.0312**	**2.0000e-005**	**3.0000e-005**	**1.0395**

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

3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	**0.3786**	**3.6466**	**3.4362**	**8.1000e-003**	**1.7722**	**0.1476**	**1.9197**	**0.5385**	**0.1358**	**0.6743**	**0.0000**	**711.3061**	**711.3061**	**0.2301**	**0.0000**	**717.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	**7.3600e-003**	**4.8300e-003**	**0.0683**	**2.2000e-004**	**0.0286**	**1.2000e-004**	**0.0287**	**7.6000e-003**	**1.1000e-004**	**7.7100e-003**	**0.0000**	**20.0515**	**20.0515**	**4.3000e-004**	**4.9000e-004**	**20.2086**

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

3.6 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1240	0.7362	4.2771	8.1000e-003		0.0261	0.0261		0.0249	0.0249	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	**0.1240**	**0.7362**	**4.2771**	**8.1000e-003**	**0.6566**	**0.0261**	**0.6826**	**0.1995**	**0.0249**	**0.2244**	**0.0000**	**711.3052**	**711.3052**	**0.2301**	**0.0000**	**717.0565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	**7.3600e-003**	**4.8300e-003**	**0.0683**	**2.2000e-004**	**0.0286**	**1.2000e-004**	**0.0287**	**7.6000e-003**	**1.1000e-004**	**7.7100e-003**	**0.0000**	**20.0515**	**20.0515**	**4.3000e-004**	**4.9000e-004**	**20.2086**

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

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	**0.3786**	**3.6466**	**3.4362**	**8.1000e-003**	**1.7722**	**0.1476**	**1.9197**	**0.5385**	**0.1358**	**0.6743**	**0.0000**	**711.3061**	**711.3061**	**0.2301**	**0.0000**	**717.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	**6.9000e-003**	**4.3800e-003**	**0.0642**	**2.1000e-004**	**0.0286**	**1.2000e-004**	**0.0287**	**7.6000e-003**	**1.1000e-004**	**7.7100e-003**	**0.0000**	**19.4656**	**19.4656**	**4.0000e-004**	**4.6000e-004**	**19.6137**

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

3.6 Grading - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1240	0.7362	4.2771	8.1000e-003		0.0261	0.0261		0.0249	0.0249	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	**0.1240**	**0.7362**	**4.2771**	**8.1000e-003**	**0.6566**	**0.0261**	**0.6826**	**0.1995**	**0.0249**	**0.2244**	**0.0000**	**711.3052**	**711.3052**	**0.2301**	**0.0000**	**717.0565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	**6.9000e-003**	**4.3800e-003**	**0.0642**	**2.1000e-004**	**0.0286**	**1.2000e-004**	**0.0287**	**7.6000e-003**	**1.1000e-004**	**7.7100e-003**	**0.0000**	**19.4656**	**19.4656**	**4.0000e-004**	**4.6000e-004**	**19.6137**

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

3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2422	0.0000	1.2422	0.2472	0.0000	0.2472	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1233	1.1876	1.1191	2.6400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	231.6514	231.6514	0.0749	0.0000	233.5244
Total	**0.1233**	**1.1876**	**1.1191**	**2.6400e-003**	**1.2422**	**0.0481**	**1.2903**	**0.2472**	**0.0442**	**0.2914**	**0.0000**	**231.6514**	**231.6514**	**0.0749**	**0.0000**	**233.5244**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	**2.1100e-003**	**1.3000e-003**	**0.0198**	**7.0000e-005**	**9.3200e-003**	**4.0000e-005**	**9.3600e-003**	**2.4800e-003**	**3.0000e-005**	**2.5100e-003**	**0.0000**	**6.1697**	**6.1697**	**1.2000e-004**	**1.4000e-004**	**6.2155**

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

3.6 Grading - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4602	0.0000	0.4602	0.0916	0.0000	0.0916	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0404	0.2398	1.3929	2.6400e-003		8.4800e-003	8.4800e-003		8.1200e-003	8.1200e-003	0.0000	231.6511	231.6511	0.0749	0.0000	233.5241
Total	**0.0404**	**0.2398**	**1.3929**	**2.6400e-003**	**0.4602**	**8.4800e-003**	**0.4687**	**0.0916**	**8.1200e-003**	**0.0997**	**0.0000**	**231.6511**	**231.6511**	**0.0749**	**0.0000**	**233.5241**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	**2.1100e-003**	**1.3000e-003**	**0.0198**	**7.0000e-005**	**9.3200e-003**	**4.0000e-005**	**9.3600e-003**	**2.4800e-003**	**3.0000e-005**	**2.5100e-003**	**0.0000**	**6.1697**	**6.1697**	**1.2000e-004**	**1.4000e-004**	**6.2155**

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1685	175.1685	0.0567	0.0000	176.5848
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0801**	**0.7509**	**1.2756**	**1.9900e-003**		**0.0366**	**0.0366**		**0.0337**	**0.0337**	**0.0000**	**175.1685**	**175.1685**	**0.0567**	**0.0000**	**176.5848**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	**3.2500e-003**	**2.0100e-003**	**0.0306**	**1.0000e-004**	**0.0144**	**5.0000e-005**	**0.0145**	**3.8200e-003**	**5.0000e-005**	**3.8700e-003**	**0.0000**	**9.5268**	**9.5268**	**1.8000e-004**	**2.2000e-004**	**9.5975**

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1683	175.1683	0.0567	0.0000	176.5846
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0801**	**0.7509**	**1.2756**	**1.9900e-003**		**0.0366**	**0.0366**		**0.0337**	**0.0337**	**0.0000**	**175.1683**	**175.1683**	**0.0567**	**0.0000**	**176.5846**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	**3.2500e-003**	**2.0100e-003**	**0.0306**	**1.0000e-004**	**0.0144**	**5.0000e-005**	**0.0145**	**3.8200e-003**	**5.0000e-005**	**3.8700e-003**	**0.0000**	**9.5268**	**9.5268**	**1.8000e-004**	**2.2000e-004**	**9.5975**

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1194**	**1.1199**	**1.9024**	**2.9800e-003**		**0.0546**	**0.0546**		**0.0503**	**0.0503**	**0.0000**	**261.2513**	**261.2513**	**0.0845**	**0.0000**	**263.3636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	**4.5500e-003**	**2.7600e-003**	**0.0434**	**1.5000e-004**	**0.0215**	**8.0000e-005**	**0.0215**	**5.7000e-003**	**7.0000e-005**	**5.7700e-003**	**0.0000**	**13.8611**	**13.8611**	**2.5000e-004**	**3.2000e-004**	**13.9616**

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

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1194**	**1.1199**	**1.9024**	**2.9800e-003**		**0.0546**	**0.0546**		**0.0503**	**0.0503**	**0.0000**	**261.2510**	**261.2510**	**0.0845**	**0.0000**	**263.3633**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	**4.5500e-003**	**2.7600e-003**	**0.0434**	**1.5000e-004**	**0.0215**	**8.0000e-005**	**0.0215**	**5.7000e-003**	**7.0000e-005**	**5.7700e-003**	**0.0000**	**13.8611**	**13.8611**	**2.5000e-004**	**3.2000e-004**	**13.9616**

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

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7700e-003**	**0.0142**	**0.0317**	**6.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.6000e-004**	**6.6000e-004**	**0.0000**	**4.8199**	**4.8199**	**2.3000e-004**	**0.0000**	**4.8256**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	**7.0000e-005**	**4.0000e-005**	**6.4000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**3.3000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.2077**	**0.2077**	**0.0000**	**0.0000**	**0.2092**

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3.7 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.7700e-003**	**0.0142**	**0.0317**	**6.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.6000e-004**	**6.6000e-004**	**0.0000**	**4.8199**	**4.8199**	**2.3000e-004**	**0.0000**	**4.8256**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	**7.0000e-005**	**4.0000e-005**	**6.4000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**3.3000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.2077**	**0.2077**	**0.0000**	**0.0000**	**0.2092**

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Unmitigated	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

4.3 Trip Type Information

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	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,193.0845	12,193.0845	1.0291	0.1247	12,255.9866
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,193.0845	12,193.0845	1.0291	0.1247	12,255.9866
NaturalGas Mitigated	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945
NaturalGas Unmitigated	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.5816e+007	0.1392	1.1896	0.5062	7.5900e-003		0.0962	0.0962		0.0962	0.0962	0.0000	1,377.6398	1,377.6398	0.0264	0.0253	1,385.8264
Apartments Mid Rise	4.02988e+007	0.2173	1.8569	0.7902	0.0119		0.1501	0.1501		0.1501	0.1501	0.0000	2,150.4996	2,150.4996	0.0412	0.0394	2,163.2789
Apartments Mid Rise	4.75331e+007	0.2563	2.1903	0.9320	0.0140		0.1771	0.1771		0.1771	0.1771	0.0000	2,536.5457	2,536.5457	0.0486	0.0465	2,551.6192
Apartments Mid Rise	8.94571e+006	0.0482	0.4122	0.1754	2.6300e-003		0.0333	0.0333		0.0333	0.0333	0.0000	477.3771	477.3771	9.1500e-003	8.7500e-003	480.2140
Government (Civic Center)	694582	3.7500e-003	0.0341	0.0286	2.0000e-004		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	37.0655	37.0655	7.1000e-004	6.8000e-004	37.2858
Regional Shopping Center	553082	2.9800e-003	0.0271	0.0228	1.6000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	29.5146	29.5146	5.7000e-004	5.4000e-004	29.6900
Single Family Housing	1.06359e+007	0.0574	0.4901	0.2086	3.1300e-003		0.0396	0.0396		0.0396	0.0396	0.0000	567.5716	567.5716	0.0109	0.0104	570.9444
Strip Mall	2.09026e+006	0.0113	0.1025	0.0861	6.1000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	111.5441	111.5441	2.1400e-003	2.0400e-003	112.2070
Strip Mall	2.81904e+006	0.0152	0.1382	0.1161	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	150.4350	150.4350	2.8800e-003	2.7600e-003	151.3289
Total		**0.7516**	**6.4408**	**2.8659**	**0.0410**		**0.5193**	**0.5193**		**0.5193**	**0.5193**	**0.0000**	**7,438.1930**	**7,438.1930**	**0.1426**	**0.1364**	**7,482.3945**

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	8.94571e+006	0.0482	0.4122	0.1754	2.6300e-003		0.0333	0.0333		0.0333	0.0333	0.0000	477.3771	477.3771	9.1500e-003	8.7500e-003	480.2140
Apartments Mid Rise	2.5816e+007	0.1392	1.1896	0.5062	7.5900e-003		0.0962	0.0962		0.0962	0.0962	0.0000	1,377.6398	1,377.6398	0.0264	0.0253	1,385.8264
Apartments Mid Rise	4.02988e+007	0.2173	1.8569	0.7902	0.0119		0.1501	0.1501		0.1501	0.1501	0.0000	2,150.4996	2,150.4996	0.0412	0.0394	2,163.2789
Apartments Mid Rise	4.75331e+007	0.2563	2.1903	0.9320	0.0140		0.1771	0.1771		0.1771	0.1771	0.0000	2,536.5457	2,536.5457	0.0486	0.0465	2,551.6192
Government (Civic Center)	694582	3.7500e-003	0.0341	0.0286	2.0000e-004		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	37.0655	37.0655	7.1000e-004	6.8000e-004	37.2858
Regional Shopping Center	553082	2.9800e-003	0.0271	0.0228	1.6000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	29.5146	29.5146	5.7000e-004	5.4000e-004	29.6900
Single Family Housing	1.06359e+007	0.0574	0.4901	0.2086	3.1300e-003		0.0396	0.0396		0.0396	0.0396	0.0000	567.5716	567.5716	0.0109	0.0104	570.9444
Strip Mall	2.09026e+006	0.0113	0.1025	0.0861	6.1000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	111.5441	111.5441	2.1400e-003	2.0400e-003	112.2070
Strip Mall	2.81904e+006	0.0152	0.1382	0.1161	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	150.4350	150.4350	2.8800e-003	2.7600e-003	151.3289
Total		**0.7516**	**6.4408**	**2.8659**	**0.0410**		**0.5193**	**0.5193**		**0.5193**	**0.5193**	**0.0000**	**7,438.1930**	**7,438.1930**	**0.1426**	**0.1364**	**7,482.3945**

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.10959e+007	1,967.8170	0.1661	0.0201	1,977.9686
Apartments Mid Rise	1.30878e+007	2,321.0689	0.1959	0.0238	2,333.0429
Apartments Mid Rise	2.46313e+006	436.8245	0.0369	4.4700e-003	439.0780
Apartments Mid Rise	7.10822e+006	1,260.6108	0.1064	0.0129	1,267.1141
Government (Civic Center)	1.86099e+006	330.0389	0.0279	3.3800e-003	331.7415
Regional Shopping Center	3.05201e+006	541.2601	0.0457	5.5400e-003	544.0523
Single Family Housing	2.99471e+006	531.0989	0.0448	5.4300e-003	533.8387
Strip Mall	1.15344e+007	2,045.5781	0.1727	0.0209	2,056.1309
Strip Mall	1.5556e+007	2,758.7876	0.2329	0.0282	2,773.0197
Total		**12,193.0846**	**1.0291**	**0.1248**	**12,255.9866**

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

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.10959e+007	1,967.8170	0.1661	0.0201	1,977.9686
Apartments Mid Rise	1.30878e+007	2,321.0689	0.1959	0.0238	2,333.0429
Apartments Mid Rise	2.46313e+006	436.8245	0.0369	4.4700e-003	439.0780
Apartments Mid Rise	7.10822e+006	1,260.6108	0.1064	0.0129	1,267.1141
Government (Civic Center)	1.86099e+006	330.0389	0.0279	3.3800e-003	331.7415
Regional Shopping Center	3.05201e+006	541.2601	0.0457	5.5400e-003	544.0523
Single Family Housing	2.99471e+006	531.0989	0.0448	5.4300e-003	533.8387
Strip Mall	1.15344e+007	2,045.5781	0.1727	0.0209	2,056.1309
Strip Mall	1.5556e+007	2,758.7876	0.2329	0.0282	2,773.0197
Total		**12,193.0846**	**1.0291**	**0.1248**	**12,255.9866**

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Unmitigated	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.1233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7362	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Total	**49.8103**	**1.0551**	**91.4135**	**4.8500e-003**		**0.5091**	**0.5091**		**0.5091**	**0.5091**	**0.0000**	**149.9920**	**149.9920**	**0.1429**	**0.0000**	**153.5639**

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.1233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7362	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Total	**49.8103**	**1.0551**	**91.4135**	**4.8500e-003**		**0.5091**	**0.5091**		**0.5091**	**0.5091**	**0.0000**	**149.9920**	**149.9920**	**0.1429**	**0.0000**	**153.5639**

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,102.6837	26.4392	0.6477	3,956.6903
Unmitigated	3,102.6837	26.4392	0.6477	3,956.6903

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	555.373 / 350.126	2,148.5276	18.2633	0.4475	2,738.4604
Government (Civic Center)	40.2286 / 24.6562	154.2396	1.3228	0.0324	196.9644
Regional Shopping Center	18.6218 / 11.4134	71.3976	0.6123	0.0150	91.1749
Single Family Housing	24.4979 / 15.4443	94.7732	0.8056	0.0197	120.7955
Strip Mall	165.293 / 101.309	633.7458	5.4351	0.1331	809.2950
Total		**3,102.6837**	**26.4392**	**0.6477**	**3,956.6902**

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	555.373 / 350.126	2,148.5276	18.2633	0.4475	2,738.4604
Government (Civic Center)	40.2286 / 24.6562	154.2396	1.3228	0.0324	196.9644
Regional Shopping Center	18.6218 / 11.4134	71.3976	0.6123	0.0150	91.1749
Single Family Housing	24.4979 / 15.4443	94.7732	0.8056	0.0197	120.7955
Strip Mall	165.293 / 101.309	633.7458	5.4351	0.1331	809.2950
Total		**3,102.6837**	**26.4392**	**0.6477**	**3,956.6902**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,648.9139	97.4480	0.0000	4,085.1143
Unmitigated	1,648.9139	97.4480	0.0000	4,085.1143

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3921.04	795.9357	47.0385	0.0000	1,971.8970
Government (Civic Center)	1154.25	234.3023	13.8469	0.0000	580.4741
Regional Shopping Center	263.97	53.5835	3.1667	0.0000	132.7509
Single Family Housing	440.75	89.4683	5.2874	0.0000	221.6538
Strip Mall	2343.08	475.6241	28.1086	0.0000	1,178.3385
Total		**1,648.9139**	**97.4480**	**0.0000**	**4,085.1143**

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3921.04	795.9357	47.0385	0.0000	1,971.8970
Government (Civic Center)	1154.25	234.3023	13.8469	0.0000	580.4741
Regional Shopping Center	263.97	53.5835	3.1667	0.0000	132.7509
Single Family Housing	440.75	89.4683	5.2874	0.0000	221.6538
Strip Mall	2343.08	475.6241	28.1086	0.0000	1,178.3385
Total		**1,648.9139**	**97.4480**	**0.0000**	**4,085.1143**

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

Fontana Downtown Core Project

San Bernardino-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Figitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Demolition - Approximately up to 4,254,931 square feet to be demolished, according to Project applicant.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

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

tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58
tblLandUse	LotAcreage	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34

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

tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	57.3412	111.5321	382.2337	1.2009	116.0623	2.6629	118.7253	29.7992	2.4962	32.2954	0.0000	122,763.0287	122,763.0287	4.5908	6.4742	124,807.0973
2024	54.7734	108.0756	359.2051	1.1720	116.0622	2.5036	118.5658	29.7992	2.3451	32.1442	0.0000	119,820.2508	119,820.2508	4.3610	6.2608	121,794.9905
2025	53.0189	106.5339	341.8843	1.1382	124.4345	2.5006	126.8909	38.0928	2.3289	40.3810	0.0000	116,367.0270	116,367.0270	4.9195	6.0411	118,270.8099
2026	51.1068	104.5898	323.2571	1.1056	114.0033	2.4757	116.4790	31.6500	2.3059	33.9559	0.0000	112,749.1844	112,749.1844	4.7365	5.4039	114,477.9689
2027	49.3591	102.8888	307.3399	1.0779	114.0032	2.4485	116.4518	31.6499	2.2808	33.9307	0.0000	109,908.8644	109,908.8644	4.5747	5.2321	111,582.4099
2028	47.7544	101.4880	294.0642	1.0529	114.0032	2.4210	116.4242	31.6499	2.2554	33.9053	0.0000	107,350.3145	107,350.3145	4.4376	5.0781	108,974.5417
2029	44.2151	80.9025	270.6265	0.9908	104.7436	1.6826	106.4262	27.9813	1.5759	29.5572	0.0000	101,208.8259	101,208.8259	3.0846	4.9397	102,757.9665
2030	43.1503	73.5638	262.1415	0.9800	104.7436	1.1601	105.9037	27.9813	1.1201	29.1014	0.0000	99,943.8622	99,943.8622	1.8985	4.8171	101,426.8239
2031	40.3410	65.6635	238.6176	0.9336	104.5759	0.8027	105.3785	27.9368	0.7645	28.7013	0.0000	95,408.3795	95,408.3795	1.6790	4.7066	96,852.9280
2032	39.0942	64.8880	231.2342	0.9180	104.5758	0.7828	105.3586	27.9368	0.7462	28.6830	0.0000	93,800.1916	93,800.1916	1.5941	4.6134	95,214.8476
2033	37.9865	64.2496	224.9190	0.9042	104.5757	0.7649	105.3406	27.9368	0.7297	28.6664	0.0000	92,386.8815	92,386.8815	1.5203	4.5340	93,776.0063
2034	36.9853	63.6832	219.2665	0.8921	104.5757	0.7480	105.3237	27.9368	0.7141	28.6508	0.0000	91,137.5527	91,137.5527	1.4540	4.4645	92,504.3140
2035	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2036	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2037	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2038	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2039	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2040	32.7175	60.7210	198.7021	0.8466	104.5756	0.5948	105.1703	27.9367	0.5660	28.5027	0.0000	86,447.7541	86,447.7541	1.1806	4.2180	87,734.2267
Maximum	**57.3412**	**111.5321**	**382.2337**	**1.2009**	**124.4345**	**2.6629**	**126.8909**	**38.0928**	**2.4962**	**40.3810**	**0.0000**	**122,763.0287**	**122,763.0287**	**4.9195**	**6.4742**	**124,807.0973**

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	55.5601	91.2943	386.3382	1.2009	109.4709	1.7158	111.1867	28.8012	1.6298	30.4310	0.0000	122,763.0287	122,763.0287	4.5908	6.4742	124,807.0973
2024	53.0140	88.5464	363.2905	1.1720	109.4708	1.5879	111.0587	28.8012	1.5076	30.3088	0.0000	119,820.2508	119,820.2508	4.3610	6.2608	121,794.9905
2025	50.8558	85.3694	349.0826	1.1382	112.0604	1.5182	113.5786	31.7333	1.4292	33.1624	0.0000	116,367.0270	116,367.0270	4.9195	6.0411	118,270.8099
2026	48.9437	79.7848	330.4553	1.1056	108.2097	1.4349	109.6445	29.3499	1.3563	30.7062	0.0000	112,749.1844	112,749.1844	4.7365	5.4039	114,477.9689
2027	47.1960	78.0839	314.5382	1.0779	108.2096	1.4077	109.6173	29.3499	1.3312	30.6811	0.0000	109,908.8644	109,908.8644	4.5747	5.2321	111,582.4099
2028	45.5913	79.6166	301.2624	1.0529	108.2095	1.5989	109.5897	29.3499	1.4997	30.6556	0.0000	107,350.3145	107,350.3145	4.4376	5.0781	108,974.5417
2029	44.0034	78.3993	271.3815	0.9908	104.7436	1.5730	106.3166	27.9813	1.4758	29.4571	0.0000	101,208.8259	101,208.8259	3.0846	4.9397	102,757.9665
2030	42.9808	73.0593	263.2302	0.9800	104.7436	1.1436	105.8872	27.9813	1.1036	29.0849	0.0000	99,943.8622	99,943.8622	1.8985	4.8171	101,426.8239
2031	40.1714	65.1590	239.7062	0.9336	104.5759	0.7861	105.3620	27.9368	0.7480	28.6848	0.0000	95,408.3795	95,408.3795	1.6790	4.7066	96,852.9280
2032	38.9247	64.3835	232.3228	0.9180	104.5758	0.7663	105.3421	27.9368	0.7297	28.6665	0.0000	93,800.1916	93,800.1916	1.5941	4.6134	95,214.8476
2033	37.8169	63.7451	226.0076	0.9042	104.5757	0.7483	105.3241	27.9368	0.7131	28.6499	0.0000	92,386.8815	92,386.8815	1.5203	4.5340	93,776.0063
2034	36.8158	63.1787	220.3551	0.8921	104.5757	0.7314	105.3071	27.9368	0.6975	28.6343	0.0000	91,137.5527	91,137.5527	1.4540	4.4645	92,504.3140
2035	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2036	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2037	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2038	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2039	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2040	32.5780	60.6341	199.7938	0.8466	104.5756	0.5896	105.1652	27.9367	0.5608	28.4975	0.0000	86,447.7541	86,447.7541	1.1806	4.2180	87,734.2267
Maximum	**55.5601**	**91.2943**	**386.3382**	**1.2009**	**112.0604**	**1.7158**	**113.5786**	**31.7333**	**1.6298**	**33.1624**	**0.0000**	**122,763.0287**	**122,763.0287**	**4.9195**	**6.4742**	**124,807.0973**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	1.84	9.76	-1.05	0.00	2.20	24.07	2.48	2.89	23.46	3.79	0.00	0.00	0.00	0.00	0.00	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Total	**432.8494**	**182.2196**	**1,852.6495**	**2.5345**	**298.8465**	**8.1754**	**307.0219**	**79.6563**	**8.0964**	**87.7526**	**0.0000**	**277,804.0429**	**277,804.0429**	**15.5716**	**13.4075**	**282,188.7715**

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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Total	**432.8494**	**182.2196**	**1,852.6495**	**2.5345**	**298.8465**	**8.1754**	**307.0219**	**79.6563**	**8.0964**	**87.7526**	**0.0000**	**277,804.0429**	**277,804.0429**	**15.5716**	**13.4075**	**282,188.7715**

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

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20

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

Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	19,353.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	7,132.00	1,392.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,426.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

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

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.4709	0.0000	10.4709	1.5854	0.0000	1.5854			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**10.4709**	**0.9975**	**11.4684**	**1.5854**	**0.9280**	**2.5134**		**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

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

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1166	5.3213	1.6208	0.0272	0.8473	0.0560	0.9032	0.2323	0.0535	0.2859		2,961.8405	2,961.8405	0.1264	0.4695	3,104.9012
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	**0.1752**	**5.3566**	**2.1849**	**0.0287**	**1.0149**	**0.0568**	**1.0717**	**0.2768**	**0.0543**	**0.3311**		**3,113.1922**	**3,113.1922**	**0.1300**	**0.4731**	**3,257.4183**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8795	0.0000	3.8795	0.5874	0.0000	0.5874			0.0000			0.0000
Off-Road	0.7334	4.3163	23.0786	0.0388		0.1816	0.1816		0.1816	0.1816	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**0.7334**	**4.3163**	**23.0786**	**0.0388**	**3.8795**	**0.1816**	**4.0610**	**0.5874**	**0.1816**	**0.7690**	**0.0000**	**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1166	5.3213	1.6208	0.0272	0.8473	0.0560	0.9032	0.2323	0.0535	0.2859		2,961.8405	2,961.8405	0.1264	0.4695	3,104.9012
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	**0.1752**	**5.3566**	**2.1849**	**0.0287**	**1.0149**	**0.0568**	**1.0717**	**0.2768**	**0.0543**	**0.3311**		**3,113.1922**	**3,113.1922**	**0.1300**	**0.4731**	**3,257.4183**

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.4709	0.0000	10.4709	1.5854	0.0000	1.5854			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**10.4709**	**0.9602**	**11.4311**	**1.5854**	**0.8922**	**2.4776**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.2 Demolition - 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	0.1155	5.3391	1.6250	0.0267	0.8473	0.0552	0.9025	0.2323	0.0528	0.2852		2,910.3979	2,910.3979	0.1227	0.4613	3,050.9316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	**0.1700**	**5.3704**	**2.1494**	**0.0282**	**1.0149**	**0.0560**	**1.0709**	**0.2768**	**0.0536**	**0.3304**		**3,057.3330**	**3,057.3330**	**0.1260**	**0.4646**	**3,198.9449**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8795	0.0000	3.8795	0.5874	0.0000	0.5874			0.0000			0.0000
Off-Road	0.7126	4.1463	23.0713	0.0388		0.1638	0.1638		0.1638	0.1638	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**0.7126**	**4.1463**	**23.0713**	**0.0388**	**3.8795**	**0.1638**	**4.0433**	**0.5874**	**0.1638**	**0.7512**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.2 Demolition - 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	0.1155	5.3391	1.6250	0.0267	0.8473	0.0552	0.9025	0.2323	0.0528	0.2852		2,910.3979	2,910.3979	0.1227	0.4613	3,050.9316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	**0.1700**	**5.3704**	**2.1494**	**0.0282**	**1.0149**	**0.0560**	**1.0709**	**0.2768**	**0.0536**	**0.3304**		**3,057.3330**	**3,057.3330**	**0.1260**	**0.4646**	**3,198.9449**

3.2 Demolition - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.4709	0.0000	10.4709	1.5854	0.0000	1.5854			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**10.4709**	**0.8528**	**11.3237**	**1.5854**	**0.7920**	**2.3774**		**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1146	5.2895	1.6227	0.0261	0.8472	0.0550	0.9022	0.2323	0.0526	0.2849		2,848.3369	2,848.3369	0.1193	0.4515	2,985.8511
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	**0.1653**	**5.3175**	**2.1085**	**0.0275**	**1.0149**	**0.0557**	**1.0706**	**0.2768**	**0.0533**	**0.3301**		**2,990.2330**	**2,990.2330**	**0.1223**	**0.4546**	**3,128.7484**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8795	0.0000	3.8795	0.5874	0.0000	0.5874			0.0000			0.0000
Off-Road	0.6948	4.0014	23.0661	0.0388		0.1461	0.1461		0.1461	0.1461	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**0.6948**	**4.0014**	**23.0661**	**0.0388**	**3.8795**	**0.1461**	**4.0256**	**0.5874**	**0.1461**	**0.7335**	**0.0000**	**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1146	5.2895	1.6227	0.0261	0.8472	0.0550	0.9022	0.2323	0.0526	0.2849		2,848.3369	2,848.3369	0.1193	0.4515	2,985.8511
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	**0.1653**	**5.3175**	**2.1085**	**0.0275**	**1.0149**	**0.0557**	**1.0706**	**0.2768**	**0.0533**	**0.3301**		**2,990.2330**	**2,990.2330**	**0.1223**	**0.4546**	**3,128.7484**

3.3 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 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	0.0000
Vendor	1.6294	48.8252	20.4877	0.2491	8.9182	0.3669	9.2851	2.5680	0.3510	2.9190		26,715.0107	26,715.0107	0.6982	3.9451	27,908.0986
Worker	27.8700	16.8158	268.2313	0.7120	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		71,962.6833	71,962.6833	1.7405	1.7134	72,516.7952
Total	**29.4994**	**65.6410**	**288.7190**	**0.9611**	**88.6372**	**0.7596**	**89.3967**	**23.7099**	**0.7124**	**24.4223**		**98,677.6940**	**98,677.6940**	**2.4387**	**5.6585**	**100,424.8938**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3273	11.3151	16.9133	0.0269		0.5686	0.5686		0.5384	0.5384	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.3273**	**11.3151**	**16.9133**	**0.0269**		**0.5686**	**0.5686**		**0.5384**	**0.5384**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 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	0.0000
Vendor	1.6294	48.8252	20.4877	0.2491	8.9182	0.3669	9.2851	2.5680	0.3510	2.9190		26,715.0107	26,715.0107	0.6982	3.9451	27,908.0986
Worker	27.8700	16.8158	268.2313	0.7120	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		71,962.6833	71,962.6833	1.7405	1.7134	72,516.7952
Total	**29.4994**	**65.6410**	**288.7190**	**0.9611**	**88.6372**	**0.7596**	**89.3967**	**23.7099**	**0.7124**	**24.4223**		**98,677.6940**	**98,677.6940**	**2.4387**	**5.6585**	**100,424.8938**

3.3 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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 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	0.0000
Vendor	1.5918	49.2596	20.1471	0.2457	8.9181	0.3613	9.2794	2.5680	0.3456	2.9136		26,346.9928	26,346.9928	0.6770	3.8902	27,523.2041
Worker	25.8802	14.9215	249.3652	0.6912	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		69,862.7280	69,862.7280	1.5745	1.5884	70,375.4185
Total	**27.4721**	**64.1810**	**269.5123**	**0.9369**	**88.6371**	**0.7378**	**89.3749**	**23.7098**	**0.6922**	**24.4020**		**96,209.7208**	**96,209.7208**	**2.2515**	**5.4786**	**97,898.6225**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2433	10.6463	16.8883	0.0270		0.4940	0.4940		0.4678	0.4678	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.2433**	**10.6463**	**16.8883**	**0.0270**		**0.4940**	**0.4940**		**0.4678**	**0.4678**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 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	0.0000
Vendor	1.5918	49.2596	20.1471	0.2457	8.9181	0.3613	9.2794	2.5680	0.3456	2.9136		26,346.9928	26,346.9928	0.6770	3.8902	27,523.2041
Worker	25.8802	14.9215	249.3652	0.6912	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		69,862.7280	69,862.7280	1.5745	1.5884	70,375.4185
Total	**27.4721**	**64.1810**	**269.5123**	**0.9369**	**88.6371**	**0.7378**	**89.3749**	**23.7098**	**0.6922**	**24.4020**		**96,209.7208**	**96,209.7208**	**2.2515**	**5.4786**	**97,898.6225**

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.5612	48.9654	19.8309	0.2409	8.9180	0.3608	9.2788	2.5679	0.3451	2.9131		25,834.7692	25,834.7692	0.6576	3.8125	26,987.3218
Worker	24.0761	13.3116	230.9948	0.6675	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		67,466.9056	67,466.9056	1.4155	1.4785	67,942.8833
Total	**25.6373**	**62.2769**	**250.8257**	**0.9084**	**88.6370**	**0.7182**	**89.3551**	**23.7098**	**0.6740**	**24.3838**		**93,301.6748**	**93,301.6748**	**2.0730**	**5.2910**	**94,930.2050**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.5612	48.9654	19.8309	0.2409	8.9180	0.3608	9.2788	2.5679	0.3451	2.9131		25,834.7692	25,834.7692	0.6576	3.8125	26,987.3218
Worker	24.0761	13.3116	230.9948	0.6675	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		67,466.9056	67,466.9056	1.4155	1.4785	67,942.8833
Total	**25.6373**	**62.2769**	**250.8257**	**0.9084**	**88.6370**	**0.7182**	**89.3551**	**23.7098**	**0.6740**	**24.3838**		**93,301.6748**	**93,301.6748**	**2.0730**	**5.2910**	**94,930.2050**

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.5338	48.6032	19.5675	0.2362	8.9179	0.3586	9.2766	2.5679	0.3431	2.9110		25,321.3663	25,321.3663	0.6375	3.7344	26,450.1573
Worker	22.5090	11.9963	215.7266	0.6464	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		65,335.0517	65,335.0517	1.2800	1.3881	65,780.7027
Total	**24.0429**	**60.5995**	**235.2940**	**0.8826**	**88.6369**	**0.6971**	**89.3340**	**23.7098**	**0.6546**	**24.3643**		**90,656.4179**	**90,656.4179**	**1.9175**	**5.1225**	**92,230.8600**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.5338	48.6032	19.5675	0.2362	8.9179	0.3586	9.2766	2.5679	0.3431	2.9110		25,321.3663	25,321.3663	0.6375	3.7344	26,450.1573
Worker	22.5090	11.9963	215.7266	0.6464	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		65,335.0517	65,335.0517	1.2800	1.3881	65,780.7027
Total	**24.0429**	**60.5995**	**235.2940**	**0.8826**	**88.6369**	**0.6971**	**89.3340**	**23.7098**	**0.6546**	**24.3643**		**90,656.4179**	**90,656.4179**	**1.9175**	**5.1225**	**92,230.8600**

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5105	48.2374	19.3419	0.2312	8.9178	0.3562	9.2740	2.5679	0.3407	2.9086		24,785.8517	24,785.8517	0.6163	3.6539	25,890.1076
Worker	21.0754	10.8862	202.6801	0.6274	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		63,418.7690	63,418.7690	1.1631	1.3122	63,838.8919
Total	**22.5859**	**59.1236**	**222.0220**	**0.8587**	**88.6368**	**0.6741**	**89.3109**	**23.7097**	**0.6333**	**24.3430**		**88,204.6208**	**88,204.6208**	**1.7794**	**4.9661**	**89,728.9995**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5105	48.2374	19.3419	0.2312	8.9178	0.3562	9.2740	2.5679	0.3407	2.9086		24,785.8517	24,785.8517	0.6163	3.6539	25,890.1076
Worker	21.0754	10.8862	202.6801	0.6274	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		63,418.7690	63,418.7690	1.1631	1.3122	63,838.8919
Total	**22.5859**	**59.1236**	**222.0220**	**0.8587**	**88.6368**	**0.6741**	**89.3109**	**23.7097**	**0.6333**	**24.3430**		**88,204.6208**	**88,204.6208**	**1.7794**	**4.9661**	**89,728.9995**

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4917	47.9568	19.1636	0.2265	8.9178	0.3542	9.2719	2.5678	0.3388	2.9067		24,274.4225	24,274.4225	0.5993	3.5760	25,355.0421
Worker	19.7568	9.9548	191.7905	0.6106	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		61,716.7330	61,716.7330	1.0632	1.2490	62,115.5032
Total	**21.2485**	**57.9116**	**210.9541**	**0.8371**	**88.6367**	**0.6509**	**89.2876**	**23.7097**	**0.6118**	**24.3215**		**85,991.1555**	**85,991.1555**	**1.6625**	**4.8249**	**87,470.5453**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4917	47.9568	19.1636	0.2265	8.9178	0.3542	9.2719	2.5678	0.3388	2.9067		24,274.4225	24,274.4225	0.5993	3.5760	25,355.0421
Worker	19.7568	9.9548	191.7905	0.6106	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		61,716.7330	61,716.7330	1.0632	1.2490	62,115.5032
Total	**21.2485**	**57.9116**	**210.9541**	**0.8371**	**88.6367**	**0.6509**	**89.2876**	**23.7097**	**0.6118**	**24.3215**		**85,991.1555**	**85,991.1555**	**1.6625**	**4.8249**	**87,470.5453**

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4751	47.7028	19.0071	0.2221	8.9177	0.3523	9.2700	2.5678	0.3370	2.9048		23,795.4786	23,795.4786	0.5822	3.5029	24,853.9106
Worker	18.4900	9.1534	182.3120	0.5956	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		60,204.5286	60,204.5286	0.9753	1.1952	60,585.0948
Total	**19.9650**	**56.8562**	**201.3191**	**0.8177**	**88.6366**	**0.6291**	**89.2657**	**23.7097**	**0.5917**	**24.3013**		**84,000.0073**	**84,000.0073**	**1.5575**	**4.6982**	**85,439.0054**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4751	47.7028	19.0071	0.2221	8.9177	0.3523	9.2700	2.5678	0.3370	2.9048		23,795.4786	23,795.4786	0.5822	3.5029	24,853.9106
Worker	18.4900	9.1534	182.3120	0.5956	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		60,204.5286	60,204.5286	0.9753	1.1952	60,585.0948
Total	**19.9650**	**56.8562**	**201.3191**	**0.8177**	**88.6366**	**0.6291**	**89.2657**	**23.7097**	**0.5917**	**24.3013**		**84,000.0073**	**84,000.0073**	**1.5575**	**4.6982**	**85,439.0054**

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4620	47.4741	18.8861	0.2180	8.9176	0.3506	9.2682	2.5678	0.3354	2.9032		23,349.4897	23,349.4897	0.5662	3.4349	24,387.2459
Worker	17.3064	8.4677	174.2455	0.5824	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		58,865.2976	58,865.2976	0.8985	1.1499	59,230.4258
Total	**18.7684**	**55.9418**	**193.1315**	**0.8003**	**88.6366**	**0.6089**	**89.2455**	**23.7097**	**0.5730**	**24.2827**		**82,214.7873**	**82,214.7873**	**1.4647**	**4.5848**	**83,617.6716**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4620	47.4741	18.8861	0.2180	8.9176	0.3506	9.2682	2.5678	0.3354	2.9032		23,349.4897	23,349.4897	0.5662	3.4349	24,387.2459
Worker	17.3064	8.4677	174.2455	0.5824	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		58,865.2976	58,865.2976	0.8985	1.1499	59,230.4258
Total	**18.7684**	**55.9418**	**193.1315**	**0.8003**	**88.6366**	**0.6089**	**89.2455**	**23.7097**	**0.5730**	**24.2827**		**82,214.7873**	**82,214.7873**	**1.4647**	**4.5848**	**83,617.6716**

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4519	47.4344	18.8328	0.2143	8.9176	0.3427	9.2602	2.5678	0.3278	2.8956		22,947.2511	22,947.2511	0.5521	3.3729	23,966.1741
Worker	16.1578	7.8655	168.1996	0.5712	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		57,737.8099	57,737.8099	0.8328	1.1115	58,089.8552
Total	**17.6097**	**55.3000**	**187.0324**	**0.7855**	**88.6365**	**0.5857**	**89.2222**	**23.7096**	**0.5514**	**24.2610**		**80,685.0610**	**80,685.0610**	**1.3849**	**4.4844**	**82,056.0292**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4519	47.4344	18.8328	0.2143	8.9176	0.3427	9.2602	2.5678	0.3278	2.8956		22,947.2511	22,947.2511	0.5521	3.3729	23,966.1741
Worker	16.1578	7.8655	168.1996	0.5712	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		57,737.8099	57,737.8099	0.8328	1.1115	58,089.8552
Total	**17.6097**	**55.3000**	**187.0324**	**0.7855**	**88.6365**	**0.5857**	**89.2222**	**23.7096**	**0.5514**	**24.2610**		**80,685.0610**	**80,685.0610**	**1.3849**	**4.4844**	**82,056.0292**

3.3 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4458	47.2650	18.7939	0.2110	8.9175	0.3415	9.2590	2.5678	0.3267	2.8944		22,593.8917	22,593.8917	0.5389	3.3186	23,596.3023
Worker	15.1239	7.3605	162.0789	0.5609	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		56,692.0705	56,692.0705	0.7730	1.0791	57,032.9653
Total	**16.5697**	**54.6254**	**180.8728**	**0.7719**	**88.6365**	**0.5689**	**89.2054**	**23.7096**	**0.5359**	**24.2455**		**79,285.9622**	**79,285.9622**	**1.3120**	**4.3977**	**80,629.2676**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4458	47.2650	18.7939	0.2110	8.9175	0.3415	9.2590	2.5678	0.3267	2.8944		22,593.8917	22,593.8917	0.5389	3.3186	23,596.3023
Worker	15.1239	7.3605	162.0789	0.5609	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		56,692.0705	56,692.0705	0.7730	1.0791	57,032.9653
Total	**16.5697**	**54.6254**	**180.8728**	**0.7719**	**88.6365**	**0.5689**	**89.2054**	**23.7096**	**0.5359**	**24.2455**		**79,285.9622**	**79,285.9622**	**1.3120**	**4.3977**	**80,629.2676**

3.3 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4423	47.1277	18.7811	0.2082	8.9175	0.3404	9.2579	2.5677	0.3256	2.8934		22,284.1950	22,284.1950	0.5276	3.2712	23,272.1881
Worker	14.2036	6.9429	156.8267	0.5518	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		55,772.3498	55,772.3498	0.7209	1.0524	56,103.9826
Total	**15.6459**	**54.0706**	**175.6078**	**0.7600**	**88.6364**	**0.5538**	**89.1902**	**23.7096**	**0.5220**	**24.2315**		**78,056.5448**	**78,056.5448**	**1.2485**	**4.3235**	**79,376.1707**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4423	47.1277	18.7811	0.2082	8.9175	0.3404	9.2579	2.5677	0.3256	2.8934		22,284.1950	22,284.1950	0.5276	3.2712	23,272.1881
Worker	14.2036	6.9429	156.8267	0.5518	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		55,772.3498	55,772.3498	0.7209	1.0524	56,103.9826
Total	**15.6459**	**54.0706**	**175.6078**	**0.7600**	**88.6364**	**0.5538**	**89.1902**	**23.7096**	**0.5220**	**24.2315**		**78,056.5448**	**78,056.5448**	**1.2485**	**4.3235**	**79,376.1707**

3.3 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4399	46.9787	18.7765	0.2057	8.9174	0.3391	9.2565	2.5677	0.3244	2.8921		22,005.3270	22,005.3270	0.5175	3.2284	22,980.3135
Worker	13.3713	6.5950	152.1199	0.5438	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		54,963.5947	54,963.5947	0.6741	1.0301	55,287.4297
Total	**14.8112**	**53.5736**	**170.8963**	**0.7494**	**88.6364**	**0.5395**	**89.1758**	**23.7096**	**0.5088**	**24.2183**		**76,968.9216**	**76,968.9216**	**1.1916**	**4.2585**	**78,267.7432**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4399	46.9787	18.7765	0.2057	8.9174	0.3391	9.2565	2.5677	0.3244	2.8921		22,005.3270	22,005.3270	0.5175	3.2284	22,980.3135
Worker	13.3713	6.5950	152.1199	0.5438	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		54,963.5947	54,963.5947	0.6741	1.0301	55,287.4297
Total	**14.8112**	**53.5736**	**170.8963**	**0.7494**	**88.6364**	**0.5395**	**89.1758**	**23.7096**	**0.5088**	**24.2183**		**76,968.9216**	**76,968.9216**	**1.1916**	**4.2585**	**78,267.7432**

3.3 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

3.3 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

3.3 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

3.3 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

3.3 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	**14.0752**	**53.1614**	**166.9206**	**0.7402**	**88.6363**	**0.5265**	**89.1629**	**23.7096**	**0.4968**	**24.2063**		**76,017.1068**	**76,017.1068**	**1.1422**	**4.2031**	**77,298.1884**

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	**1.1970**	**6.8903**	**16.1185**	**0.0310**		**0.0737**	**0.0737**		**0.0737**	**0.0737**		**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4373	46.5036	18.7966	0.1958	8.9173	0.3348	9.2521	2.5677	0.3203	2.8880		20,920.0826	20,920.0826	0.4707	3.0638	21,844.8495
Worker	9.9235	5.5003	135.0020	0.5140	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		51,959.6588	51,959.6588	0.4966	0.9619	52,258.7184
Total	**11.3608**	**52.0039**	**153.7985**	**0.7099**	**88.6363**	**0.4838**	**89.1201**	**23.7095**	**0.4574**	**24.1669**		**72,879.7414**	**72,879.7414**	**0.9673**	**4.0257**	**74,103.5679**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0574	6.8035	17.2102	0.0310		0.0686	0.0686		0.0686	0.0686	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	**1.0574**	**6.8035**	**17.2102**	**0.0310**		**0.0686**	**0.0686**		**0.0686**	**0.0686**	**0.0000**	**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.3 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4373	46.5036	18.7966	0.1958	8.9173	0.3348	9.2521	2.5677	0.3203	2.8880		20,920.0826	20,920.0826	0.4707	3.0638	21,844.8495
Worker	9.9235	5.5003	135.0020	0.5140	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		51,959.6588	51,959.6588	0.4966	0.9619	52,258.7184
Total	**11.3608**	**52.0039**	**153.7985**	**0.7099**	**88.6363**	**0.4838**	**89.1201**	**23.7095**	**0.4574**	**24.1669**		**72,879.7414**	**72,879.7414**	**0.9673**	**4.0257**	**74,103.5679**

3.4 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**18.2524**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 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	0.0000
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
Worker	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.5006	14,388.5006	0.3480	0.3426	14,499.2919
Total	**5.5724**	**3.3622**	**53.6312**	**0.1424**	**15.9393**	**0.0785**	**16.0178**	**4.2272**	**0.0723**	**4.2995**		**14,388.5006**	**14,388.5006**	**0.3480**	**0.3426**	**14,499.2919**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**18.2524**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 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	0.0000
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
Worker	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.5006	14,388.5006	0.3480	0.3426	14,499.2919
Total	**5.5724**	**3.3622**	**53.6312**	**0.1424**	**15.9393**	**0.0785**	**16.0178**	**4.2272**	**0.0723**	**4.2995**		**14,388.5006**	**14,388.5006**	**0.3480**	**0.3426**	**14,499.2919**

3.4 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**18.2415**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 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	0.0000
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
Worker	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.6273	13,968.6273	0.3148	0.3176	14,071.1367
Total	**5.1746**	**2.9835**	**49.8591**	**0.1382**	**15.9393**	**0.0753**	**16.0146**	**4.2272**	**0.0693**	**4.2965**		**13,968.6273**	**13,968.6273**	**0.3148**	**0.3176**	**14,071.1367**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**18.2415**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 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	0.0000
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
Worker	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.6273	13,968.6273	0.3148	0.3176	14,071.1367
Total	**5.1746**	**2.9835**	**49.8591**	**0.1382**	**15.9393**	**0.0753**	**16.0146**	**4.2272**	**0.0693**	**4.2965**		**13,968.6273**	**13,968.6273**	**0.3148**	**0.3176**	**14,071.1367**

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.5972	13,489.5972	0.2830	0.2956	13,584.7661
Total	**4.8139**	**2.6616**	**46.1860**	**0.1335**	**15.9393**	**0.0715**	**16.0108**	**4.2272**	**0.0658**	**4.2930**		**13,489.5972**	**13,489.5972**	**0.2830**	**0.2956**	**13,584.7661**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.5972	13,489.5972	0.2830	0.2956	13,584.7661
Total	**4.8139**	**2.6616**	**46.1860**	**0.1335**	**15.9393**	**0.0715**	**16.0108**	**4.2272**	**0.0658**	**4.2930**		**13,489.5972**	**13,489.5972**	**0.2830**	**0.2956**	**13,584.7661**

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.3460	13,063.3460	0.2559	0.2775	13,152.4512
Total	**4.5005**	**2.3986**	**43.1332**	**0.1292**	**15.9393**	**0.0677**	**16.0070**	**4.2272**	**0.0623**	**4.2895**		**13,063.3460**	**13,063.3460**	**0.2559**	**0.2775**	**13,152.4512**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.3460	13,063.3460	0.2559	0.2775	13,152.4512
Total	**4.5005**	**2.3986**	**43.1332**	**0.1292**	**15.9393**	**0.0677**	**16.0070**	**4.2272**	**0.0623**	**4.2895**		**13,063.3460**	**13,063.3460**	**0.2559**	**0.2775**	**13,152.4512**

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.1970	12,680.1970	0.2326	0.2624	12,764.1980
Total	**4.2139**	**2.1766**	**40.5247**	**0.1255**	**15.9393**	**0.0636**	**16.0029**	**4.2272**	**0.0585**	**4.2857**		**12,680.1970**	**12,680.1970**	**0.2326**	**0.2624**	**12,764.1980**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.1970	12,680.1970	0.2326	0.2624	12,764.1980
Total	**4.2139**	**2.1766**	**40.5247**	**0.1255**	**15.9393**	**0.0636**	**16.0029**	**4.2272**	**0.0585**	**4.2857**		**12,680.1970**	**12,680.1970**	**0.2326**	**0.2624**	**12,764.1980**

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.8852	12,339.8852	0.2126	0.2497	12,419.6169
Total	**3.9503**	**1.9904**	**38.3473**	**0.1221**	**15.9393**	**0.0593**	**15.9986**	**4.2272**	**0.0546**	**4.2818**		**12,339.8852**	**12,339.8852**	**0.2126**	**0.2497**	**12,419.6169**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.8852	12,339.8852	0.2126	0.2497	12,419.6169
Total	**3.9503**	**1.9904**	**38.3473**	**0.1221**	**15.9393**	**0.0593**	**15.9986**	**4.2272**	**0.0546**	**4.2818**		**12,339.8852**	**12,339.8852**	**0.2126**	**0.2497**	**12,419.6169**

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.5291	12,037.5291	0.1950	0.2390	12,113.6210
Total	**3.6970**	**1.8302**	**36.4522**	**0.1191**	**15.9393**	**0.0553**	**15.9947**	**4.2272**	**0.0509**	**4.2781**		**12,037.5291**	**12,037.5291**	**0.1950**	**0.2390**	**12,113.6210**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.5291	12,037.5291	0.1950	0.2390	12,113.6210
Total	**3.6970**	**1.8302**	**36.4522**	**0.1191**	**15.9393**	**0.0553**	**15.9947**	**4.2272**	**0.0509**	**4.2781**		**12,037.5291**	**12,037.5291**	**0.1950**	**0.2390**	**12,113.6210**

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.7580	11,769.7580	0.1797	0.2299	11,842.7632
Total	**3.4603**	**1.6931**	**34.8393**	**0.1164**	**15.9393**	**0.0516**	**15.9910**	**4.2272**	**0.0475**	**4.2747**		**11,769.7580**	**11,769.7580**	**0.1797**	**0.2299**	**11,842.7632**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.7580	11,769.7580	0.1797	0.2299	11,842.7632
Total	**3.4603**	**1.6931**	**34.8393**	**0.1164**	**15.9393**	**0.0516**	**15.9910**	**4.2272**	**0.0475**	**4.2747**		**11,769.7580**	**11,769.7580**	**0.1797**	**0.2299**	**11,842.7632**

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.3237	11,544.3237	0.1665	0.2222	11,614.7131
Total	**3.2307**	**1.5727**	**33.6305**	**0.1142**	**15.9393**	**0.0486**	**15.9879**	**4.2272**	**0.0447**	**4.2719**		**11,544.3237**	**11,544.3237**	**0.1665**	**0.2222**	**11,614.7131**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.3237	11,544.3237	0.1665	0.2222	11,614.7131
Total	**3.2307**	**1.5727**	**33.6305**	**0.1142**	**15.9393**	**0.0486**	**15.9879**	**4.2272**	**0.0447**	**4.2719**		**11,544.3237**	**11,544.3237**	**0.1665**	**0.2222**	**11,614.7131**

3.4 Architectural Coating - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.2345	11,335.2345	0.1546	0.2158	11,403.3943
Total	**3.0239**	**1.4717**	**32.4067**	**0.1121**	**15.9393**	**0.0455**	**15.9848**	**4.2272**	**0.0418**	**4.2690**		**11,335.2345**	**11,335.2345**	**0.1546**	**0.2158**	**11,403.3943**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.2345	11,335.2345	0.1546	0.2158	11,403.3943
Total	**3.0239**	**1.4717**	**32.4067**	**0.1121**	**15.9393**	**0.0455**	**15.9848**	**4.2272**	**0.0418**	**4.2690**		**11,335.2345**	**11,335.2345**	**0.1546**	**0.2158**	**11,403.3943**

3.4 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.3420	11,151.3420	0.1441	0.2104	11,217.6499
Total	**2.8399**	**1.3882**	**31.3565**	**0.1103**	**15.9393**	**0.0427**	**15.9820**	**4.2272**	**0.0393**	**4.2664**		**11,151.3420**	**11,151.3420**	**0.1441**	**0.2104**	**11,217.6499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.3420	11,151.3420	0.1441	0.2104	11,217.6499
Total	**2.8399**	**1.3882**	**31.3565**	**0.1103**	**15.9393**	**0.0427**	**15.9820**	**4.2272**	**0.0393**	**4.2664**		**11,151.3420**	**11,151.3420**	**0.1441**	**0.2104**	**11,217.6499**

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.6363	10,989.6363	0.1348	0.2060	11,054.3851
Total	**2.6735**	**1.3186**	**30.4154**	**0.1087**	**15.9393**	**0.0401**	**15.9794**	**4.2272**	**0.0369**	**4.2641**		**10,989.6363**	**10,989.6363**	**0.1348**	**0.2060**	**11,054.3851**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.6363	10,989.6363	0.1348	0.2060	11,054.3851
Total	**2.6735**	**1.3186**	**30.4154**	**0.1087**	**15.9393**	**0.0401**	**15.9794**	**4.2272**	**0.0369**	**4.2641**		**10,989.6363**	**10,989.6363**	**0.1348**	**0.2060**	**11,054.3851**

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

3.4 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

3.4 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	**2.5268**	**1.2649**	**29.6210**	**0.1073**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**10,848.7851**	**10,848.7851**	**0.1267**	**0.2025**	**10,912.2942**

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**18.1757**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.0176	10,389.0176	0.0993	0.1923	10,448.8127
Total	**1.9841**	**1.0998**	**26.9928**	**0.1028**	**15.9393**	**0.0298**	**15.9691**	**4.2272**	**0.0274**	**4.2546**		**10,389.0176**	**10,389.0176**	**0.0993**	**0.1923**	**10,448.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**18.1757**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.4 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.0176	10,389.0176	0.0993	0.1923	10,448.8127
Total	**1.9841**	**1.0998**	**26.9928**	**0.1028**	**15.9393**	**0.0298**	**15.9691**	**4.2272**	**0.0274**	**4.2546**		**10,389.0176**	**10,389.0176**	**0.0993**	**0.1923**	**10,448.8127**

3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**19.6570**	**1.0868**	**20.7438**	**10.1025**	**0.9999**	**11.1023**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.5 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	**0.0608**	**0.0336**	**0.5830**	**1.6800e-003**	**0.2012**	**9.0000e-004**	**0.2021**	**0.0534**	**8.3000e-004**	**0.0542**		**170.2754**	**170.2754**	**3.5700e-003**	**3.7300e-003**	**171.4767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	0.8422	6.6996	20.4194	0.0381		0.2582	0.2582		0.2409	0.2409	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**0.8422**	**6.6996**	**20.4194**	**0.0381**	**7.2829**	**0.2582**	**7.5411**	**3.7430**	**0.2409**	**3.9839**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.5 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	**0.0608**	**0.0336**	**0.5830**	**1.6800e-003**	**0.2012**	**9.0000e-004**	**0.2021**	**0.0534**	**8.3000e-004**	**0.0542**		**170.2754**	**170.2754**	**3.5700e-003**	**3.7300e-003**	**171.4767**

3.6 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	**0.0675**	**0.0373**	**0.6478**	**1.8700e-003**	**0.2236**	**1.0000e-003**	**0.2246**	**0.0593**	**9.2000e-004**	**0.0602**		**189.1949**	**189.1949**	**3.9700e-003**	**4.1500e-003**	**190.5297**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	**0.0675**	**0.0373**	**0.6478**	**1.8700e-003**	**0.2236**	**1.0000e-003**	**0.2246**	**0.0593**	**9.2000e-004**	**0.0602**		**189.1949**	**189.1949**	**3.9700e-003**	**4.1500e-003**	**190.5297**

3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	**0.0631**	**0.0336**	**0.6050**	**1.8100e-003**	**0.2236**	**9.5000e-004**	**0.2245**	**0.0593**	**8.7000e-004**	**0.0602**		**183.2166**	**183.2166**	**3.5900e-003**	**3.8900e-003**	**184.4664**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	**0.0631**	**0.0336**	**0.6050**	**1.8100e-003**	**0.2236**	**9.5000e-004**	**0.2245**	**0.0593**	**8.7000e-004**	**0.0602**		**183.2166**	**183.2166**	**3.5900e-003**	**3.8900e-003**	**184.4664**

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	**0.0591**	**0.0305**	**0.5684**	**1.7600e-003**	**0.2236**	**8.9000e-004**	**0.2244**	**0.0593**	**8.2000e-004**	**0.0601**		**177.8429**	**177.8429**	**3.2600e-003**	**3.6800e-003**	**179.0210**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	**0.0591**	**0.0305**	**0.5684**	**1.7600e-003**	**0.2236**	**8.9000e-004**	**0.2244**	**0.0593**	**8.2000e-004**	**0.0601**		**177.8429**	**177.8429**	**3.2600e-003**	**3.6800e-003**	**179.0210**

3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	**0.0554**	**0.0279**	**0.5378**	**1.7100e-003**	**0.2236**	**8.3000e-004**	**0.2244**	**0.0593**	**7.7000e-004**	**0.0601**		**173.0699**	**173.0699**	**2.9800e-003**	**3.5000e-003**	**174.1882**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.6 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	**0.0554**	**0.0279**	**0.5378**	**1.7100e-003**	**0.2236**	**8.3000e-004**	**0.2244**	**0.0593**	**7.7000e-004**	**0.0601**		**173.0699**	**173.0699**	**2.9800e-003**	**3.5000e-003**	**174.1882**

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	**0.0416**	**0.0209**	**0.4034**	**1.2800e-003**	**0.1677**	**6.2000e-004**	**0.1683**	**0.0445**	**5.7000e-004**	**0.0450**		**129.8024**	**129.8024**	**2.2400e-003**	**2.6300e-003**	**130.6411**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	**0.0416**	**0.0209**	**0.4034**	**1.2800e-003**	**0.1677**	**6.2000e-004**	**0.1683**	**0.0445**	**5.7000e-004**	**0.0450**		**129.8024**	**129.8024**	**2.2400e-003**	**2.6300e-003**	**130.6411**

3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	**0.0389**	**0.0193**	**0.3834**	**1.2500e-003**	**0.1677**	**5.8000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**126.6220**	**126.6220**	**2.0500e-003**	**2.5100e-003**	**127.4224**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	**0.0389**	**0.0193**	**0.3834**	**1.2500e-003**	**0.1677**	**5.8000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**126.6220**	**126.6220**	**2.0500e-003**	**2.5100e-003**	**127.4224**

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3845**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**		**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	**0.0364**	**0.0178**	**0.3665**	**1.2200e-003**	**0.1677**	**5.4000e-004**	**0.1682**	**0.0445**	**5.0000e-004**	**0.0450**		**123.8053**	**123.8053**	**1.8900e-003**	**2.4200e-003**	**124.5733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3845**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

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

3.7 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	**0.0364**	**0.0178**	**0.3665**	**1.2200e-003**	**0.1677**	**5.4000e-004**	**0.1682**	**0.0445**	**5.0000e-004**	**0.0450**		**123.8053**	**123.8053**	**1.8900e-003**	**2.4200e-003**	**124.5733**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Unmitigated	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
NaturalGas Unmitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24508.8	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70728.8	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1902.96	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1515.29	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29139.4	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5726.73	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7723.41	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		**4.1183**	**35.2922**	**15.7034**	**0.2246**		**2.8454**	**2.8454**		**2.8454**	**2.8454**		**44,927.1468**	**44,927.1468**	**0.8611**	**0.8237**	**45,194.1263**

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110.408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130.228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24.5088	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70.7288	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1.90296	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1.51529	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29.1394	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5.72673	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7.72341	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		**4.1183**	**35.2922**	**15.7034**	**0.2246**		**2.8454**	**2.8454**		**2.8454**	**2.8454**		**44,927.1468**	**44,927.1468**	**0.8611**	**0.8237**	**45,194.1263**

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Unmitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

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	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.7032	1,322.7032	1.2600		1,354.2020
Total	**279.8297**	**8.4405**	**731.3081**	**0.0388**		**4.0728**	**4.0728**		**4.0728**	**4.0728**	**0.0000**	**1,322.7032**	**1,322.7032**	**1.2600**	**0.0000**	**1,354.2020**

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.7032	1,322.7032	1.2600		1,354.2020
Total	**279.8297**	**8.4405**	**731.3081**	**0.0388**		**4.0728**	**4.0728**		**4.0728**	**4.0728**	**0.0000**	**1,322.7032**	**1,322.7032**	**1.2600**	**0.0000**	**1,354.2020**

7.0 Water Detail

7.1 Mitigation Measures Water

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

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Fontana Downtown Core Project

San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Figitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Demolition - Approximately up to 4,254,931 square feet to be demolished, according to Project applicant.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58
tblLandUse	LotAcreage	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34

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

tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	55.9887	115.6070	325.8425	1.1210	116.0623	2.6645	118.7269	29.7992	2.4978	32.2970	0.0000	114,699.2960	114,699.2960	4.5873	6.5533	116,766.8725
2024	53.5823	112.0443	307.0971	1.0947	116.0622	2.5051	118.5673	29.7992	2.3465	32.1457	0.0000	112,010.3025	112,010.3025	4.3611	6.3342	114,006.9162
2025	51.9748	110.0970	293.8962	1.0637	124.4345	2.5020	126.8923	38.0928	2.3302	40.3824	0.0000	108,844.6207	108,844.6207	4.9245	6.1096	110,768.9182
2026	50.1876	108.0521	278.6828	1.0336	114.0033	2.4770	116.4804	31.6500	2.3072	33.9572	0.0000	105,470.8536	105,470.8536	4.7444	5.4676	107,218.8212
2027	48.5439	106.2639	265.6494	1.0080	114.0032	2.4498	116.4530	31.6499	2.2820	33.9319	0.0000	102,854.9000	102,854.9000	4.5847	5.2924	104,546.6507
2028	47.0218	104.7910	254.7624	0.9850	114.0032	2.4223	116.4254	31.6499	2.2566	33.9065	0.0000	100,493.3041	100,493.3041	4.4489	5.1355	102,134.8958
2029	43.5589	84.1421	233.3952	0.9246	104.7436	1.6838	106.4274	27.9813	1.5771	29.5584	0.0000	94,528.5081	94,528.5081	3.0969	4.9944	96,094.2733
2030	42.5626	76.7491	226.6438	0.9154	104.7436	1.1613	105.9049	27.9813	1.1213	29.1026	0.0000	93,414.7806	93,414.7806	1.9113	4.8697	94,913.7329
2031	39.8133	68.8063	204.3940	0.8703	104.5759	0.8039	105.3797	27.9368	0.7656	28.7025	0.0000	89,015.1925	89,015.1925	1.6916	4.7572	90,475.1267
2032	38.6222	67.9932	198.3021	0.8558	104.5758	0.7840	105.3598	27.9368	0.7473	28.6841	0.0000	87,523.0904	87,523.0904	1.6069	4.6625	88,952.6734
2033	37.5661	67.3259	193.0896	0.8431	104.5757	0.7660	105.3418	27.9368	0.7308	28.6675	0.0000	86,211.5469	86,211.5469	1.5330	4.5817	87,615.2237
2034	36.6224	66.7352	188.4274	0.8318	104.5757	0.7491	105.3248	27.9368	0.7152	28.6519	0.0000	85,051.6240	85,051.6240	1.4666	4.5112	86,432.6298
2035	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2036	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2037	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2038	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2039	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2040	32.6148	63.7055	171.4148	0.7896	104.5756	0.5959	105.1714	27.9367	0.5670	28.5037	0.0000	80,694.2059	80,694.2059	1.1921	4.2617	81,993.9851
Maximum	**55.9887**	**115.6070**	**325.8425**	**1.1210**	**124.4345**	**2.6645**	**126.8923**	**38.0928**	**2.4978**	**40.3824**	**0.0000**	**114,699.2960**	**114,699.2960**	**4.9245**	**6.5533**	**116,766.8725**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	54.2076	95.3691	329.9470	1.1210	109.4709	1.7174	111.1883	28.8012	1.6313	30.4326	0.0000	114,699.2959	114,699.2959	4.5873	6.5533	116,766.8725
2024	51.8229	92.5150	311.1825	1.0947	109.4708	1.5895	111.0602	28.8012	1.5091	30.3102	0.0000	112,010.3025	112,010.3025	4.3611	6.3342	114,006.9162
2025	49.8118	89.2188	301.0945	1.0637	112.0604	1.5196	113.5800	31.7333	1.4305	33.1638	0.0000	108,844.6207	108,844.6207	4.9245	6.1096	110,768.9182
2026	48.0246	83.2471	285.8810	1.0336	108.2097	1.4362	109.6459	29.3499	1.3576	30.7075	0.0000	105,470.8536	105,470.8536	4.7444	5.4676	107,218.8212
2027	46.3808	81.4589	272.8476	1.0080	108.2096	1.4090	109.6185	29.3499	1.3324	30.6823	0.0000	102,854.9000	102,854.9000	4.5847	5.2924	104,546.6507
2028	44.8588	82.9193	261.9607	0.9850	108.2095	1.6001	109.5909	29.3499	1.5009	30.6568	0.0000	100,493.3041	100,493.3041	4.4489	5.1355	102,134.8957
2029	43.3472	81.6390	234.1502	0.9246	104.7436	1.5742	106.3179	27.9813	1.4770	29.4583	0.0000	94,528.5081	94,528.5081	3.0969	4.9944	96,094.2733
2030	42.3931	76.2446	227.7324	0.9154	104.7436	1.1448	105.8884	27.9813	1.1047	29.0860	0.0000	93,414.7806	93,414.7806	1.9113	4.8697	94,913.7329
2031	39.6437	68.3018	205.4827	0.8703	104.5759	0.7873	105.3632	27.9368	0.7491	28.6859	0.0000	89,015.1925	89,015.1925	1.6916	4.7572	90,475.1267
2032	38.4526	67.4887	199.3907	0.8558	104.5758	0.7674	105.3432	27.9368	0.7308	28.6676	0.0000	87,523.0904	87,523.0904	1.6069	4.6625	88,952.6734
2033	37.3966	66.8214	194.1783	0.8431	104.5757	0.7495	105.3252	27.9368	0.7142	28.6510	0.0000	86,211.5469	86,211.5469	1.5330	4.5817	87,615.2237
2034	36.4528	66.2307	189.5160	0.8318	104.5757	0.7326	105.3083	27.9368	0.6986	28.6354	0.0000	85,051.6240	85,051.6240	1.4666	4.5112	86,432.6298
2035	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2036	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2037	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2038	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2039	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2040	32.4752	63.6187	172.5065	0.7896	104.5756	0.5907	105.1663	27.9367	0.5619	28.4986	0.0000	80,694.2059	80,694.2059	1.1921	4.2617	81,993.9851
Maximum	**54.2076**	**95.3691**	**329.9470**	**1.1210**	**112.0604**	**1.7174**	**113.5800**	**31.7333**	**1.6313**	**33.1638**	**0.0000**	**114,699.2959**	**114,699.2959**	**4.9245**	**6.5533**	**116,766.8725**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	1.87	9.35	-1.22	0.00	2.20	24.05	2.48	2.89	23.44	3.79	0.00	0.00	0.00	0.00	0.00	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731
Total	**405.9406**	**191.7788**	**1,797.3895**	**2.3761**	**298.8465**	**8.1780**	**307.0245**	**79.6563**	**8.0989**	**87.7551**	**0.0000**	**261,805.4071**	**261,805.4071**	**16.2119**	**13.7604**	**266,311.3014**

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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731
Total	**405.9406**	**191.7788**	**1,797.3895**	**2.3761**	**298.8465**	**8.1780**	**307.0245**	**79.6563**	**8.0989**	**87.7551**	**0.0000**	**261,805.4071**	**261,805.4071**	**16.2119**	**13.7604**	**266,311.3014**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	19,353.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	7,132.00	1,392.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,426.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.4709	0.0000	10.4709	1.5854	0.0000	1.5854			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**2.2691**	**21.4844**	**19.6434**	**0.0388**	**10.4709**	**0.9975**	**11.4684**	**1.5854**	**0.9280**	**2.5134**		**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1078	5.6095	1.6501	0.0272	0.8473	0.0561	0.9033	0.2323	0.0536	0.2860		2,966.3097	2,966.3097	0.1259	0.4702	3,109.5701
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	**0.1643**	**5.6467**	**2.1144**	**0.0286**	**1.0149**	**0.0569**	**1.0718**	**0.2768**	**0.0544**	**0.3312**		**3,103.4313**	**3,103.4313**	**0.1296**	**0.4739**	**3,247.8917**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8795	0.0000	3.8795	0.5874	0.0000	0.5874			0.0000			0.0000
Off-Road	0.7334	4.3163	23.0786	0.0388		0.1816	0.1816		0.1816	0.1816	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	**0.7334**	**4.3163**	**23.0786**	**0.0388**	**3.8795**	**0.1816**	**4.0610**	**0.5874**	**0.1816**	**0.7690**	**0.0000**	**3,746.9840**	**3,746.9840**	**1.0494**		**3,773.2183**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1078	5.6095	1.6501	0.0272	0.8473	0.0561	0.9033	0.2323	0.0536	0.2860		2,966.3097	2,966.3097	0.1259	0.4702	3,109.5701
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	**0.1643**	**5.6467**	**2.1144**	**0.0286**	**1.0149**	**0.0569**	**1.0718**	**0.2768**	**0.0544**	**0.3312**		**3,103.4313**	**3,103.4313**	**0.1296**	**0.4739**	**3,247.8917**

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.4709	0.0000	10.4709	1.5854	0.0000	1.5854			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**10.4709**	**0.9602**	**11.4311**	**1.5854**	**0.8922**	**2.4776**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

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

3.2 Demolition - 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	0.1068	5.6281	1.6541	0.0268	0.8473	0.0553	0.9026	0.2323	0.0529	0.2853		2,914.8220	2,914.8220	0.1223	0.4620	3,055.5532
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	**0.1593**	**5.6610**	**2.0862**	**0.0281**	**1.0149**	**0.0561**	**1.0710**	**0.2768**	**0.0537**	**0.3304**		**3,047.9718**	**3,047.9718**	**0.1256**	**0.4654**	**3,189.8132**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8795	0.0000	3.8795	0.5874	0.0000	0.5874			0.0000			0.0000
Off-Road	0.7126	4.1463	23.0713	0.0388		0.1638	0.1638		0.1638	0.1638	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**0.7126**	**4.1463**	**23.0713**	**0.0388**	**3.8795**	**0.1638**	**4.0433**	**0.5874**	**0.1638**	**0.7512**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

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

3.2 Demolition - 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	0.1068	5.6281	1.6541	0.0268	0.8473	0.0553	0.9026	0.2323	0.0529	0.2853		2,914.8220	2,914.8220	0.1223	0.4620	3,055.5532
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	**0.1593**	**5.6610**	**2.0862**	**0.0281**	**1.0149**	**0.0561**	**1.0710**	**0.2768**	**0.0537**	**0.3304**		**3,047.9718**	**3,047.9718**	**0.1256**	**0.4654**	**3,189.8132**

3.2 Demolition - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.4709	0.0000	10.4709	1.5854	0.0000	1.5854			0.0000			0.0000
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**2.0926**	**19.1966**	**19.4184**	**0.0388**	**10.4709**	**0.8528**	**11.3237**	**1.5854**	**0.7920**	**2.3774**		**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

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

3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1059	5.5762	1.6517	0.0262	0.8472	0.0551	0.9023	0.2323	0.0527	0.2850		2,852.7015	2,852.7015	0.1189	0.4521	2,990.4106
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	**0.1549**	**5.6056**	**2.0525**	**0.0275**	**1.0149**	**0.0558**	**1.0707**	**0.2768**	**0.0534**	**0.3302**		**2,981.3167**	**2,981.3167**	**0.1219**	**0.4554**	**3,120.0565**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.8795	0.0000	3.8795	0.5874	0.0000	0.5874			0.0000			0.0000
Off-Road	0.6948	4.0014	23.0661	0.0388		0.1461	0.1461		0.1461	0.1461	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	**0.6948**	**4.0014**	**23.0661**	**0.0388**	**3.8795**	**0.1461**	**4.0256**	**0.5874**	**0.1461**	**0.7335**	**0.0000**	**3,747.5996**	**3,747.5996**	**1.0464**		**3,773.7606**

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

3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1059	5.5762	1.6517	0.0262	0.8472	0.0551	0.9023	0.2323	0.0527	0.2850		2,852.7015	2,852.7015	0.1189	0.4521	2,990.4106
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	**0.1549**	**5.6056**	**2.0525**	**0.0275**	**1.0149**	**0.0558**	**1.0707**	**0.2768**	**0.0534**	**0.3302**		**2,981.3167**	**2,981.3167**	**0.1219**	**0.4554**	**3,120.0565**

3.3 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 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	0.0000
Vendor	1.5158	51.5718	21.1199	0.2497	8.9182	0.3684	9.2866	2.5680	0.3524	2.9205		26,779.7974	26,779.7974	0.6926	3.9573	27,976.3981
Worker	26.8466	17.6810	220.7685	0.6450	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		65,196.7349	65,196.7349	1.7426	1.7685	65,767.3150
Total	**28.3624**	**69.2528**	**241.8884**	**0.8947**	**88.6372**	**0.7611**	**89.3982**	**23.7099**	**0.7139**	**24.4237**		**91,976.5323**	**91,976.5323**	**2.4352**	**5.7258**	**93,743.7131**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3273	11.3151	16.9133	0.0269		0.5686	0.5686		0.5384	0.5384	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.3273**	**11.3151**	**16.9133**	**0.0269**		**0.5686**	**0.5686**		**0.5384**	**0.5384**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

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

3.3 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	0.0000
Vendor	1.5158	51.5718	21.1199	0.2497	8.9182	0.3684	9.2866	2.5680	0.3524	2.9205		26,779.7974	26,779.7974	0.6926	3.9573	27,976.3981
Worker	26.8466	17.6810	220.7685	0.6450	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		65,196.7349	65,196.7349	1.7426	1.7685	65,767.3150
Total	**28.3624**	**69.2528**	**241.8884**	**0.8947**	**88.6372**	**0.7611**	**89.3982**	**23.7099**	**0.7139**	**24.4237**		**91,976.5323**	**91,976.5323**	**2.4352**	**5.7258**	**93,743.7131**

3.3 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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 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	0.0000
Vendor	1.4779	52.0244	20.7738	0.2463	8.9181	0.3627	9.2808	2.5680	0.3470	2.9149		26,411.3862	26,411.3862	0.6714	3.9022	27,591.0282
Worker	24.9914	15.6825	205.4703	0.6263	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		63,308.2713	63,308.2713	1.5797	1.6389	63,836.1405
Total	**26.4693**	**67.7069**	**226.2441**	**0.8726**	**88.6371**	**0.7393**	**89.3764**	**23.7098**	**0.6936**	**24.4034**		**89,719.6575**	**89,719.6575**	**2.2510**	**5.5411**	**91,427.1687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2433	10.6463	16.8883	0.0270		0.4940	0.4940		0.4678	0.4678	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.2433**	**10.6463**	**16.8883**	**0.0270**		**0.4940**	**0.4940**		**0.4678**	**0.4678**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 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	0.0000
Vendor	1.4779	52.0244	20.7738	0.2463	8.9181	0.3627	9.2808	2.5680	0.3470	2.9149		26,411.3862	26,411.3862	0.6714	3.9022	27,591.0282
Worker	24.9914	15.6825	205.4703	0.6263	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		63,308.2713	63,308.2713	1.5797	1.6389	63,836.1405
Total	**26.4693**	**67.7069**	**226.2441**	**0.8726**	**88.6371**	**0.7393**	**89.3764**	**23.7098**	**0.6936**	**24.4034**		**89,719.6575**	**89,719.6575**	**2.2510**	**5.5411**	**91,427.1687**

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4471	51.7171	20.4520	0.2415	8.9180	0.3622	9.2802	2.5679	0.3464	2.9144		25,898.5157	25,898.5157	0.6519	3.8242	27,054.4211
Worker	23.3029	13.9862	190.5797	0.6050	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		61,152.2468	61,152.2468	1.4243	1.5251	61,642.3394
Total	**24.7500**	**65.7033**	**211.0317**	**0.8465**	**88.6370**	**0.7195**	**89.3565**	**23.7098**	**0.6754**	**24.3851**		**87,050.7624**	**87,050.7624**	**2.0762**	**5.3493**	**88,696.7605**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4471	51.7171	20.4520	0.2415	8.9180	0.3622	9.2802	2.5679	0.3464	2.9144		25,898.5157	25,898.5157	0.6519	3.8242	27,054.4211
Worker	23.3029	13.9862	190.5797	0.6050	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		61,152.2468	61,152.2468	1.4243	1.5251	61,642.3394
Total	**24.7500**	**65.7033**	**211.0317**	**0.8465**	**88.6370**	**0.7195**	**89.3565**	**23.7098**	**0.6754**	**24.3851**		**87,050.7624**	**87,050.7624**	**2.0762**	**5.3493**	**88,696.7605**

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4196	51.3386	20.1830	0.2368	8.9179	0.3600	9.2779	2.5679	0.3444	2.9123		25,384.3166	25,384.3166	0.6318	3.7459	26,516.3854
Worker	21.8398	12.6006	178.1544	0.5860	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		59,231.2959	59,231.2959	1.2912	1.4315	59,690.1710
Total	**23.2594**	**63.9392**	**198.3374**	**0.8228**	**88.6369**	**0.6985**	**89.3353**	**23.7098**	**0.6558**	**24.3656**		**84,615.6125**	**84,615.6125**	**1.9231**	**5.1774**	**86,206.5565**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.4196	51.3386	20.1830	0.2368	8.9179	0.3600	9.2779	2.5679	0.3444	2.9123		25,384.3166	25,384.3166	0.6318	3.7459	26,516.3854
Worker	21.8398	12.6006	178.1544	0.5860	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		59,231.2959	59,231.2959	1.2912	1.4315	59,690.1710
Total	**23.2594**	**63.9392**	**198.3374**	**0.8228**	**88.6369**	**0.6985**	**89.3353**	**23.7098**	**0.6558**	**24.3656**		**84,615.6125**	**84,615.6125**	**1.9231**	**5.1774**	**86,206.5565**

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3959	50.9571	19.9523	0.2318	8.9178	0.3575	9.2753	2.5679	0.3420	2.9098		24,847.9915	24,847.9915	0.6107	3.6651	25,955.4559
Worker	20.4929	11.4311	167.5099	0.5689	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		57,502.2320	57,502.2320	1.1761	1.3530	57,934.8236
Total	**21.8888**	**62.3882**	**187.4622**	**0.8007**	**88.6368**	**0.6754**	**89.3122**	**23.7097**	**0.6345**	**24.3442**		**82,350.2235**	**82,350.2235**	**1.7868**	**5.0181**	**83,890.2795**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3959	50.9571	19.9523	0.2318	8.9178	0.3575	9.2753	2.5679	0.3420	2.9098		24,847.9915	24,847.9915	0.6107	3.6651	25,955.4559
Worker	20.4929	11.4311	167.5099	0.5689	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		57,502.2320	57,502.2320	1.1761	1.3530	57,934.8236
Total	**21.8888**	**62.3882**	**187.4622**	**0.8007**	**88.6368**	**0.6754**	**89.3122**	**23.7097**	**0.6345**	**24.3442**		**82,350.2235**	**82,350.2235**	**1.7868**	**5.0181**	**83,890.2795**

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3769	50.6648	19.7702	0.2271	8.9178	0.3555	9.2732	2.5678	0.3400	2.9079		24,335.6564	24,335.6564	0.5937	3.5870	25,419.4187
Worker	19.2432	10.4495	158.6095	0.5537	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		55,964.7024	55,964.7024	1.0773	1.2875	56,375.2970
Total	**20.6201**	**61.1143**	**178.3797**	**0.7807**	**88.6367**	**0.6522**	**89.2889**	**23.7097**	**0.6130**	**24.3227**		**80,300.3588**	**80,300.3588**	**1.6710**	**4.8744**	**81,794.7157**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3769	50.6648	19.7702	0.2271	8.9178	0.3555	9.2732	2.5678	0.3400	2.9079		24,335.6564	24,335.6564	0.5937	3.5870	25,419.4187
Worker	19.2432	10.4495	158.6095	0.5537	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		55,964.7024	55,964.7024	1.0773	1.2875	56,375.2970
Total	**20.6201**	**61.1143**	**178.3797**	**0.7807**	**88.6367**	**0.6522**	**89.2889**	**23.7097**	**0.6130**	**24.3227**		**80,300.3588**	**80,300.3588**	**1.6710**	**4.8744**	**81,794.7157**

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3600	50.4004	19.6103	0.2226	8.9177	0.3535	9.2712	2.5678	0.3382	2.9060		23,855.8035	23,855.8035	0.5765	3.5138	24,917.3171
Worker	18.0398	9.6044	150.8370	0.5401	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		54,596.8926	54,596.8926	0.9903	1.2318	54,988.7254
Total	**19.3998**	**60.0048**	**170.4473**	**0.7628**	**88.6366**	**0.6303**	**89.2669**	**23.7097**	**0.5928**	**24.3025**		**78,452.6961**	**78,452.6961**	**1.5668**	**4.7456**	**79,906.0425**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.1557**	**9.9665**	**16.8397**	**0.0270**		**0.4180**	**0.4180**		**0.3961**	**0.3961**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3600	50.4004	19.6103	0.2226	8.9177	0.3535	9.2712	2.5678	0.3382	2.9060		23,855.8035	23,855.8035	0.5765	3.5138	24,917.3171
Worker	18.0398	9.6044	150.8370	0.5401	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		54,596.8926	54,596.8926	0.9903	1.2318	54,988.7254
Total	**19.3998**	**60.0048**	**170.4473**	**0.7628**	**88.6366**	**0.6303**	**89.2669**	**23.7097**	**0.5928**	**24.3025**		**78,452.6961**	**78,452.6961**	**1.5668**	**4.7456**	**79,906.0425**

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3467	50.1628	19.4861	0.2185	8.9176	0.3518	9.2694	2.5678	0.3365	2.9043		23,408.9516	23,408.9516	0.5605	3.4455	24,449.7348
Worker	16.9135	8.8809	144.2152	0.5281	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		53,384.1950	53,384.1950	0.9139	1.1848	53,760.1078
Total	**18.2602**	**59.0437**	**163.7013**	**0.7467**	**88.6366**	**0.6101**	**89.2467**	**23.7097**	**0.5742**	**24.2838**		**76,793.1467**	**76,793.1467**	**1.4744**	**4.6303**	**78,209.8426**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3467	50.1628	19.4861	0.2185	8.9176	0.3518	9.2694	2.5678	0.3365	2.9043		23,408.9516	23,408.9516	0.5605	3.4455	24,449.7348
Worker	16.9135	8.8809	144.2152	0.5281	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		53,384.1950	53,384.1950	0.9139	1.1848	53,760.1078
Total	**18.2602**	**59.0437**	**163.7013**	**0.7467**	**88.6366**	**0.6101**	**89.2467**	**23.7097**	**0.5742**	**24.2838**		**76,793.1467**	**76,793.1467**	**1.4744**	**4.6303**	**78,209.8426**

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3362	50.1228	19.4311	0.2148	8.9176	0.3438	9.2614	2.5678	0.3289	2.8967		23,005.9759	23,005.9759	0.5464	3.3834	24,027.8812
Worker	15.8144	8.2442	139.1800	0.5180	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		52,360.9654	52,360.9654	0.8480	1.1449	52,723.3473
Total	**17.1507**	**58.3670**	**158.6111**	**0.7328**	**88.6365**	**0.5868**	**89.2234**	**23.7096**	**0.5525**	**24.2621**		**75,366.9413**	**75,366.9413**	**1.3944**	**4.5283**	**76,751.2285**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3362	50.1228	19.4311	0.2148	8.9176	0.3438	9.2614	2.5678	0.3289	2.8967		23,005.9759	23,005.9759	0.5464	3.3834	24,027.8812
Worker	15.8144	8.2442	139.1800	0.5180	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		52,360.9654	52,360.9654	0.8480	1.1449	52,723.3473
Total	**17.1507**	**58.3670**	**158.6111**	**0.7328**	**88.6365**	**0.5868**	**89.2234**	**23.7096**	**0.5525**	**24.2621**		**75,366.9413**	**75,366.9413**	**1.3944**	**4.5283**	**76,751.2285**

3.3 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3297	49.9493	19.3918	0.2116	8.9175	0.3426	9.2602	2.5678	0.3278	2.8955		22,651.9717	22,651.9717	0.5332	3.3289	23,657.3268
Worker	14.8272	7.7112	134.1359	0.5086	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		51,412.5061	51,412.5061	0.7884	1.1113	51,763.3868
Total	**16.1569**	**57.6605**	**153.5278**	**0.7202**	**88.6365**	**0.5701**	**89.2065**	**23.7096**	**0.5370**	**24.2466**		**74,064.4778**	**74,064.4778**	**1.3216**	**4.4403**	**75,420.7136**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

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

3.3 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3297	49.9493	19.3918	0.2116	8.9175	0.3426	9.2602	2.5678	0.3278	2.8955		22,651.9717	22,651.9717	0.5332	3.3289	23,657.3268
Worker	14.8272	7.7112	134.1359	0.5086	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		51,412.5061	51,412.5061	0.7884	1.1113	51,763.3868
Total	**16.1569**	**57.6605**	**153.5278**	**0.7202**	**88.6365**	**0.5701**	**89.2065**	**23.7096**	**0.5370**	**24.2466**		**74,064.4778**	**74,064.4778**	**1.3216**	**4.4403**	**75,420.7136**

3.3 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3257	49.8102	19.3796	0.2087	8.9175	0.3416	9.2590	2.5677	0.3267	2.8945		22,341.7621	22,341.7621	0.5218	3.2814	23,332.6697
Worker	13.9505	7.2710	129.8022	0.5004	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		50,578.0222	50,578.0222	0.7363	1.0836	50,919.3534
Total	**15.2762**	**57.0812**	**149.1818**	**0.7091**	**88.6364**	**0.5549**	**89.1913**	**23.7096**	**0.5231**	**24.2326**		**72,919.7843**	**72,919.7843**	**1.2581**	**4.3651**	**74,252.0231**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3257	49.8102	19.3796	0.2087	8.9175	0.3416	9.2590	2.5677	0.3267	2.8945		22,341.7621	22,341.7621	0.5218	3.2814	23,332.6697
Worker	13.9505	7.2710	129.8022	0.5004	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		50,578.0222	50,578.0222	0.7363	1.0836	50,919.3534
Total	**15.2762**	**57.0812**	**149.1818**	**0.7091**	**88.6364**	**0.5549**	**89.1913**	**23.7096**	**0.5231**	**24.2326**		**72,919.7843**	**72,919.7843**	**1.2581**	**4.3651**	**74,252.0231**

3.3 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3227	49.6589	19.3757	0.2062	8.9174	0.3402	9.2576	2.5677	0.3254	2.8932		22,062.4735	22,062.4735	0.5117	3.2385	23,040.3499
Worker	13.1665	6.9048	125.9200	0.4931	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		49,844.1260	49,844.1260	0.6895	1.0606	50,177.4237
Total	**14.4892**	**56.5637**	**145.2957**	**0.6993**	**88.6364**	**0.5406**	**89.1770**	**23.7096**	**0.5098**	**24.2194**		**71,906.5995**	**71,906.5995**	**1.2012**	**4.2992**	**73,217.7736**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.1396**	**7.4301**	**17.2456**	**0.0310**		**0.1316**	**0.1316**		**0.1316**	**0.1316**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3227	49.6589	19.3757	0.2062	8.9174	0.3402	9.2576	2.5677	0.3254	2.8932		22,062.4735	22,062.4735	0.5117	3.2385	23,040.3499
Worker	13.1665	6.9048	125.9200	0.4931	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		49,844.1260	49,844.1260	0.6895	1.0606	50,177.4237
Total	**14.4892**	**56.5637**	**145.2957**	**0.6993**	**88.6364**	**0.5406**	**89.1770**	**23.7096**	**0.5098**	**24.2194**		**71,906.5995**	**71,906.5995**	**1.2012**	**4.2992**	**73,217.7736**

3.3 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

3.3 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

3.3 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

3.3 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

3.3 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.0690**	**6.9515**	**17.2105**	**0.0310**		**0.0821**	**0.0821**		**0.0821**	**0.0821**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	**13.7971**	**56.1353**	**142.0131**	**0.6907**	**88.6363**	**0.5276**	**89.1640**	**23.7096**	**0.4979**	**24.2074**		**71,019.6156**	**71,019.6156**	**1.1516**	**4.2431**	**72,312.8463**

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	**1.1970**	**6.8903**	**16.1185**	**0.0310**		**0.0737**	**0.0737**		**0.0737**	**0.0737**		**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3177	49.1823	19.4000	0.1963	8.9173	0.3359	9.2532	2.5677	0.3213	2.8890		20,975.8172	20,975.8172	0.4648	3.0737	21,903.3923
Worker	9.9375	5.7552	111.7586	0.4661	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		47,118.3635	47,118.3635	0.5111	0.9900	47,426.1723
Total	**11.2552**	**54.9375**	**131.1586**	**0.6625**	**88.6363**	**0.4849**	**89.1212**	**23.7095**	**0.4585**	**24.1680**		**68,094.1807**	**68,094.1807**	**0.9759**	**4.0637**	**69,329.5646**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0574	6.8035	17.2102	0.0310		0.0686	0.0686		0.0686	0.0686	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	**1.0574**	**6.8035**	**17.2102**	**0.0310**		**0.0686**	**0.0686**		**0.0686**	**0.0686**	**0.0000**	**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.3 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	1.3177	49.1823	19.4000	0.1963	8.9173	0.3359	9.2532	2.5677	0.3213	2.8890		20,975.8172	20,975.8172	0.4648	3.0737	21,903.3923
Worker	9.9375	5.7552	111.7586	0.4661	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		47,118.3635	47,118.3635	0.5111	0.9900	47,426.1723
Total	**11.2552**	**54.9375**	**131.1586**	**0.6625**	**88.6363**	**0.4849**	**89.1212**	**23.7095**	**0.4585**	**24.1680**		**68,094.1807**	**68,094.1807**	**0.9759**	**4.0637**	**69,329.5646**

3.4 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**18.2524**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 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	0.0000
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
Worker	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.6904	13,035.6904	0.3484	0.3536	13,149.7744
Total	**5.3678**	**3.5352**	**44.1413**	**0.1290**	**15.9393**	**0.0785**	**16.0178**	**4.2272**	**0.0723**	**4.2995**		**13,035.6904**	**13,035.6904**	**0.3484**	**0.3536**	**13,149.7744**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**18.2524**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 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	0.0000
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
Worker	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.6904	13,035.6904	0.3484	0.3536	13,149.7744
Total	**5.3678**	**3.5352**	**44.1413**	**0.1290**	**15.9393**	**0.0785**	**16.0178**	**4.2272**	**0.0723**	**4.2995**		**13,035.6904**	**13,035.6904**	**0.3484**	**0.3536**	**13,149.7744**

3.4 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**18.2415**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 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	0.0000
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
Worker	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.1036	12,658.1036	0.3158	0.3277	12,763.6478
Total	**4.9969**	**3.1356**	**41.0825**	**0.1252**	**15.9393**	**0.0753**	**16.0146**	**4.2272**	**0.0693**	**4.2965**		**12,658.1036**	**12,658.1036**	**0.3158**	**0.3277**	**12,763.6478**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**18.2415**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

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

3.4 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	0.0000
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
Worker	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.1036	12,658.1036	0.3158	0.3277	12,763.6478
Total	**4.9969**	**3.1356**	**41.0825**	**0.1252**	**15.9393**	**0.0753**	**16.0146**	**4.2272**	**0.0693**	**4.2965**		**12,658.1036**	**12,658.1036**	**0.3158**	**0.3277**	**12,763.6478**

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.0196	12,227.0196	0.2848	0.3049	12,325.0107
Total	**4.6593**	**2.7965**	**38.1052**	**0.1210**	**15.9393**	**0.0715**	**16.0108**	**4.2272**	**0.0658**	**4.2930**		**12,227.0196**	**12,227.0196**	**0.2848**	**0.3049**	**12,325.0107**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

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

3.4 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.0196	12,227.0196	0.2848	0.3049	12,325.0107
Total	**4.6593**	**2.7965**	**38.1052**	**0.1210**	**15.9393**	**0.0715**	**16.0108**	**4.2272**	**0.0658**	**4.2930**		**12,227.0196**	**12,227.0196**	**0.2848**	**0.3049**	**12,325.0107**

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.9372	11,842.9372	0.2582	0.2862	11,934.6865
Total	**4.3667**	**2.5194**	**35.6209**	**0.1172**	**15.9393**	**0.0677**	**16.0070**	**4.2272**	**0.0623**	**4.2895**		**11,842.9372**	**11,842.9372**	**0.2582**	**0.2862**	**11,934.6865**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

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

3.4 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.9372	11,842.9372	0.2582	0.2862	11,934.6865
Total	**4.3667**	**2.5194**	**35.6209**	**0.1172**	**15.9393**	**0.0677**	**16.0070**	**4.2272**	**0.0623**	**4.2895**		**11,842.9372**	**11,842.9372**	**0.2582**	**0.2862**	**11,934.6865**

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.2214	11,497.2214	0.2352	0.2705	11,583.7154
Total	**4.0974**	**2.2856**	**33.4926**	**0.1138**	**15.9393**	**0.0636**	**16.0029**	**4.2272**	**0.0585**	**4.2857**		**11,497.2214**	**11,497.2214**	**0.2352**	**0.2705**	**11,583.7154**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.2214	11,497.2214	0.2352	0.2705	11,583.7154
Total	**4.0974**	**2.2856**	**33.4926**	**0.1138**	**15.9393**	**0.0636**	**16.0029**	**4.2272**	**0.0585**	**4.2857**		**11,497.2214**	**11,497.2214**	**0.2352**	**0.2705**	**11,583.7154**

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

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

3.4 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.8017	11,189.8017	0.2154	0.2574	11,271.8976
Total	**3.8476**	**2.0893**	**31.7130**	**0.1107**	**15.9393**	**0.0593**	**15.9986**	**4.2272**	**0.0546**	**4.2818**		**11,189.8017**	**11,189.8017**	**0.2154**	**0.2574**	**11,271.8976**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.8017	11,189.8017	0.2154	0.2574	11,271.8976
Total	**3.8476**	**2.0893**	**31.7130**	**0.1107**	**15.9393**	**0.0593**	**15.9986**	**4.2272**	**0.0546**	**4.2818**		**11,189.8017**	**11,189.8017**	**0.2154**	**0.2574**	**11,271.8976**

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

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

3.4 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.3164	10,916.3164	0.1980	0.2463	10,994.6610
Total	**3.6070**	**1.9203**	**30.1589**	**0.1080**	**15.9393**	**0.0553**	**15.9947**	**4.2272**	**0.0509**	**4.2781**		**10,916.3164**	**10,916.3164**	**0.1980**	**0.2463**	**10,994.6610**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**18.2316**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

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

3.4 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.3164	10,916.3164	0.1980	0.2463	10,994.6610
Total	**3.6070**	**1.9203**	**30.1589**	**0.1080**	**15.9393**	**0.0553**	**15.9947**	**4.2272**	**0.0509**	**4.2781**		**10,916.3164**	**10,916.3164**	**0.1980**	**0.2463**	**10,994.6610**

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

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

3.4 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.8449	10,673.8449	0.1827	0.2369	10,749.0064
Total	**3.3818**	**1.7757**	**28.8350**	**0.1056**	**15.9393**	**0.0516**	**15.9910**	**4.2272**	**0.0475**	**4.2747**		**10,673.8449**	**10,673.8449**	**0.1827**	**0.2369**	**10,749.0064**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

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

3.4 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.8449	10,673.8449	0.1827	0.2369	10,749.0064
Total	**3.3818**	**1.7757**	**28.8350**	**0.1056**	**15.9393**	**0.0516**	**15.9910**	**4.2272**	**0.0475**	**4.2747**		**10,673.8449**	**10,673.8449**	**0.1827**	**0.2369**	**10,749.0064**

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

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

3.4 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.2564	10,469.2564	0.1696	0.2289	10,541.7125
Total	**3.1620**	**1.6484**	**27.8282**	**0.1036**	**15.9393**	**0.0486**	**15.9879**	**4.2272**	**0.0447**	**4.2719**		**10,469.2564**	**10,469.2564**	**0.1696**	**0.2289**	**10,541.7125**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.2564	10,469.2564	0.1696	0.2289	10,541.7125
Total	**3.1620**	**1.6484**	**27.8282**	**0.1036**	**15.9393**	**0.0486**	**15.9879**	**4.2272**	**0.0447**	**4.2719**		**10,469.2564**	**10,469.2564**	**0.1696**	**0.2289**	**10,541.7125**

3.4 Architectural Coating - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.6177	10,279.6177	0.1576	0.2222	10,349.7742
Total	**2.9646**	**1.5418**	**26.8197**	**0.1017**	**15.9393**	**0.0455**	**15.9848**	**4.2272**	**0.0418**	**4.2690**		**10,279.6177**	**10,279.6177**	**0.1576**	**0.2222**	**10,349.7742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.6177	10,279.6177	0.1576	0.2222	10,349.7742
Total	**2.9646**	**1.5418**	**26.8197**	**0.1017**	**15.9393**	**0.0455**	**15.9848**	**4.2272**	**0.0418**	**4.2690**		**10,279.6177**	**10,279.6177**	**0.1576**	**0.2222**	**10,349.7742**

3.4 Architectural Coating - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

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

3.4 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.7678	10,112.7678	0.1472	0.2167	10,181.0149
Total	**2.7893**	**1.4538**	**25.9532**	**0.1000**	**15.9393**	**0.0427**	**15.9820**	**4.2272**	**0.0393**	**4.2664**		**10,112.7678**	**10,112.7678**	**0.1472**	**0.2167**	**10,181.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

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

3.4 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.7678	10,112.7678	0.1472	0.2167	10,181.0149
Total	**2.7893**	**1.4538**	**25.9532**	**0.1000**	**15.9393**	**0.0427**	**15.9820**	**4.2272**	**0.0393**	**4.2664**		**10,112.7678**	**10,112.7678**	**0.1472**	**0.2167**	**10,181.0149**

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705
Total	**2.6326**	**1.3806**	**25.1769**	**0.0986**	**15.9393**	**0.0401**	**15.9794**	**4.2272**	**0.0369**	**4.2641**		**9,966.0297**	**9,966.0297**	**0.1379**	**0.2121**	**10,032.6705**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**18.1915**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705
Total	**2.6326**	**1.3806**	**25.1769**	**0.0986**	**15.9393**	**0.0401**	**15.9794**	**4.2272**	**0.0369**	**4.2641**		**9,966.0297**	**9,966.0297**	**0.1379**	**0.2121**	**10,032.6705**

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

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

3.4 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

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

3.4 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

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

3.4 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

3.4 Architectural Coating - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

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

3.4 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

3.4 Architectural Coating - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**		**281.4481**	**281.4481**	**0.0104**		**281.7081**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	**18.1786**	**0.7577**	**1.7943**	**2.9700e-003**		**9.9000e-003**	**9.9000e-003**		**9.9000e-003**	**9.9000e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0104**		**281.7081**

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

3.4 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	**2.4948**	**1.3241**	**24.5210**	**0.0973**	**15.9393**	**0.0378**	**15.9771**	**4.2272**	**0.0347**	**4.2619**		**9,838.2140**	**9,838.2140**	**0.1298**	**0.2085**	**9,903.5786**

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**18.1757**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

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

3.4 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.0301	9,421.0301	0.1022	0.1980	9,482.5746
Total	**1.9869**	**1.1507**	**22.3455**	**0.0932**	**15.9393**	**0.0298**	**15.9691**	**4.2272**	**0.0274**	**4.2546**		**9,421.0301**	**9,421.0301**	**0.1022**	**0.1980**	**9,482.5746**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**18.1757**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.4 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.0301	9,421.0301	0.1022	0.1980	9,482.5746
Total	**1.9869**	**1.1507**	**22.3455**	**0.0932**	**15.9393**	**0.0298**	**15.9691**	**4.2272**	**0.0274**	**4.2546**		**9,421.0301**	**9,421.0301**	**0.1022**	**0.1980**	**9,482.5746**

3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**2.4727**	**25.2339**	**17.9118**	**0.0381**	**19.6570**	**1.0868**	**20.7438**	**10.1025**	**0.9999**	**11.1023**		**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.5 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	**0.0588**	**0.0353**	**0.4810**	**1.5300e-003**	**0.2012**	**9.0000e-004**	**0.2021**	**0.0534**	**8.3000e-004**	**0.0542**		**154.3383**	**154.3383**	**3.5900e-003**	**3.8500e-003**	**155.5752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	0.8422	6.6996	20.4194	0.0381		0.2582	0.2582		0.2409	0.2409	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	**0.8422**	**6.6996**	**20.4194**	**0.0381**	**7.2829**	**0.2582**	**7.5411**	**3.7430**	**0.2409**	**3.9839**	**0.0000**	**3,689.1037**	**3,689.1037**	**1.1931**		**3,718.9320**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.5 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	**0.0588**	**0.0353**	**0.4810**	**1.5300e-003**	**0.2012**	**9.0000e-004**	**0.2021**	**0.0534**	**8.3000e-004**	**0.0542**		**154.3383**	**154.3383**	**3.5900e-003**	**3.8500e-003**	**155.5752**

3.6 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.6 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	**0.0654**	**0.0392**	**0.5344**	**1.7000e-003**	**0.2236**	**1.0000e-003**	**0.2246**	**0.0593**	**9.2000e-004**	**0.0602**		**171.4870**	**171.4870**	**3.9900e-003**	**4.2800e-003**	**172.8613**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.6 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	**0.0654**	**0.0392**	**0.5344**	**1.7000e-003**	**0.2236**	**1.0000e-003**	**0.2246**	**0.0593**	**9.2000e-004**	**0.0602**		**171.4870**	**171.4870**	**3.9900e-003**	**4.2800e-003**	**172.8613**

3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

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

3.6 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	**0.0612**	**0.0353**	**0.4996**	**1.6400e-003**	**0.2236**	**9.5000e-004**	**0.2245**	**0.0593**	**8.7000e-004**	**0.0602**		**166.1001**	**166.1001**	**3.6200e-003**	**4.0100e-003**	**167.3869**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.6 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	**0.0612**	**0.0353**	**0.4996**	**1.6400e-003**	**0.2236**	**9.5000e-004**	**0.2245**	**0.0593**	**8.7000e-004**	**0.0602**		**166.1001**	**166.1001**	**3.6200e-003**	**4.0100e-003**	**167.3869**

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

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

3.6 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	**0.0575**	**0.0321**	**0.4697**	**1.6000e-003**	**0.2236**	**8.9000e-004**	**0.2244**	**0.0593**	**8.2000e-004**	**0.0601**		**161.2514**	**161.2514**	**3.3000e-003**	**3.7900e-003**	**162.4645**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.6 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	**0.0575**	**0.0321**	**0.4697**	**1.6000e-003**	**0.2236**	**8.9000e-004**	**0.2244**	**0.0593**	**8.2000e-004**	**0.0601**		**161.2514**	**161.2514**	**3.3000e-003**	**3.7900e-003**	**162.4645**

3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**2.9012**	**27.9429**	**26.3311**	**0.0621**	**9.2036**	**1.1309**	**10.3345**	**3.6538**	**1.0404**	**4.6942**		**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.6 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	**0.0540**	**0.0293**	**0.4448**	**1.5500e-003**	**0.2236**	**8.3000e-004**	**0.2244**	**0.0593**	**7.7000e-004**	**0.0601**		**156.9397**	**156.9397**	**3.0200e-003**	**3.6100e-003**	**158.0911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	**0.9498**	**5.6411**	**32.7743**	**0.0621**	**3.4099**	**0.1996**	**3.6095**	**1.3537**	**0.1910**	**1.5447**	**0.0000**	**6,008.2814**	**6,008.2814**	**1.9432**		**6,056.8614**

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

3.6 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	**0.0540**	**0.0293**	**0.4448**	**1.5500e-003**	**0.2236**	**8.3000e-004**	**0.2244**	**0.0593**	**7.7000e-004**	**0.0601**		**156.9397**	**156.9397**	**3.0200e-003**	**3.6100e-003**	**158.0911**

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	**0.0405**	**0.0220**	**0.3336**	**1.1600e-003**	**0.1677**	**6.2000e-004**	**0.1683**	**0.0445**	**5.7000e-004**	**0.0450**		**117.7048**	**117.7048**	**2.2700e-003**	**2.7100e-003**	**118.5684**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	**0.0405**	**0.0220**	**0.3336**	**1.1600e-003**	**0.1677**	**6.2000e-004**	**0.1683**	**0.0445**	**5.7000e-004**	**0.0450**		**117.7048**	**117.7048**	**2.2700e-003**	**2.7100e-003**	**118.5684**

3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	**0.0379**	**0.0202**	**0.3172**	**1.1400e-003**	**0.1677**	**5.8000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**114.8280**	**114.8280**	**2.0800e-003**	**2.5900e-003**	**115.6521**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	**0.0379**	**0.0202**	**0.3172**	**1.1400e-003**	**0.1677**	**5.8000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**114.8280**	**114.8280**	**2.0800e-003**	**2.5900e-003**	**115.6521**

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3845**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**		**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	**0.0356**	**0.0187**	**0.3033**	**1.1100e-003**	**0.1677**	**5.4000e-004**	**0.1682**	**0.0445**	**5.0000e-004**	**0.0450**		**112.2775**	**112.2775**	**1.9200e-003**	**2.4900e-003**	**113.0681**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3845**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	**0.0356**	**0.0187**	**0.3033**	**1.1100e-003**	**0.1677**	**5.4000e-004**	**0.1682**	**0.0445**	**5.0000e-004**	**0.0450**		**112.2775**	**112.2775**	**1.9200e-003**	**2.4900e-003**	**113.0681**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731
Unmitigated	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
NaturalGas Unmitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24508.8	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70728.8	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1902.96	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1515.29	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29139.4	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5726.73	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7723.41	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		**4.1183**	**35.2922**	**15.7034**	**0.2246**		**2.8454**	**2.8454**		**2.8454**	**2.8454**		**44,927.1468**	**44,927.1468**	**0.8611**	**0.8237**	**45,194.1263**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	70.7288	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Apartments Mid Rise	110.408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130.228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24.5088	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Government (Civic Center)	1.90296	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1.51529	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29.1394	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5.72673	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7.72341	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		**4.1183**	**35.2922**	**15.7034**	**0.2246**		**2.8454**	**2.8454**		**2.8454**	**2.8454**		**44,927.1468**	**44,927.1468**	**0.8611**	**0.8237**	**45,194.1263**

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Unmitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

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	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.7032	1,322.7032	1.2600		1,354.2020
Total	**279.8297**	**8.4405**	**731.3081**	**0.0388**		**4.0728**	**4.0728**		**4.0728**	**4.0728**	**0.0000**	**1,322.7032**	**1,322.7032**	**1.2600**	**0.0000**	**1,354.2020**

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.7032	1,322.7032	1.2600		1,354.2020
Total	**279.8297**	**8.4405**	**731.3081**	**0.0388**		**4.0728**	**4.0728**		**4.0728**	**4.0728**	**0.0000**	**1,322.7032**	**1,322.7032**	**1.2600**	**0.0000**	**1,354.2020**

7.0 Water Detail

7.1 Mitigation Measures Water

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

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

On-road Mobile (Operational) Energy Usage

Note: Assumes that all vehicles that are generated as part of project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by project would use it.

Unmitigated:

Step 1:

Therefore:

Average Daily VMT:

662,369 Source: Kittelson & Associates

Step 2: Given:

Fleet Mix (CalEEMod Output)

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.556303	0.05949	0.17846	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

And:

Gasoline MPG Factors for each Vehicle Class - Year 2040 (EMFAC2021 Output)

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
35.52	30.00	29.44	24.13	16.16	14.30	N/A	N/A	5.63	14.72	41.90	9.64	4.84

Therefore:

Weighted Average MPG Factors

Gasoline: **31.17**

Step 3: **Therefore:**

21,248 daily gallons of gasoline

or

7,755,420 annual gallons of gasoline

Off-road (i.e. On-site) Mobile (Construction) Energy Usage

Note: Assu For the sake of simplicity, and as a conservative estimation, it was assumed that all off-road vehicles use diesel fuel as an energy source.
Demolition, Site preparation and grading off-road mobile vehicle on-site gallons of fuel are calculated below.

Given Factor:	**9,556.9**	**metric tons**	**CO2**	**(provided in CalEEMod Output File)**
Conversion Factor:	2204.6262	pounds	per metric ton	
Intermediate Result:	**21,069,408**	**pounds**	**CO2**	
Conversion Factor:	22.38	pounds	CO2 per 1 gallon of diesel fuel	Source: U.S. EIA, 2016
Final Result:	**941,439**	**gallons**	**diesel fuel**	http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11

Mitigated Onsite Scenario	Total CO2 (MT/yr) (provided in CalEEMod Output File)
Demolition - 2023	222.4951
Demolition - 2024	448.4627
Demolition - 2025	0.4798
Building Construction - 2023	151.5690
Building Construction - 2024	305.5175
Building Construction - 2025	304.4331
Building Construction - 2026	304.4331
Building Construction - 2027	304.4331
Building Construction - 2028	303.2667
Building Construction - 2029	304.4331
Building Construction - 2030	343.3773
Building Construction - 2031	343.3773
Building Construction - 2032	344.6929
Building Construction - 2033	342.0617
Building Construction - 2034	342.0617
Building Construction - 2035	343.3526
Building Construction - 2036	344.6682
Building Construction - 2037	343.3526
Building Construction - 2038	343.3526
Building Construction - 2039	342.0371
Building Construction - 2040	343.3415
Architectural Coating - 2023	16.6210
Architectural Coating - 2024	33.4947
Architectural Coating - 2025	33.3654
Architectural Coating - 2026	33.3654
Architectural Coating - 2027	33.3654
Architectural Coating - 2028	33.2375
Architectural Coating - 2029	33.3654
Architectural Coating - 2030	33.3536
Architectural Coating - 2031	33.3536
Architectural Coating - 2032	33.4814
Architectural Coating - 2033	33.2258
Architectural Coating - 2034	33.2258
Architectural Coating - 2035	33.3507
Architectural Coating - 2036	33.4785
Architectural Coating - 2037	33.3507
Architectural Coating - 2038	33.3507
Architectural Coating - 2039	33.2229
Architectural Coating - 2040	33.3492
Site Preparation - 2025	404.8505
Grading - 2025	35.7155
Grading - 2026	717.0565
Grading - 2027	717.0565
Grading - 2028	233.5241
Paving - 2028	176.5846
Paving - 2029	263.3633

On-road Mobile (Construction) Energy Usage - Demolition

Note: Assumes that all vehicles that are generated as part of project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by project would use it

Step 1:

Total Daily Worker Trips (CalEEMod output)

15

Worker Trip Length (miles) (CalEEMod output)

14.7

Therefore:

Average Worker Daily VMT:

221

Total Haul Trips (CalEEMod Output)

19,353

Haul Trip Length (miles) (CalEEMod Output)

20

Average Vendor Daily VMT:

387,060

Step 2:

Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

Fleet Mix for Workers (CalEEMod Output)

MHD	HHD
0%	100%

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.92

Diesel:

MHD	HHD
9.65	7.48

Step 3:

Therefore:

9 **Worker daily gallons of gasoline (all workers)**

Weighted Average Vendor (Diesel) MPG Factor

7.48

Step 4:

400 **# of Days (CalEEMod ouput)**

Therefore:

Result:

3,402 **Total gallons of gasoline (all workers)**

Therefore:

51,762 **Total hauler gallons of diesel**

On-road Mobile (Construction) Energy Usage - Site Preparation

Note: Assumes that all vehicles that are generated as part of project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by project would use it.

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

18

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

265

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.92

Step 3: **Therefore:**

10 **Worker daily gallons of gasoline**

Step 4: 240 **# of Days (CalEEMod Output)**

Therefore:

Result: **2,450** **Total gallons of gasoline**

On-road Mobile (Construction) Energy Usage - Grading

Note: Assumes that all vehicles that are generated as part of project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by project would use it.

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

20

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

294

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.9

Step 3: **Therefore:**

11 Worker daily gallons of gasoline

Step 4: 620 **# of Days (CalEEMod Output)**

Therefore:

Result: **7,032** **Total gallons of gasoline**

On-road Mobile (Construction) Energy Usage - Building Construction

Note: Assumes that all vehicles that are generated as part of project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by project would use it.

Step 1:

Total Daily Worker Trips (CalEEMod Output)

7,132	357

Assumes 5% of workers on-site on a given day

Total Daily Vendor Trips (CalEEMod Output)

1,392	70

Worker Trip Length (miles) (CalEEMod Output)

14.7

Vendor Trip Length (miles) (CalEEMod Output)

6.9

Therefore:

Average Worker Daily VMT:

5,242

Average Vendor Daily VMT:

480

Step 2:

Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

Fleet Mix for Workers (CalEEMod Output)

MHD	HHD
0%	100%

Assumed Fleet Mix for Vendors

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

Gasoline:

LDA	LDT1	LDT2
28.42	23.75	23.10

Diesel:

MHD	HHD
9.65	7.48

Therefore:

Weighted Average Worker (Gasoline) MPG Factor

25.92

Weighted Average Vendor (Diesel) MPG Factor

7.48

Step 3:

Therefore:

202 **Worker daily gallons of gasoline**

Therefore:

64 **Vendor daily gallons of diesel**

Step 4:

4566 **# of Days (CalEEMod Output)**

Therefore:

923,331 **Total gallons of gasoline**

Therefore:

293,243 **Total gallons of diesel**

On-road Mobile (Construction) Energy Usage - Paving

Note: Assumes that all vehicles that are generated as part of project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by project would use it.

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

15

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

221

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.9

Step 3: **Therefore:**

9 Worker daily gallons of gasoline

Step 4: 440 **# of Days (CalEEMod Output)**

Therefore:

Result: **3,743** **Total gallons of gasoline**

On-road Mobile (Construction) Energy Usage - Architectural Coating

Note: Assumes that all vehicles that are generated as part of project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by project would use it.

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

1426	71

Assumes 5% of workers on-site on a given day

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

1,048

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.9

Step 3: **Therefore:**

40 Worker daily gallons of gasoline

Step 4: 4,566 **# of Days (CalEEMod Output)**

Therefore:

Result: **184,614** **Total gallons of gasoline**