Appendix A

Notice of Preparation and
Scoping Comments

NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT

Sacramento State - Placer Center
California State University, Sacramento

Date: June 7, 2021

To: Responsible Agencies, Trustee Agencies, and Interested Persons

Lead Agency: California State University, Sacramento

Subject: Sacramento State - Placer Center

Review Period: June 7, 2021 – July 7, 2021

Purpose of Notice: In accordance with the California Environmental Quality Act (CEQA), California State University, Sacramento (Sacramento State) is distributing a notice of preparation (NOP) to solicit comments on the scope of an environmental impact report (EIR) that will be prepared for the Sacramento State - Placer Center ("project," consistent with CEQA Guidelines Section 15378). The California State University (CSU) Board of Trustees is the lead agency responsible for approval of the project and as such is responsible for complying with the provisions of CEQA.

This NOP has been prepared pursuant to Sections 15082 and 15083 of the CEQA Guidelines. This NOP starts a public scoping period that will assist CSU in the preparation of the Draft EIR. The public scoping period will run for 30 days from June 7, 2021 to July 7, 2021. The purpose of the NOP is to inform agencies and interested parties that an EIR will be prepared for the project, and to provide sufficient information about the project and its potential environmental impacts to allow agencies and interested parties the opportunity to provide a meaningful response related to the scope and content of the EIR, including possible environmental impacts, mitigation measures, and alternatives. (Cal. Code Regs., tit. 14, §15082, subd. (a)(1).)

Background: The 301-acre Sacramento State - Placer Center site is located within the 2,213-acre Placer Ranch Specific Plan (PRSP) area, which is in turn located within the Sunset Area Plan (SAP) area in Placer County. On December 10, 2019, the Placer County Board of Supervisors unanimously certified the Sunset Area Plan/Placer Ranch Specific Plan EIR (SAP/PRSP EIR) (State Clearinghouse No. 2016112012) and approved the SAP and PRSP. The PRSP is a planning and regulatory document that serves to guide and implement development in the 2,213-acre PRSP area over the long term. It is intended to implement the Placer County General Plan and the SAP by establishing the fundamental development framework; distribution of land uses; alignment of mobility systems; residential unit allocations; and all related provisions for parks, utilities, public services, and infrastructure financing within the PRSP area. The Sacramento State - Placer Center site is identified as "University Campus" within the PRSP, and formal agreements regarding the donation of this land by Placer Ranch, Inc. to the CSU on behalf of Sacramento State were completed in September 2020.

The SAP/PRSP EIR certified by Placer County provided analysis of the University Campus, identified as "Sac State-Placer Center," at a program level based on the information available at the time (i.e., conceptual plan, land use and facility types, approximate floor area, and approximate numbers of students and employees). As such, the CSU will utilize the information and analysis in the SAP/PRSP EIR in its EIR for Sacramento State - Placer Center, which will assess the environmental impacts of a comprehensive plan for the new off-campus center in light of the programmatic analysis in the SAP/PRSP EIR. The CSU's EIR will determine the degree to which its proposed actions are adequately addressed in the prior document, summarize relevant portions of the SAP/PRSP EIR, and evaluate environmental effects that were not addressed in detail in the earlier programmatic analysis.

Location: The 301-acre Sacramento State - Placer Center site is located in Placer County, north of the City of Roseville. The site is located directly east of Fiddyment Road, north of the planned east-west Sunset Boulevard roadway alignment, south of Athens Avenue, and west of Foothills Boulevard (Figure 1). The site is currently undeveloped pastureland and contains shallow drainages and wetland areas.

Most of the land to the west is undeveloped pastureland. The Western Regional Sanitary Landfill is located north of the site, at the corner of Athens Avenue and Fiddyment Road. The area east of the Sacramento State - Placer Center site consists of various industrial uses including but not limited to the Rio Bravo Rocklin power station, trucking and logistics depots, a distribution warehouse, and RV and other public storage facilities. Residential development within the City of Roseville is located less than a quarter mile south of the site.

Description: CSU is preparing a comprehensive plan for an off-campus center, the Sacramento State - Placer Center, a campus that supports academic and student success and promotes diversity and inclusion while also serving as an economic anchor for the region that promotes community building and placemaking. The comprehensive plan will provide a detailed land use, development, and policy program to guide long-term buildout of the "University Campus" identified in the PRSP.

The comprehensive plan for Sacramento State - Placer Center will provide a strategic vision, design goals, recommendations, and strategies for the physical elements of the off-campus center, which is ultimately anticipated to include approximately 3 million GSF of development on the 301-acre site, supporting Placer County's projection of 25,000 Sacramento State students and 5,000 Sierra College students. Because this off-campus center is anticipated to serve primarily part-time students, of the projected 30,000 students, there may be approximately 12,000 full-time equivalent (FTE) students, (based on an estimate of 2.5 part-time students equaling one FTE). As shown in Figures 2 through 5, proposed land uses would include:

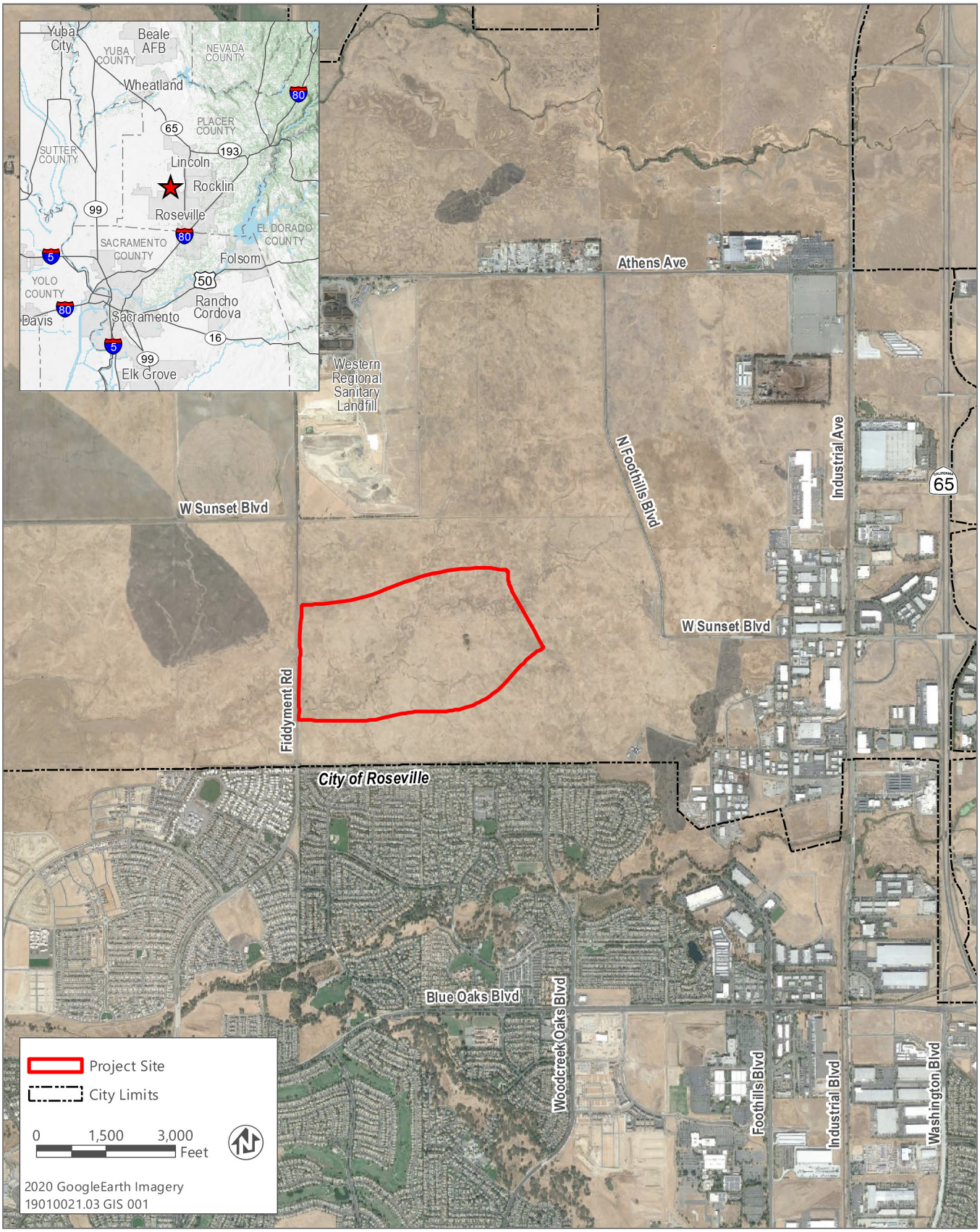
- Academic Core: classroom, teaching labs, research labs, offices, administrative services, student life, dining, study space
- Public: library, conference center, performing arts, continuing education, public-oriented functions, hotel
- Housing: student residences, faculty housing, dining, social space, fitness
- Recreation and Wellness: sports and recreation facilities, wellness and health services
- Support: facilities services, central plants, shipping and receiving, storage
- Test Beds: outdoor space for research
- Landscapes: athletics and recreation facilities such as but not limited to soccer fields, tennis courts, baseball and softball diamonds, basketball courts; amphitheaters, trails, pedestrian promenades, and general open space
- Innovation District: office/administrative, leased commercial space, industry, academic, hotel
- Parking: surface and structured parking

The academic core would be located within the southeastern portion of the project site, with housing located to the south and west of the academic core, near the Sunrise Boulevard alignment, and public land use elements to the east. Distributed central heating and cooling plants would serve each phase. Support services would be located at the western boundary of the site along Fiddyment Road along with five acres of land to be leased to the County for construction and operation of a fire station (not a part of the current proposed project). Recreation and wellness

facilities would be sited east of support services and west of the academic core and centralized open space; bike and pedestrian connectivity would be provided between the academic core and the recreation facilities, as well as to the broader planned PRSP bicycle and pedestrian pathways. Parking areas would be located in the northwest corner of the site and south of the housing and academic core along Sunset Boulevard. The northeast portion of the site would support a future innovation district. A large swath of open space totaling approximately 58 acres or nearly 20 percent of the site, would run from the southwest to the north and northeast, preserving wetland areas and drainage corridors for research, interpretive, and related purposes.

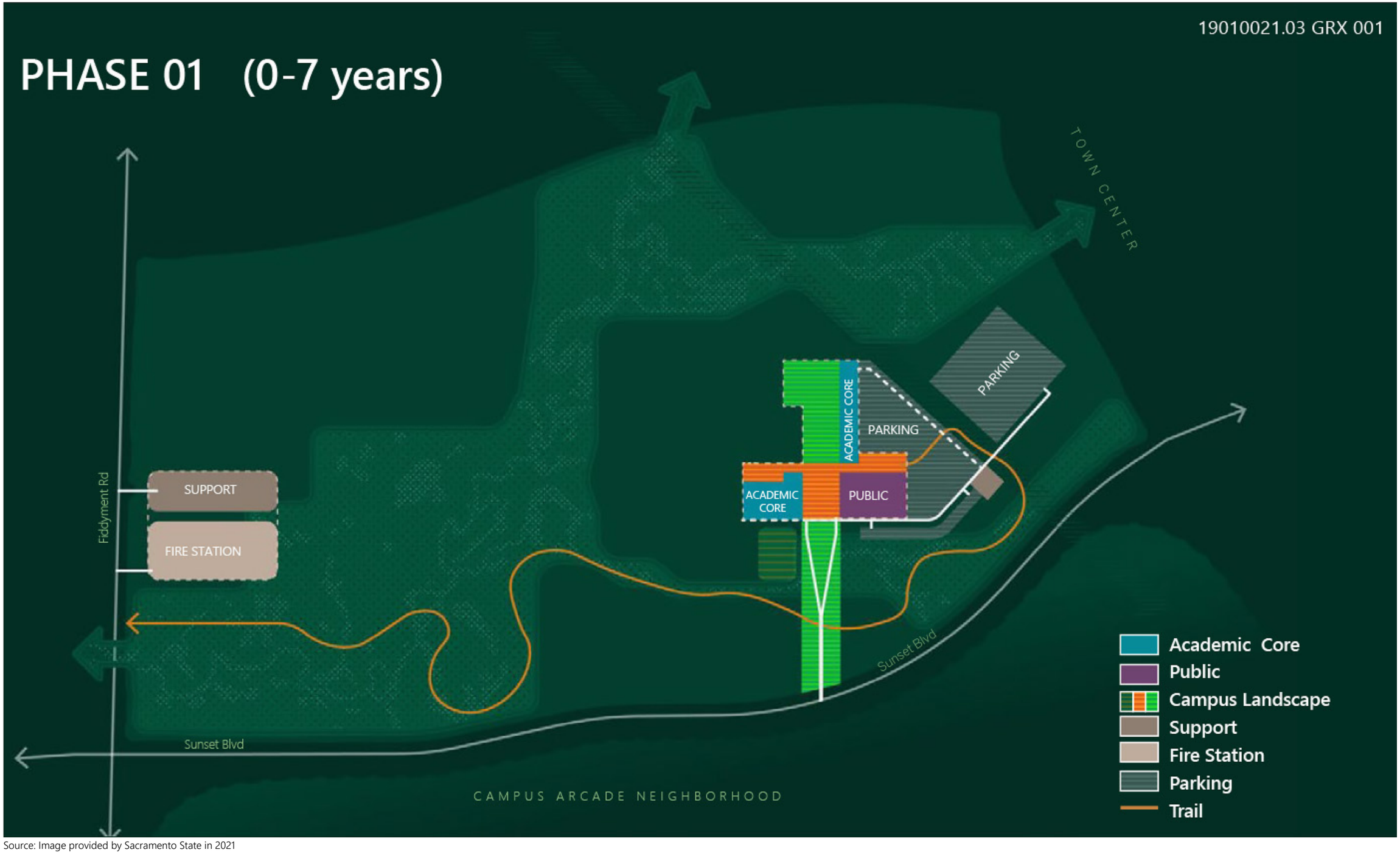
Buildout of the Sacramento State - Placer Center is anticipated to include four phases of development over a period of 15+ years, as summarized below.

- Phase 1 would focus on the academic core of Sacramento State - Placer Center, located in the southeast portion of the site, just north of the planned Sunset Boulevard alignment. Phase 1 would include Sacramento State academic buildings, a Sierra College transfer center (i.e., facilitation center for community college students transitioning to a four-year college setting), a library, a Placer County crime lab, a central heating and cooling plant, the land for the County fire station, shipping and receiving corporation yard, and parking (Figure 2).
- Phase 2 would include recreation and wellness facilities on the western portion of the site and would expand the academic core with a student center building, additional academic classrooms and laboratory buildings, housing, a dining center, an administrative building, a second central heating and cooling plant, and parking (Figure 3).
- Phase 3 would represent a substantial expansion, including a mix of publicly accessible program space, expansion of academic facilities, and additional housing. Phase 3 public program space would include a performance center, continuing education building, and conference center. Phase 3 would expand academic buildings, including classrooms and laboratories, and recreation and wellness facilities, and include additional University-related housing. This phase would be supported by additional corporation yard space, administrative building space, another central heating and cooling plant, and parking (Figure 4).
- Phase 4 would involve final buildout of the site, including further development near the eastern boundary of the site and an innovation district in the northeastern portion of the project site. It is anticipated that this development would provide hands-on learning and internship opportunities for students, furthering the CSU's academic and professional scope of programs, while enriching the academic experience through innovative commercial/industrial enterprises (Figure 5).



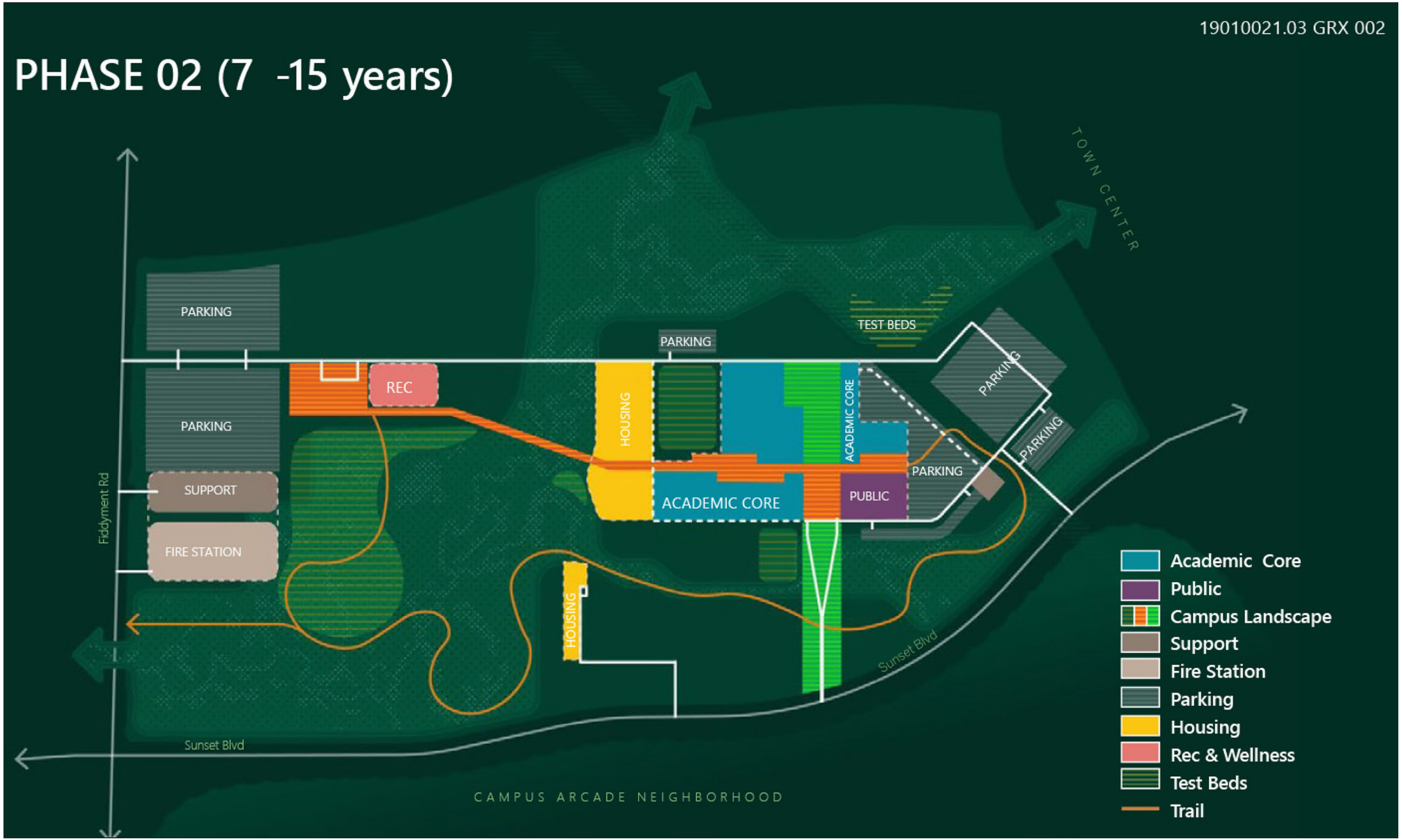
Source: adapted by Ascent Environmental in 2021

Figure 1 Sacramento State - Placer Center Site



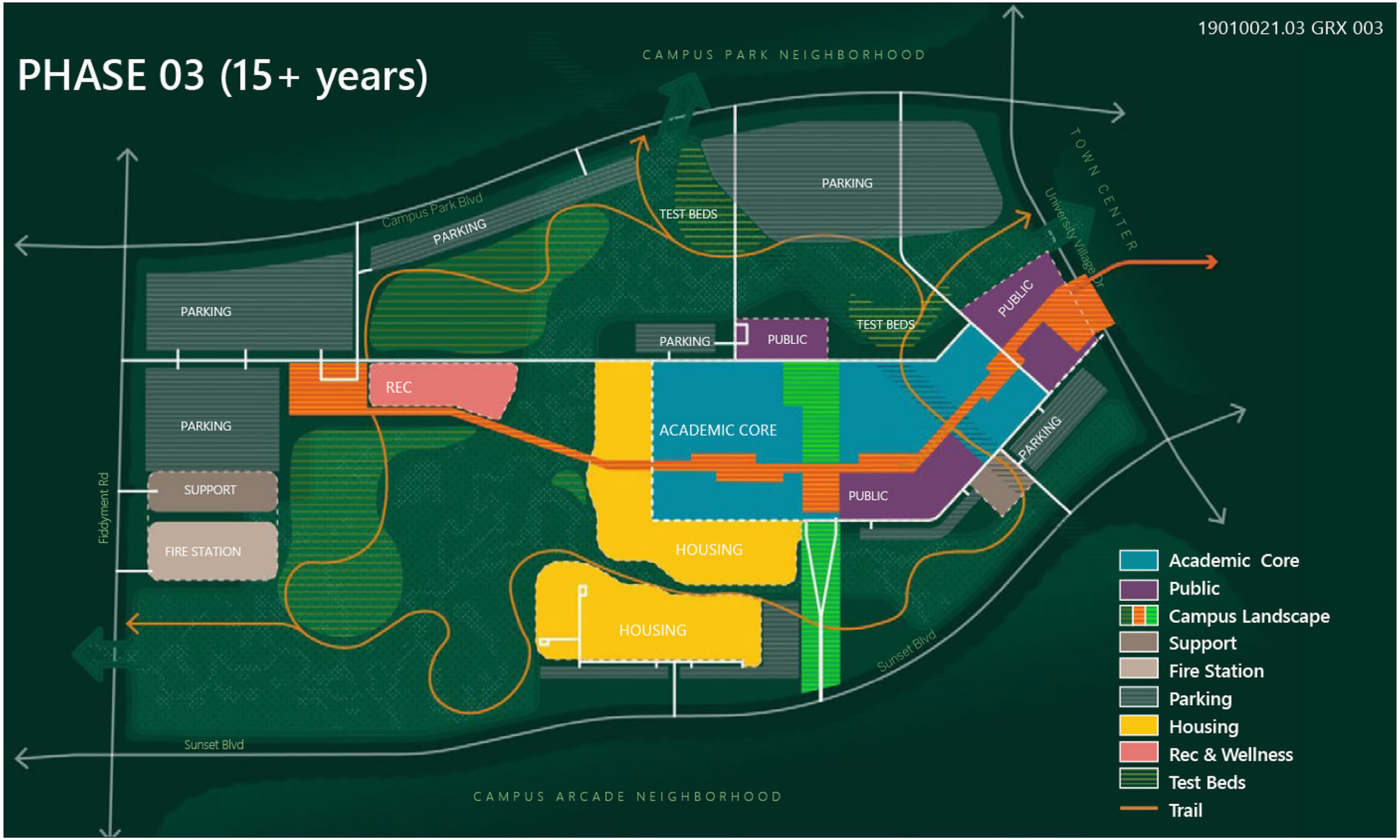
Source: Image provided by Sacramento State in 2021

Figure 2 Conceptual Land Use Plan – Sacramento State - Placer Center Phase 1



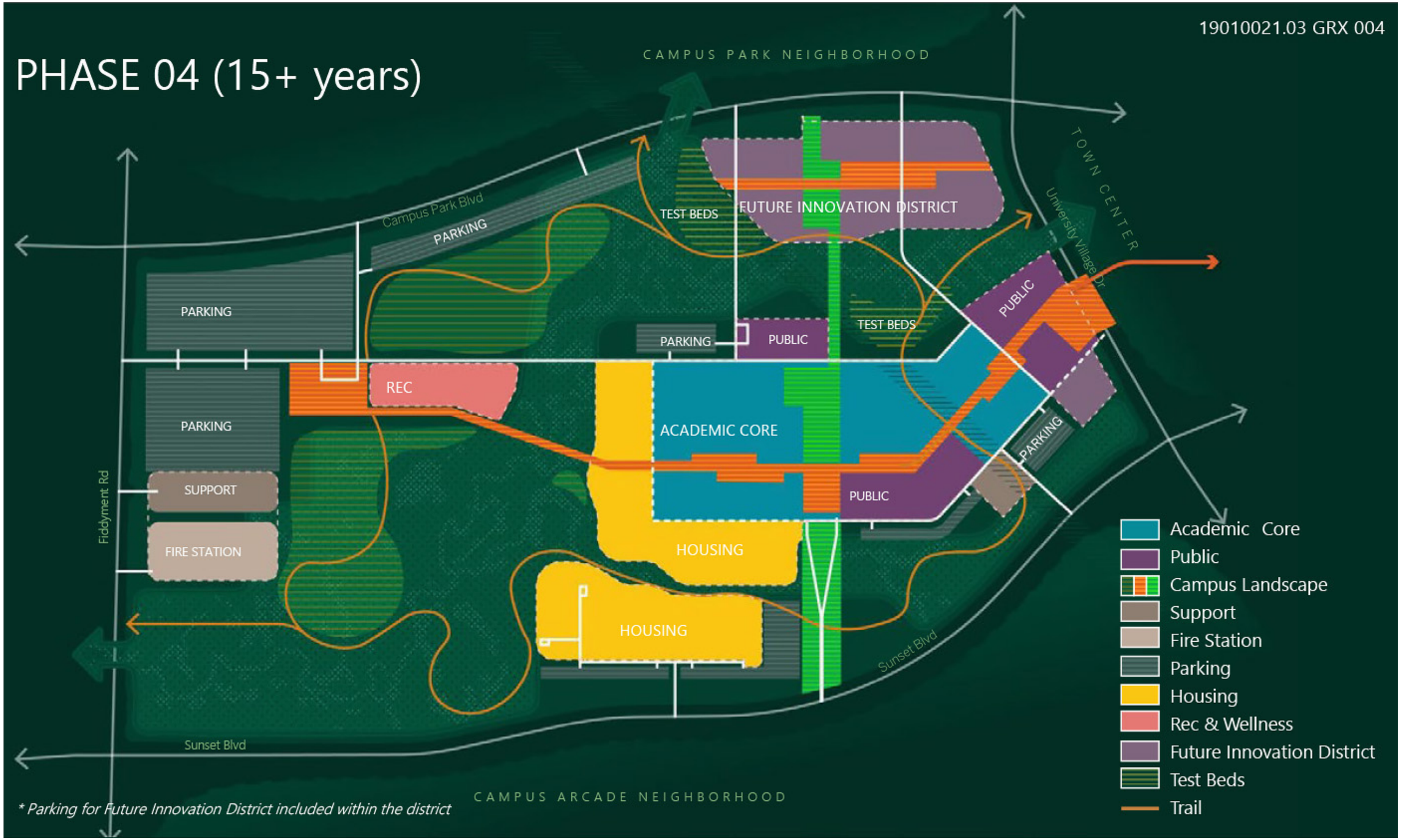
Source: Image provided by Sacramento State in 2021

Figure 3 Conceptual Land Use Plan – Sacramento State - Placer Center Phase 2



Source: Image provided by Sacramento State in 2021

Figure 4 Conceptual Land Use Plan – Sacramento State - Placer Center Phase 3



Source: Image provided by Sacramento State in 2021

Figure 5 Conceptual Land Use Plan – Sacramento State - Placer Center Phase 4

Required Permits and Approvals: As the lead agency pursuant to CEQA, the CSU Board of Trustees is responsible for considering the adequacy of the EIR and determining whether to approve the project. As a state entity, the CSU is not required to obtain development approvals from Placer County or other local agencies. Permits that may be required from other agencies include:

- **Central Valley Regional Water Quality Control Board:** Section 402 National Pollutant Discharge Elimination System construction stormwater permit (Notice of Intent to proceed under General Construction Permit), Section 401 Water Quality Certification, discharge permit for stormwater, general order for dewatering
- **California Department of Fish and Wildlife:** Section 1602 Streambed Alteration Agreement
- **California Department of Transportation:** Permits for movement of oversized or excessive loads on State highways
- **City of Roseville:** Wholesaler-Retailer Agreement for use of recycled water, agreement outlining fair-share obligations for off-site retention at the Pleasant Grove Retention Facility
- **State Water Resources Control Board:** Statewide General Order permit for the use of recycled water
- **U.S. Army Corps of Engineers:** Section 404 Individual Permit
- **U.S. Fish and Wildlife Service and National Marine Fisheries Service:** Section 7 Consultation

Potential Environmental Effects: The EIR will describe the significant direct and indirect environmental impacts of the project. The EIR also will evaluate the cumulative impacts of the project, defined as impacts that could be exacerbated when considered in conjunction with other related past, present, and reasonably foreseeable future projects. CSU anticipates that the project could result in potentially significant environmental impacts in the following resource areas, which will be further evaluated in the EIR:

- **Aesthetics:** temporary and long-term changes in views, visual character, and lighting resulting from the project, as viewed by motorists from public vantagepoints including Fiddyment Road and Sunset Boulevard
- **Agricultural Resources:** potential conflicts with existing agricultural uses within the site and in the vicinity
- **Air Quality**: temporary increases in air pollutant emissions associated with construction, long-term increases in pollutant emissions associated with project operations and associated vehicular trips
- **Biological Resources**: potential for impacts to biological resources, including sensitive habitats, wetlands and waters, nesting birds, and tree removal
- **Cultural Resources**: substantial adverse change of known or unknown archaeological, historical, or tribal cultural resources
- **Energy**: energy use for construction and operation of the project
- **Geology, Soils, and Mineral Resources:** potential for the project to exacerbate geologic hazards, disturb unknown paleontological resources, and encounter mineral resources
- **Greenhouse Gas Emissions:** temporary increases in greenhouse gas (GHG) emissions associated with mobile-source exhaust from construction worker commute trips, truck haul trips, and equipment (e.g., excavators, graders); and long-term increases in GHG emissions associated with project operations, including stationary and mobile sources
- **Hazards and Hazardous Materials:** potential risks associated with accident or upset conditions during construction or due to the potential use, storage, or transportation of hazardous materials related to project operations
- **Hydrology and Water Quality:** alteration of drainage patterns, increases in impervious surfaces and stormwater runoff, and potential impacts to water quality during construction and operation of the project
- **Land Use and Planning:** compatibility with planned offsite land uses

- **Noise:** temporary increases in noise (including off-site, vehicle traffic noise) and vibration levels during construction; and long-term increases in noise from project operation, including stationary and mobile sources
- **Population and Housing**: increased population and housing, including potential growth-inducement-related issues
- **Public Services and Recreation**: potential impacts to public services and recreation facilities
- **Transportation and Traffic:** temporary and long-term increases in vehicular trips, potential safety hazards on local roadways, and impacts to transit, pedestrian, or bicycle facilities due to construction and operations
- **Utilities and Service Systems:** increased demand for water, transmission, and treatment; demand for wastewater transmission and treatment; use of recycled water; demand for electricity and natural gas; and the potential need to increase the capacity of existing infrastructure
- **Wildfire:** potential for the project to exacerbate wildfire risks

The aforementioned issue areas and associated impacts will be evaluated in detail in the EIR. As necessary, feasible and practicable mitigation measures will be recommended to reduce any identified significant or potentially significant impacts.

Comment Period: Written comments on the NOP can be sent anytime during the NOP review period which begins June 7 2021 to July 7, 2021. Sacramento State will accept written or electronic comments submitted by 5:00 p.m. on July 7, 2021, to the following address:

Tania Nunez, Project Manager
California State University, Sacramento, Planning, Design, & Construction
6000 J Street
Sacramento, CA 95819
Email: tania.nunez@csus.edu

Comments provided via email should include "Sacramento State - Placer Center NOP Scoping Comment" in the subject line and the name and physical address of the commenter in the body of the email.

Public Scoping Meeting: Sacramento State will host a public scoping meeting to inform interested parties about the project, and to provide agencies and the public with an opportunity to provide comments on the scope and content of the EIR. The scoping meeting will be held via webinar only.

- Tuesday June 15, 2021 5:30 p.m. to 6:30 p.m.
- Participants must register to attend the scoping meeting here: https://csus.zoom.us/meeting/register/tZwtfuyrpjIiHNNQRLvpyGTWkZuVorTwj5MG

  After registering, you will receive the link to log-into the webinar on June 15, 2021.

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June 9, 2021

Tania Nunez
California State University (CSU) Board of Trustees (CSU Sacramento)
6000 J Street
Sacramento, CA 95819

Re: 2021060116, Sacramento State – Placer Center Project, Placer County

Dear Ms. Nunez:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
   a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
   b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
   a. If part or all of the APE has been previously surveyed for cultural resources.
   b. If any known cultural resources have already been recorded on or adjacent to the APE.
   c. If the probability is low, moderate, or high that cultural resources are located in the APE.
   d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
   a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
   b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Sarah.Fonseca@nahc.ca.gov.

Sincerely,

Sarah Fonseca
Cultural Resources Analyst

cc: State Clearinghouse

Placer County
AIR POLLUTION CONTROL DISTRICT

110 Maple Street, Auburn, CA 95603 • (530) 745-2330 • Fax (530) 745-2373 • www.placerair.org

Erik C. White, Air Pollution Control Officer

June 25, 2021

SENT VIA E-MAIL: tania.nunez@csus.edu

Tania Nunez, Project Manager
California State University, Sacramento, Planning, Design & Construction
6000 J Street
Sacramento, CA 95819

SUBJECT: Sacramento State – Placer Center

Ms. Nunez,

Thank you for submitting the **Sacramento State – Placer Center Notice of Preparation Project** (Project) to the Placer County Air Pollution Control District (District) for review and comment. The District provides the following comments for consideration.

1. The District's CEQA Thresholds of Significance for criteria pollutants and Greenhouse Gas (GHG) are summarized in the tables below:

Criteria Pollutant Thresholds								
Construction Phase			Operational Phase Project-Level			Operational Phase Cumulative-Level		
ROG	NOx	PM_{10}	ROG	NOx	PM_{10}	ROG	NOx	PM_{10}
(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
82	82	82	55	55	82	55	55	82

Greenhouse Gas Thresholds			
Bright-line Threshold 10,000 MT CO2e/yr			
Efficiency Matrix			
Residential		Non-residential	
Urban	Rural	Urban	Rural
(MT CO2e/capita)		(MT CO2e/1,000sf)	
4.5	5.5	26.5	27.3
De Minimis Level 1,100 MT CO2e/yr			

The District recommends applying the District's adopted thresholds to determine the level of significance for the Project's related criteria pollutants and GHG impacts.

2. The District's California Environmental Quality Act (CEQA) Air Quality 2017 Handbook (Handbook) provides recommended analytical approaches and feasible mitigation measures when preparing air quality analyses for land use projects. The Handbook is available on the District's website at http://www.placerair.org/landuseandceqa/ceqaairqualityhandbook. Except where noted below additional detail relating to the following recommended items can be found within the Handbook.

   - The Project is located within the Sacramento Valley Air Basin (SVAB) and is under the jurisdiction of the District. The SVAB is designated as nonattainment for federal and state ozone (O_3) standards and non-attainment for the federal PM2.5 – 24-hour standard. Within the Air Quality section, the District recommends the discussion include the area designations for the federal and state standards for the SVAB.

- The California Emissions Estimator Model (CalEEMod) is recommended to estimate the Project related air pollutants emissions from construction and operational phases. CalEEMod quantifies criteria pollutant emissions, including greenhouse gases (GHGs) from construction and operation (including vehicle use), as well as GHG emissions from energy production, solid waste handling, vegetation planting and/or removal, and water conveyance. In addition, CalEEMod calculates the benefits from implementing mitigation measures, including GHG mitigation measures, developed and approved by California Air Pollution Control Officers Association.

  The District also requests that copies of all modeling analysis files be provided during the public review and comment period of the environmental documents.

- In the event the air quality analysis demonstrates the potential for the Project to cause or generate significant adverse air quality related impacts, CEQA requires that all feasible mitigation measures that go beyond what is required by law be utilized during project construction and operation to minimize or eliminate significant adverse air quality impacts. Additional mitigation measures can be found in the District's CEQA Handbook within the following related appendices.

  Appendix A. District Rules and Regulations (Construction and Operational)

  Appendix C. Recommended Mitigation Measures (Construction)

  Appendix E. Recommended Mitigation Measures (Operational)

  Appendix F. Mitigation Measures (Greenhouse Gases)

- The District recommends a CALINE 4 modeling analysis for carbon monoxide (CO) concentration be performed and discussed within the environmental document either of the following scenarios is true for any intersection affected by the project traffic, the project should conduct a site-specific CO dispersion modeling analysis to evaluate the potential local CO emission impact at roadway intersections:

- A traffic study for the project indicates that the peak-hour LOS on one or more streets or at one or more intersections (both signalized and non-signalized) in the project vicinity will be degraded from an acceptable LOS (e.g., A, B, C, or D) to an unacceptable LOS (e.g., E or F); or

- A traffic study indicates that the project will substantially worsen an already existing unacceptable peak-hour LOS on one or more streets or at one or more intersections in the project vicinity. "Substantially worsen" includes situations where a delay would increase by 10 seconds or more when project-generated traffic is included.

3. Any project that includes the use of equipment capable of releasing emissions to the atmosphere may require permits(s) from the District. The applicant, developer, or operator of a project that includes a generator, boiler, hot water heaters should contact the District early to determine if a permit is required, and to begin the permit application process. Portable construction equipment (e.g. generators, compressors, pile drivers, lighting equipment, etc.) with an internal combustion engine over 50 horsepower are required to have a PCAPCD permit or a California Air Resources Board portable equipment registration.

4. District Rule 228, Fugitive Dust (PDF), establishes standards to be met by activities generating fugitive dust. When an area to be disturbed is greater than one acre, a dust control plan must be submitted to and approved by the District. The District has developed an application for this purpose, which can be found on the District website: https://placerair.org/FormCenter/Air-Pollution-Control-6/Dust-Control-Form-52.\

Thank you for allowing the District this opportunity to review the project proposal. Please do not hesitate to contact me at 530.745.2327 or ahobbs@placer.ca.gov if you have any questions.

Sincerely,

Ann Hobbs
Associate Planner
Placer County Air Pollution Control District, Planning & Monitoring Section

July 7, 2021

Tania Nunez, Project Manager
California State University, Sacramento, Planning, Design, & Construction
6000 J Street
Sacramento, CA 95819

via email: tania.nunez@csus.edu

Subject: Sacramento State - Placer Center NOP Scoping Comment

Dear Ms. Nunez:

Placer County appreciates the opportunity to engage at this stage in the process and looks forward to ongoing collaboration with California State University, Sacramento and the California State University (CSU) Board of Trustees on the Sacramento State – Placer Center. After reviewing the submitted information, the County offers the following comments for your consideration regarding the proposed project:

Engineering & Surveying Division

TRANSPORTATION AND TRAFFIC

1. "Required Permits and Approvals" - The EIR should include reference to "Placer County: Improvement Plans and Encroachment Permits for roadway and intersection improvements" as a required permit/approval since this project will be constructing and connecting to County maintained roads.
2. The EIR should clearly indicate the public road and intersection improvements that are proposed to be constructed by the project with each phase and those public road improvements should be consistent with the roadway layout included in the approved Sunset Area Plan. The proposed road improvements should be coordinated with Placer County and the Department of Public Works.

Placer County Flood Control and Water Conservation District

1. The proposed development has the potential to create the following impacts:
   a.) Higher runoff peak flow rates at downstream locations.
   b.) Increased volume of runoff at downstream locations.
   c.) Overloading of the actual or designed capacity of existing stormwater and flood-carrying facilities.
2. The EIR must specifically quantify the incremental effects of each of the above impacts due to this development and must propose mitigation measures where appropriate.

Planning Services Division

1. Coordinate with the Placer Conservation Authority (PCA) (*contact noted below*) if coverage as a Participating Special Entity (PSE) under the Placer County Conservation Program (PCCP) is desired.

Placer Conservation Authority (PCA)

1. Because the County does not have land use authority over the State of California CSU System, this project may apply directly to the Placer Conservation Authority (PCA) as a

Participating Special Entity (PSE) for PCCP coverage for this project (please refer to Section 8.9.4.1 of the PCCP, *Application Process for Participating Special Entities*). Refer questions to Gregg McKenzie, PCA Executive Director, at (530) 745-3074 or gamckenz@placer.ca.gov.

Thank you again for the opportunity to comment on the Notice of Preparation of an EIR for the Sacramento State – Placer Center project.

Should you have any questions, please contact Leigh Chavez, Environmental Coordinator at lchavez@placer.ca.gov or 530-745-3077.

Sincerely,

LEIGH CHAVEZ, PRINCIPAL PLANNER
ENVIRONMENTAL COORDINATOR

CITY OF ROSEVILLE CALIFORNIA

DEVELOPMENT SERVICES
311 Vernon Street
Roseville, California 95678-2649

July 7, 2021

Tania Nunez, Project Manager
California State University, Sacramento, Planning, Design & Construction
6000 J Street
Sacramento, CA 95819

RE: Sacramento State – Placer Center NOP Scoping Comments

Dear Ms. Nunez,

The City of Roseville has reviewed the Notice of Preparation for a project-level EIR for the Sacramento State – Placer Center California State University project (CSU EIR). The City continues to be supportive of a university campus in South Placer County, and appreciates the opportunity to participate in the process as this important project moves forward.

As stated in the NOP, the certified EIR for the Sunset Area Plan/Placer Ranch Specific Plan (SAP/PRSP) analyzed the "University Campus" at a program level based on information available at the time, and the CSU EIR will evaluate project-level environmental effects that were not addressed in detail in the earlier programmatic analysis.

The City will be a participant to the project as a neighbor, and provider of supporting infrastructure and services. The City actively participated throughout preparation of the SAP/PRSP EIR, including a request at the NOP stage for early coordination with Placer County, to ensure potential impacts to the City would be fully described, and to develop mutually-agreeable, adequate mitigation prior to circulation of the DEIR. With that same goal in mind, the City requests the opportunity for proactive coordination concurrent with preparation of the CSU EIR.

As outlined in the NOP, the CSU EIR will tier from the SAP/PRSP EIR to the extent that impacts have been adequately addressed, including impacts to City residents, infrastructure and services. The SAP/PRSP EIR mitigation measures require active involvement on the part of the City, and cite timeframes for implementation (e.g., with final map recordation, submittal of improvement plans or building permits, or prior to construction). Since CSU does not require local agency approvals, the EIR should identify the timing and mechanisms for implementation of mitigation measures under the following circumstances:

1) Absent the process of required local agency approvals (e.g., improvement plans submittal or building permits), what will be the timing and mechanisms for coordination with the City and/or fee payment to the City?

2) How will the mitigation process be formalized when the mitigation is tied to local agency MOU's or Development Agreement (DA) language for the SAP/PRSP? For example, a Placer County/PRSP DA identified an exact dollar amount for each DUE in the SAP/PRSP, to be contributed to the City of Roseville Traffic Mitigation Fund. How do those obligations apply to the proposed project?

The following more specific comments are regarding infrastructure and services that should be evaluated in the EIR. The City has identified the following as potential project-specific issues which should be examined in this project-level analysis:

Planning

The CSU EIR impact analysis should provide:

- A detailed phasing and infrastructure plan analyses. All required off-site improvements should be analyzed.
- An analysis of proposed (sensitive) land use compatibility with the Western Regional Sanitary Landfill (landfill), including consideration of the planned landfill expansion, and the recommended one-mile non-residential buffer. Mitigation should be included in the project to ensure that impacts are minimized.
- Details regarding and impacts related to the proposed stadium (if proposed). Details provided in the project description should include the size and height of the stadium, hours of operation, stadium capacity, and access design. Potential impacts which should be examined include noise, lighting, and special event traffic/access issues.
- Details regarding the location and size of student and faculty housing, which describes the number of students and faculty that can be accommodated by on-site housing and the number which will need to rely on off-site housing.
- A description of how on-site public services will be operated (i.e. police, fire, etc.), and how these services will be coordinated with off-campus service providers.
- The SAP/PRSP does not include funding for a library, and while the SAP/PRSP EIR acknowledged this could have impacts to the City's libraries, it also speculated that the proposed university could provide a library which meets community-wide needs and is accessible. The project description should describe the campus library and whether it will be publically accessible.

Environmental Utilities

- Additional wastewater effluent discharge flows to the Pleasant Grove Wastewater Treatment Plant (PGWWTP) should be analyzed. The EIR wastewater impact analysis should assume build-out flow conditions at the PGWWTP when evaluating cumulative project impacts to the PGWWTP.
- If the project includes using recycled water, the EIR should identify coordination with the City of Roseville, and the analysis should document the availability of recycled water, and the required onsite and offsite infrastructure.
- An odor analysis addressing the proximity of the landfill should acknowledge the reasonably foreseeable landfill expansion project (https://www.wpwma.com/), and address the potential impacts of the project relative to that future project.
- The odor analysis should recognize payment of fair share fees as a feasible mitigation measure, which would allow the landfill to make modifications to mitigate odors.

Public Works

As noted above, the City will expect, and need, all of the relevant requirements of the SAP/PRSP EIR to apply to the CSU EIR. More specifically, planning and installing infrastructure for Intelligent Transportation System (ITS), bike trail connections, bus service connections, etc. Flood modeling identification of potential impacts to the City, and mitigation identified. Mitigation measures should be structured in coordination with the City to ensure well-defined mitigation measures, including paying into the City's fee program(s) as appropriate.

Engineering

It is the City's understanding that an updated traffic analysis will be prepared. Please consider allowing the City to review the scope of the updated traffic study. Should the traffic study identify traffic impacts beyond what was anticipated in the SAP/PRSP EIR, there are likely going to be impacts to the City's roadways, and coordination with the City would help to identify appropriate and feasible mitigation measures.

The SAP/PRSP EIR identified as a mitigation measure that traffic impact fees will be paid, and a fee has been formalized in a DA. The City presumes that those provisions remain in place and that the impact fees will be a component of the mitigation measures for the CSU-Placer Center project. The EIR should outline how those provisions will be preserved as mitigation measures.

Police

The public services section of the EIR should outline the timing/implementation plan for law enforcement on the proposed campus. Early and detailed coordination will need to occur between Roseville Police Department, Placer County Sheriff's Office, and the new campus police.

Thank you for considering the City's comments. The City of Roseville is supportive of the project, and looks forward to working in partnership with CSU as the project moves forward. Please contact me at (916)774-5536 or tshirhall@roseville.ca.us if you have any informational needs or questions.

Sincerely,

Terri Shirhall
Environmental Coordinator

cc: Greg Bitter, Planning Manager
George Hanson, Principal Engineer
Marc Stout, Engineering Manager
Stephanie Kemen, Engineering Manager
Lauren Hocker, Senior Planner

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State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
North Central Region
1701 Nimbus Road, Suite A
Rancho Cordova, CA 95670-4599
916-358-2900
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

July 7, 2021

Tania Nunez, Project Manager
California State University, Sacramento, Planning, Design, and Construction
6000 J Street
Sacramento, CA 95819
tania.nunez@csus.edu

Subject: SACRAMENTO STATE – PLACER CENTER NOTICE OF PREPARATION
SCH# 2021060116

Dear Ms. Nunez:

The California Department of Fish and Wildlife (CDFW) received and reviewed the Notice of Preparation of an Environmental Impact Report (EIR) from California State University, Sacramento (Sacramento State) for the Sacramento State – Placer Center Project (Project), in Placer County, pursuant the California Environmental Quality Act (CEQA) statute and guidelines.

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish, wildlife, plants and their habitats. Likewise, we appreciate the opportunity to provide comments regarding those aspects of the Project that CDFW, by law, may need to exercise its own regulatory authority under the Fish and Game Code (Fish & G. Code).

CDFW ROLE

CDFW is California's Trustee Agency for fish and wildlife resources and holds those resources in trust by statute for all the people of the State (Fish & G. Code, §§ 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines § 15386, subd. (a).). CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species (*Id.*, § 1802.). Similarly, for purposes of CEQA, CDFW provides, as available, biological expertise during public agency environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect fish and wildlife resources.

CDFW may also act as a Responsible Agency under CEQA. (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381.) CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code. As proposed, for example, the Project may be subject to CDFW's lake and streambed alteration regulatory authority. (Fish & G. Code, § 1600 et seq.) Likewise, to the extent implementation of the Project as proposed may result in "take" as defined by State law

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of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 et seq.), the project proponent may seek related take authorization as provided by the Fish and Game Code.

PROJECT DESCRIPTION SUMMARY

The 301-acre Project site is located in western Placer County, north of the City of Roseville. The site is located directly east of Fiddyment Road, north of the planned east-west Sunset Boulevard roadway alignment, south of Athens Avenue, and west of Foothills Boulevard.

The Project consists of the development of a comprehensive plan that will provide a detailed land use, development, and policy program to guide the long-term buildout of the Sacramento State – Placer Center, a campus that supports academic and student success and promotes diversity and inclusion while also serving as an economic anchor for the region that promotes community building and placemaking.

Buildout of the Project is anticipated to include four phases of development over a period of 15+ years, as summarized below.

- Phase 1 would focus on the academic core of Sacramento State - Placer Center, located in the southeast portion of the site, just north of the planned Sunset Boulevard alignment. Phase 1 would include Sacramento State academic buildings, a Sierra College transfer center (i.e., facilitation center for community college students transitioning to a four-year college setting), a library, a Placer County crime lab, a central heating and cooling plant, the land for the County fire station, shipping and receiving corporation yard, and parking.

- Phase 2 would include recreation and wellness facilities on the western portion of the site and would expand the academic core with a student center building, additional academic classrooms and laboratory buildings, housing, a dining center, an administrative building, a second central heating and cooling plant, and parking.

- Phase 3 would represent a substantial expansion, including a mix of publicly accessible program space, expansion of academic facilities, and additional housing. Phase 3 public program space would include a performance center, continuing education building, and conference center. Phase 3 would expand academic buildings, including classrooms and laboratories, and recreation and wellness facilities, and include additional University-related housing. This phase would be supported by additional corporation yard space, administrative building space, another central heating and cooling plant, and parking.

- Phase 4 would involve final buildout of the site, including further development near the eastern boundary of the site and an innovation district in the northeastern portion of the project site. It is anticipated that this development would provide hands-on learning and internship opportunities for students,

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furthering the California State University's academic and professional scope of programs, while enriching the academic experience through innovative commercial/industrial enterprises.

The Project description in the EIR should include the whole action as defined in the CEQA Guidelines § 15378 and should include appropriate detailed exhibits disclosing the Project area including temporary impacted areas such as equipment stage area, spoils areas, adjacent infrastructure development, staging areas and access and haul roads if applicable.

As required by § 15126.6 of the CEQA Guidelines, the EIR should include an appropriate range of reasonable and feasible alternatives that would attain most of the basic Project objectives and avoid or minimize significant impacts to resources under CDFW's jurisdiction.

COMMENTS AND RECOMMENDATIONS

CDFW offers the comments and recommendations presented below to assist the Lead Agency in adequately identifying and/or mitigating the Project's significant, or potentially significant, impacts on biological resources. The comments and recommendations are also offered to enable CDFW to adequately review and comment on the proposed Project with respect to impacts on biological resources. CDFW recommends that the forthcoming EIR address the following:

Assessment of Biological Resources

Section 15125(c) of the CEQA Guidelines states that knowledge of the regional setting of a project is critical to the assessment of environmental impacts and that special emphasis should be placed on environmental resources that are rare or unique to the region. To enable CDFW staff to adequately review and comment on the Project, the EIR should include a complete assessment of the flora and fauna within and adjacent to the Project footprint, with emphasis on identifying rare, threatened, endangered, and other sensitive species and their associated habitats. CDFW recommends the EIR specifically include:

1. An assessment of all habitat types located within the Project footprint, and a map that identifies the location of each habitat type. CDFW recommends that floristic, alliance- and/or association-based mapping and assessment be completed following, *The Manual of California Vegetation*, second edition (Sawyer 2009). Adjoining habitat areas should also be included in this assessment where site activities could lead to direct or indirect impacts offsite. Habitat mapping at the alliance level will help establish baseline vegetation conditions.

2. A general biological inventory of the fish, amphibian, reptile, bird, and mammal species that are present or have the potential to be present within each habitat type onsite and within adjacent areas that could be affected by the Project. CDFW recommends that the California Natural Diversity Database (CNDDB), as

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well as previous studies performed in the area, be consulted to assess the potential presence of sensitive species and habitats. A nine United States Geologic Survey (USGS) 7.5-minute quadrangle search is recommended to determine what may occur in the region, larger if the Project area extends past one quad (see *Data Use Guidelines* on the Department webpage www.wildlife.ca.gov/Data/CNDDB/Maps-and-Data). Please review the webpage for information on how to access the database to obtain current information on any previously reported sensitive species and habitat, including Significant Natural Areas identified under Chapter 12 of the Fish and Game Code, in the vicinity of the Project. CDFW recommends that CNDDB Field Survey Forms be completed and submitted to CNDDB to document survey results. Online forms can be obtained and submitted at: https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data.

Please note that CDFW's CNDDB is not exhaustive in terms of the data it houses, nor is it an absence database. CDFW recommends that it be used as a starting point in gathering information about the *potential presence* of species within the general area of the Project site. Other sources for identification of species and habitats near or adjacent to the Project area should include, but may not be limited to, State and federal resource agency lists, California Wildlife Habitat Relationship (CWHR) System, California Native Plant Society (CNPS) Inventory, agency contacts, environmental documents for other projects in the vicinity, academics, and professional or scientific organizations.

3. A complete and recent inventory of rare, threatened, endangered, and other sensitive species located within the Project footprint and within offsite areas with the potential to be affected, including California Species of Special Concern and California Fully Protected Species (Fish & G. Code § 3511). Species to be addressed should include all those which meet the CEQA definition (CEQA Guidelines § 15380). The inventory should address seasonal variations in use of the Project area and should not be limited to resident species. The EIR should include the results of focused species-specific surveys, completed by a qualified biologist and conducted at the appropriate time of year and time of day when the sensitive species are active or otherwise identifiable. Species-specific surveys should be conducted in order to ascertain the presence of species with the potential to be directly, indirectly, on or within a reasonable distance of the Project activities. CDFW recommends the Lead Agency rely on survey and monitoring protocols and guidelines available at: www.wildlife.ca.gov/Conservation/Survey-Protocols. Alternative survey protocols may be warranted; justification should be provided to substantiate why an alternative protocol is necessary. Acceptable species-specific survey procedures should be developed in consultation with CDFW and the U.S. Fish and Wildlife Service, where necessary. Some aspects of the Project may warrant periodic updated surveys for certain sensitive taxa, particularly if the Project is proposed to occur over a protracted time frame, or in phases, or if surveys are completed during periods of drought or deluge.

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4. A thorough, recent (within the last two years), floristic-based assessment of special-status plants and natural communities, following CDFW's *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (see www.wildlife.ca.gov/Conservation/Plants).

5. Information on the regional setting that is critical to an assessment of environmental impacts, with special emphasis on resources that are rare or unique to the region (CEQA Guidelines § 15125[c]).

Analysis of Direct, Indirect, and Cumulative Impacts to Biological Resources

The EIR should provide a thorough discussion of the Project's potential direct, indirect, and cumulative impacts on biological resources. To ensure that Project impacts on biological resources are fully analyzed, the following information should be included in the EIR:

1. The EIR should define the threshold of significance for each impact and describe the criteria used to determine whether the impacts are significant (CEQA Guidelines, § 15064, subd. (f)). The EIR must demonstrate that the significant environmental impacts of the Project were adequately investigated and discussed and it must permit the significant effects of the Project to be considered in the full environmental context.

2. A discussion of potential impacts from lighting, noise, human activity, and wildlife-human interactions created by Project activities especially those adjacent to natural areas, exotic and/or invasive species occurrences, and drainages. The EIR should address Project-related changes to drainage patterns and water quality within, upstream, and downstream of the Project site, including: volume, velocity, and frequency of existing and post-Project surface flows; polluted runoff; soil erosion and/or sedimentation in streams and water bodies; and post-Project fate of runoff from the Project site.

3. A discussion of potential indirect Project impacts on biological resources, including resources in areas adjacent to the Project footprint, such as nearby public lands (e.g. National Forests, State Parks, etc.), open space, adjacent natural habitats, riparian ecosystems, wildlife corridors, and any designated and/or proposed reserve or mitigation lands (e.g., preserved lands associated with a Conservation or Recovery Plan, or other conserved lands).

4. A cumulative effects analysis developed as described under CEQA Guidelines section 15130. The EIR should discuss the Project's cumulative impacts to natural resources and determine if that contribution would result in a significant impact. The EIR should include a list of present, past, and probable future projects producing related impacts to biological resources or shall include a summary of the projections contained in an adopted local, regional, or statewide plan, that consider conditions contributing to a cumulative effect. The cumulative

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analysis shall include impact analysis of vegetation and habitat reductions within the area and their potential cumulative effects. Please include all potential direct and indirect Project-related impacts to riparian areas, wetlands, wildlife corridors or wildlife movement areas, aquatic habitats, sensitive species and/or special-status species, open space, and adjacent natural habitats in the cumulative effects analysis.

Mitigation Measures for Project Impacts to Biological Resources

The EIR should include appropriate and adequate avoidance, minimization, and/or mitigation measures for all direct, indirect, and cumulative impacts that are expected to occur as a result of the construction and long-term operation and maintenance of the Project. CDFW also recommends the environmental documentation provide scientifically supported discussion regarding adequate avoidance, minimization, and/or mitigation measures to address the Project's significant impacts upon fish and wildlife and their habitat. For individual projects, mitigation must be roughly proportional to the level of impacts, including cumulative impacts, in accordance with the provisions of CEQA (Guidelines § § 15126.4(a)(4)(B), 15064, 15065, and 16355). In order for mitigation measures to be effective, they must be specific, enforceable, and feasible actions that will improve environmental conditions. When proposing measures to avoid, minimize, or mitigate impacts, CDFW recommends consideration of the following:

1. *Fully Protected Species*: Several Fully Protected Species (Fish & G. Code § 3511) have the potential to occur within or adjacent to the Project area, including, but not limited to: white-tailed kite (*Elanus leucurus*), golden eagle (*Aquila chrysaetos*), bald eagle (*Haliaeetus leucocephalus*), American peregrine falcon (*Falco peregrinus anatum*), and California black rail (*Laterallus jamaicensis*). Fully protected species may not be taken or possessed at any time. Project activities described in the EIR should be designed to completely avoid any fully protected species that have the potential to be present within or adjacent to the Project area. CDFW also recommends the EIR fully analyze potential adverse impacts to fully protected species due to habitat modification, loss of foraging habitat, and/or interruption of migratory and breeding behaviors. CDFW recommends that the Lead Agency include in the analysis how appropriate avoidance, minimization and mitigation measures will reduce indirect impacts to fully protected species.

2. *Sensitive Plant Communities*: CDFW considers sensitive plant communities to be imperiled habitats having both local and regional significance. Plant communities, alliances, and associations with a statewide ranking of S-1, S-2, S-3, and S-4 should be considered sensitive and declining at the local and regional level. These ranks can be obtained by querying the CNDDB and are included in *The Manual of California Vegetation* (Sawyer 2009). The EIR should include measures to fully avoid and otherwise protect sensitive plant communities from Project-related direct and indirect impacts.

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3. *Mitigation*: CDFW considers adverse Project-related impacts to sensitive species and habitats to be significant to both local and regional ecosystems, and the EIR should include mitigation measures for adverse Project-related impacts to these resources. Mitigation measures should emphasize avoidance and reduction of Project impacts. For unavoidable impacts, onsite habitat restoration, enhancement, or permanent protection should be evaluated and discussed in detail. If onsite mitigation is not feasible or would not be biologically viable and therefore not adequately mitigate the loss of biological functions and values, offsite mitigation through habitat creation and/or acquisition and preservation in perpetuity should be addressed.

   The EIR should include measures to perpetually protect the targeted habitat values within mitigation areas from direct and indirect adverse impacts in order to meet mitigation objectives to offset Project-induced qualitative and quantitative losses of biological values. Specific issues that should be addressed include restrictions on access, proposed land dedications, long-term monitoring and management programs, control of illegal dumping, water pollution, increased human intrusion, etc.

4. *Habitat Revegetation/Restoration Plans*: Plans for restoration and revegetation should be prepared by persons with expertise in the regional ecosystems and native plant restoration techniques. Plans should identify the assumptions used to develop the proposed restoration strategy. Each plan should include, at a minimum: (a) the location of restoration sites and assessment of appropriate reference sites; (b) the plant species to be used, sources of local propagules, container sizes, and seeding rates; (c) a schematic depicting the mitigation area; (d) a local seed and cuttings and planting schedule; (e) a description of the irrigation methodology; (f) measures to control exotic vegetation on site; (g) specific success criteria; (h) a detailed monitoring program; (i) contingency measures should the success criteria not be met; and (j) identification of the party responsible for meeting the success criteria and providing for conservation of the mitigation site in perpetuity. Monitoring of restoration areas should extend across a sufficient time frame to ensure that the new habitat is established, self-sustaining, and capable of surviving drought.

   CDFW recommends that local onsite propagules from the Project area and nearby vicinity be collected and used for restoration purposes. Onsite seed collection should be appropriately timed to ensure the viability of the seeds when planted. Onsite vegetation mapping at the alliance and/or association level should be used to develop appropriate restoration goals and local plant palettes. Reference areas should be identified to help guide restoration efforts. Specific restoration plans should be developed for various Project components as appropriate. Restoration objectives should include protecting special habitat elements or re-creating them in areas affected by the Project. Examples may include retention of woody material, logs, snags, rocks, and brush piles. Fish and Game Code sections 1002, 1002.5 and 1003 authorize CDFW to issue permits

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for the take or possession of plants and wildlife for scientific, educational, and propagation purposes. Please see our website for more information on Scientific Collecting Permits at www.wildlife.ca.gov/Licensing/Scientific-Collecting#53949678-regulations-.

5. *Nesting Birds:* Please note that it is the Project proponent's responsibility to comply with all applicable laws related to nesting birds and birds of prey. Migratory non-game native bird species are protected by international treaty under the federal Migratory Bird Treaty Act (MBTA) of 1918, as amended (16 U.S.C. 703 *et seq.*). CDFW implemented the MBTA by adopting the Fish and Game Code section 3513. Fish and Game Code sections 3503, 3503.5 and 3800 provide additional protection to nongame birds, birds of prey, their nests and eggs. Sections 3503, 3503.5, and 3513 of the Fish and Game Code afford protective measures as follows: section 3503 states that it is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by the Fish and Game Code or any regulation made pursuant thereto; section 3503.5 states that is it unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes (birds-of-prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by the Fish and Game Code or any regulation adopted pursuant thereto; and section 3513 states that it is unlawful to take or possess any migratory nongame bird as designated in the MBTA or any part of such migratory nongame bird except as provided by rules and regulations adopted by the Secretary of the Interior under provisions of the MBTA.

   Potential habitat for nesting birds and birds of prey is present within the Project area. The Project should disclose all potential activities that may incur a direct or indirect take to nongame nesting birds within the Project footprint and its vicinity. Appropriate avoidance, minimization, and/or mitigation measures to avoid take must be included in the EIR.

   CDFW recommends the EIR include specific avoidance and minimization measures to ensure that impacts to nesting birds or their nests do not occur. Project-specific avoidance and minimization measures may include, but not be limited to: Project phasing and timing, monitoring of Project-related noise (where applicable), sound walls, and buffers, where appropriate. The EIR should also include specific avoidance and minimization measures that will be implemented should a nest be located within the Project site. In addition to larger, protocol level survey efforts (e.g. Swainson's hawk surveys) and scientific assessments, CDFW recommends a final preconstruction survey be required no more than three (3) days prior to vegetation clearing or ground disturbance activities, as instances of nesting could be missed if surveys are conducted earlier.

6. *Moving out of Harm's Way:* The Project is anticipated to result in the clearing of natural habitats that support native species. To avoid direct mortality, the Lead Agency should state in the EIR that a qualified biologist with the proper handling

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permits, shall be retained to be onsite prior to and during all ground- and habitat-disturbing activities. Furthermore, the EIR should describe that the qualified biologist with the proper permits may move out of harm's way special-status species or other wildlife of low or limited mobility that would otherwise be injured or killed from Project-related activities, as needed. The EIR should also describe qualified biologist qualifications and authorities to stop work to prevent direct mortality of special-status species. CDFW recommends fish and wildlife species be allowed to move out of harm's way on their own volition, if possible, and to assist their relocation as a last resort. It should be noted that the temporary relocation of onsite wildlife does not constitute effective mitigation for habitat loss.

7. *Translocation of Species*: CDFW generally does not support the use of relocation, salvage, and/or transplantation as the sole mitigation for impacts to rare, threatened, or endangered species as these efforts are generally experimental in nature and largely unsuccessful. Therefore, the EIR should describe additional mitigation measures utilizing habitat restoration, conservation, and/or preservation, in addition to avoidance and minimization measures, if it is determined that there may be impacts to rare, threatened, or endangered species.

The EIR should incorporate mitigation performance standards that would ensure that impacts are reduced to a less-than-significant level. Mitigation measures proposed in the EIR should be made a condition of approval of the Project. Please note that obtaining a permit from CDFW by itself with no other mitigation proposal may constitute mitigation deferral. CEQA Guidelines section 15126.4, subdivision (a)(1)(B) states that formulation of mitigation measures should not be deferred until some future time. To avoid deferring mitigation in this way, the EIR should describe avoidance, minimization and mitigation measures that would be implemented should the impact occur.

California Endangered Species Act

CDFW is responsible for ensuring appropriate conservation of fish and wildlife resources including threatened, endangered, and/or candidate plant and animal species, pursuant to the CESA. CDFW recommends that a CESA Incidental Take Permit (ITP) be obtained if the Project has the potential to result in "take" (Fish & G. Code § 86 defines "take" as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill") of State-listed CESA species, either through construction or over the life of the Project.

CESA-listed species with the potential to occur in the area include, but are not limited to: Swainson's hawk (*Buteo swainsoni*), tricolored blackbird (*Agelaius tricolor*), western yellow-billed cuckoo (*Coccyzus americanus occidentalis*), giant garter snake (*Thamnophis gigas*), Boggs Lake hedge-hyssop (*Gratiola heterosepala*), and Sacramento Orcutt grass (*Orcuttia viscida*).

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The EIR should disclose the potential of the Project to take CESA-listed species and how the impacts will be avoided, minimized, and mitigated. Please note that mitigation measures that are adequate to reduce impacts to a less-than significant level to meet CEQA requirements may not be enough for the issuance of an ITP. To facilitate the issuance of an ITP, if applicable, CDFW recommends the EIR include measures to minimize and fully mitigate the impacts to any State-listed species the Project has potential to take. CDFW encourages early consultation with staff to determine appropriate measures to facilitate future permitting processes and to engage with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service to coordinate specific measures if both state and federally listed species may be present within the Project vicinity.

Native Plant Protection Act

The Native Plant Protection Act (NPPA) (Fish & G. Code §1900 *et seq*.) prohibits the take or possession of State-listed rare and endangered plants, including any part or product thereof, unless authorized by CDFW or in certain limited circumstances. Take of State-listed rare and/or endangered plants due to Project activities may only be permitted through an ITP or other authorization issued by CDFW pursuant to California Code of Regulations, Title 14, section 786.9 subdivision (b).

Lake and Streambed Alteration Program

The EIR should identify all perennial, intermittent, and ephemeral rivers, streams, lakes, other hydrologically connected aquatic features, and any associated biological resources/habitats present within the entire Project footprint (including utilities, access and staging areas). The environmental document should analyze all potential temporary, permanent, direct, indirect and/or cumulative impacts to the above-mentioned features and associated biological resources/habitats that may occur because of the Project. If it is determined the Project will result in significant impacts to these resources the EIR shall propose appropriate avoidance, minimization and/or mitigation measures to reduce impacts to a less-than-significant level.

Section 1602 of the Fish and Game Code requires an entity to notify CDFW prior to commencing any activity that may do one or more of the following: substantially divert or obstruct the natural flow of any river, stream or lake; substantially change or use any material from the bed, channel or bank of any river, stream, or lake; or deposit debris, waste or other materials that could pass into any river, stream or lake. Please note that "any river, stream or lake" includes those that are episodic (i.e., those that are dry for periods of time) as well as those that are perennial (i.e., those that flow year-round). This includes ephemeral streams and watercourses with a subsurface flow. It may also apply to work undertaken within the flood plain of a body of water.

If CDFW determines that the Project activities may substantially adversely affect an existing fish or wildlife resource, a Lake and Streambed Alteration (LSA) Agreement will be issued which will include reasonable measures necessary to protect the resource. CDFW's issuance of an LSA Agreement is a "project" subject to CEQA (see Pub.

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Resources Code 21065). To facilitate issuance of an LSA Agreement, if one is necessary, the EIR should fully identify the potential impacts to the lake, stream, or riparian resources, and provide adequate avoidance, mitigation, and monitoring and reporting commitments. Early consultation with CDFW is recommended, since modification of the Project may avoid or reduce impacts to fish and wildlife resources. To submit an LSA Notification package, please go to https://www.wildlife.ca.gov/Conservation/Environmental-Review/LSA.

Please note that other agencies may use specific methods and definitions to determine impacts to areas subject to their authorities. These methods and definitions often do not include all needed information for CDFW to determine the extent of fish and wildlife resources affected by activities subject to Notification under Fish and Game Code section 1602. Therefore, CDFW does not recommend relying solely on methods developed specifically for delineating areas subject to other agencies' jurisdiction (such as United States Army Corps of Engineers) when mapping lakes, streams, wetlands, floodplains, riparian areas, etc. in preparation for submitting a Notification of an LSA.

CDFW relies on the Lead Agency environmental document analysis when acting as a responsible agency issuing an LSA Agreement. CDFW recommends lead agencies coordinate with us as early as possible, since potential modification of the proposed Project may avoid or reduce impacts to fish and wildlife resources and expedite the Project approval process.

The following information will be required for the processing of an LSA Notification and CDFW recommends incorporating this information into any forthcoming CEQA document(s) to avoid subsequent documentation and Project delays:

1. Mapping and quantification of lakes, streams, and associated fish and wildlife habitat (e.g., riparian habitat, freshwater wetlands, etc.) that will be temporarily and/or permanently impacted by the Project, including impacts from access and staging areas. Please include an estimate of impact to each habitat type.

2. Discussion of specific avoidance, minimization, and mitigation measures to reduce Project impacts to fish and wildlife resources to a less-than-significant level. Please refer to section 15370 of the CEQA Guidelines.

Based on review of Project materials and aerial photography, the Project site supports multiple unnamed tributaries to Pleasant Grove Creek and associated riparian habitat. CDFW recommends the EIR fully identify the Project's potential impacts to streams and/or its associated vegetation and wetlands.

Placer County Conservation Program

The Project is located within the Valley portion of Plan Area A of the Placer County Conservation Program (PCCP). The PCCP comprises three planning documents published by Placer County: the Western Placer County Habitat Conservation Plan and

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Natural Community Conservation Plan (HCP/NCCP), the Western Placer County Aquatic Resources Program, and the Western Placer County In-Lieu Fee Program.

CEQA Guidelines section 15125(d) states that EIRs must discuss any inconsistencies between projects and applicable plans (including habitat conservation plans/natural community conservation plans). Because the PCCP is now approved and being implemented, CDFW recommends the EIR include a discussion of each Project alternative's consistency with the PCCP and how Sacramento State will ensure that implementation of the Project alternatives do not impede the PCCP's ability to meet its biological goals and objectives.

The CDFW recommends the EIR evaluate the various Project alternatives' potential to form a partnership with the Placer Conservation Authority (PCA) to implement the Project as a Covered Activity under the HCP/NCCP. If the proposed Project were able to proceed as a Covered Activity under the HCP/NCCP in partnership with the PCA, the Project would benefit from obtaining take coverage for applicable state/federally protected species as well as streamlined/programmatic permitting for impacts to state and federally protected aquatic resources. The final PCCP documents can be found at: http://www.placer.ca.gov/3362/Placer-County-Conservation-Program.

ENVIRONMENTAL DATA

CEQA requires that information developed in environmental impact reports and negative declarations be incorporated into a database, which may be used to make subsequent or supplemental environmental determinations (Pub. Resources Code, § 21003, subd. (e)). Accordingly, please report any special-status species and natural communities detected during Project surveys to the California Natural Diversity Database (CNDDB). The CNNDB field survey form can be found at the following link: https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data. The completed form can be submitted online or mailed electronically to CNDDB at the following email address: CNDDB@wildlife.ca.gov.

FILING FEES

The Project, as proposed, would have an effect on fish and wildlife, and assessment of filing fees is necessary. Fees are payable upon filing of the Notice of Determination by the Lead Agency and serve to help defray the cost of environmental review by CDFW. Payment of the fee is required in order for the underlying project approval to be operative, vested, and final. (Cal. Code Regs, tit. 14, § 753.5; Fish & G. Code § 711.4; Pub. Resources Code, § 21089.)

CONCLUSION

Pursuant to Public Resources Code sections 21092 and 21092.2, CDFW requests written notification of proposed actions and pending decisions regarding the Project. Written notifications shall be directed to: California Department of Fish and Wildlife North Central Region, 1701 Nimbus Road, Rancho Cordova, CA 95670.

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CDFW appreciates the opportunity to comment on the NOP of the EIR for the Project and recommends the Lead Agency address CDFW's comments and concerns in the forthcoming EIR. CDFW personnel are available for consultation regarding biological resources and strategies to minimize impacts.

If you have any questions regarding the comments provided in this letter or wish to schedule a meeting and/or site visit, please contact Patrick Moeszinger, Senior Environmental Scientist (Specialist) at (916) 767-3935 or patrick.moeszinger@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Billie Wilson
0782645E72B54D0...

Kelley Barker
Environmental Program Manager

ec: Juan Torres, Senior Environmental Scientist (Supervisory)
Patrick Moeszinger, Senior Environmental Scientist (Specialist)
Department of Fish and Wildlife

Office of Planning and Research, State Clearinghouse, Sacramento

Literature Cited

Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens. 2009. A Manual of California Vegetation, 2nd ed. California Native Plant Society Press, Sacramento, California. http://vegetation.cnps.org/

7 July 2021

Tania Nunez
California State University, Sacramento, Planning,
Design, & Construction
6000 J Street
Sacramento, CA 95819

COMMENTS TO REQUEST FOR REVIEW FOR THE NOTICE OF PREPARATION FOR THE DRAFT ENVIRONMENTAL IMPACT REPORT, SACRAMENTO STATE - PLACER CENTER PROJECT, SCH#2021060116, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER, AND YUBA COUNTIES

Pursuant to the State Clearinghouse's 7 June 2021 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Notice of Preparation for the Draft Environmental Impact Report* for the Sacramento State - Placer Center Project, located in El Dorado, Nevada, Placer, Sacramento, Sutter, and Yuba Counties.

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has

adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources Control Board (State Water Board), Office of Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:
http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/

Antidegradation Considerations

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:
https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf

In part it states:

Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.

This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

II. Permitting Requirements

Construction Storm Water General Permit

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit), Construction General Permit Order No. 2009-0009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). For more information on the Construction General Permit, visit the

State Water Resources Control Board website at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml

Phase I and II Municipal Separate Storm Sewer System (MS4) Permits[1]
The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:
http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

Industrial Storm Water General Permit
Storm water discharges associated with industrial sites must comply with the regulations contained in the Industrial Storm Water General Permit Order No. 2014-0057-DWQ. For more information on the Industrial Storm Water General Permit, visit the Central Valley Water Board website at:
http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/industrial_general_permits/index.shtml

Clean Water Act Section 404 Permit
If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act

[1] Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities (serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4s, which include military bases, public campuses, prisons and hospitals.

Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

Clean Water Act Section 401 Permit – Water Quality Certification
If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/

Waste Discharge Requirements – Discharges to Waters of the State
If USACE determines that only non-jurisdictional waters of the State (i.e., "non-federal" waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at:https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at: https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf

Dewatering Permit
If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Threat General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Threat Waiver) R5-2018-0085. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage

under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at: http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf

For more information regarding the Low Threat Waiver and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf

Limited Threat General NPDES Permit
If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf

NPDES Permit
If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: https://www.waterboards.ca.gov/centralvalley/help/permit/

If you have questions regarding these comments, please contact me at (916) 464-4709 or Greg.Hendricks@waterboards.ca.gov.

Greg Hendricks
Environmental Scientist

cc: State Clearinghouse unit, Governor's Office of Planning and Research, Sacramento

BILL HALLDIN, ROCKLIN, CHAIR
DAN KARLESKINT, LINCOLN
ROBERT WEYGANDT, PLACER COUNTY
PAULINE ROCCUCCI, ROSEVILLE
BONNIE GORE, PLACER COUNTY
KEN GREHM, EXECUTIVE DIRECTOR

July 7, 2021

Tania Nunez, Project Manager
California State University, Sacramento
Planning, Design & Construction
6000 J Street
Sacramento, CA 95819
SENT VIA EMAIL: tania.nunez@csus.edu

RE: SACRAMENTO STATE – PLACER CENTER NOTICE OF PREPARATION

Dear Ms. Nunez:

The Western Placer Waste Management Authority (WPWMA) appreciates the opportunity to review and provide comments on the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the Sacramento State – Placer Center Project.

The WPWMA is a joint powers authority established in 1978 by the County of Placer and the cities of Roseville, Rocklin and Lincoln (Member Agencies) governed by a Board of Directors comprised of elected officials from each Member Agency. The WPWMA provides recycling and waste disposal services to those communities as well as the cities of Auburn and Colfax and Town of Loomis. The WPWMA also provides waste disposal services to individuals, businesses and other governmental agencies in and around Placer County. The WPWMA's facilities, located at Athens Avenue and Fiddyment Road, are centered in the Sunset Area. The WPWMA's properties total nearly 960 acres, of which approximately 800 are entitled for landfilling and 320 are used for active solid waste operations.

The WPWMA's facilities include the Western Regional Sanitary Landfill (WRSL) (the only active landfill in Placer County), a materials recovery facility (MRF) and compost facility, recycling drop-off and buy-back center and permanent household hazardous waste collection facility. The WPWMA's facilities provide for environmentally protective and sanitary disposal of solid wastes and ensure that municipalities, businesses and individuals utilizing the facility continue to comply with state and federal laws related to the diversion of materials from landfilling and the safe and proper handling of household hazardous wastes.

Considering the Project's proximity to the WRSL and MRF, including proposed residential and recreational development, the WPWMA would like to fully understand its potential impacts to the long-term viability of the WPWMA's facilities and operations. The WPWMA recommends that the DEIR include an evaluation of potential land use conflicts and Project impacts such as odor, dust, noise, traffic and other aesthetic

impacts on future University residents, students, faculty and visitors as a result of their proximity to the WPWMA's facilities.

Additionally, should the Project intend to rely upon the WPWMA's facilities for solid waste management, recycling and disposal services during and after Project construction, the DEIR should consider the short-term impacts from construction and demolition (C&D) debris generated during construction and the long-term impacts from solid waste generated from the Project after completion. The WPWMA recommends the DEIR include the estimated amount of solid waste generated during construction and after Project completion, and should determine if the increase in waste will impact the lifespan of the WRSL, the processing capabilities of the MRF, the available permitted capacity of either facility, or require construction of a new or expanded disposal facility.

The WPWMA looks forward to reviewing the DEIR and continuing to work closely with the University to ensure the long-term viability of our operations and enable us to continue providing valuable public services to the residents, businesses and government agencies in Placer County.

Please contact me at (916) 543-3984 should you wish to discuss these comments.

Sincerely,

Eric Oddo
Eric Oddo (Jul 7, 2021 15:25 PDT)

Eric Oddo, P.E.
Program Manager

CC: WPWMA BOARD OF DIRECTORS

Alliance for Environmental Leadership

September 1, , 2022

Ms. Tania Nunez Project Manager
California State University Sacramento
Planning, Design & Construction
6000 J Street
Sacramento, CA 95819

Subject: Comments on CSU Placer Center Project Notice of Preparation and EIR Process

Dear Ms. Nunez:

The Alliance for Environmental Leadership (AEL) appreciates the opportunity to submit comments to support the scoping process for the Notice of Preparation on the CSU Placer Center Project CEQA EIR process. We are an alliance of 16 environmental and civic organizations, several of which contributed content to this letter.*

Our interest in the Placer Center Project is longstanding. We previously shared our interest in the project in a letter to the Board of Trustees in February 2020 and during extensive email correspondence with CSU staff between 2019 - 2021.

The creation of a new CSU campus within Placer County requires thoughtful planning with due considerations for project feasibility, public health and welfare, and the natural environment in western Placer County. We are sure you are aware that the 301-acre site supports prime vernal pool habitat and at least 14 special-status species.

AEL was actively involved in the Placer Ranch Specific Plan/Sunset Area Plan EIR process; providing an innovative environmental alternative to the proposed land use. At a programmatic level, our Citizen Initiated Smart Growth Plan (CISGP) was not given due consideration as a viable alternative in that process. The CISGP can be found at the following link: https://enviroalliance.org/cisgp-1/. Our CISGP encourages higher density land use, job-housing balance, and included project characteristics (walkable communities, urban textures and uses, arts, etc.) that would have been compatible with, and attractive to, a CSU student and staff population.

We encourage CSU planners to review our CISGP proposed land use plan and consider opportunities to integrate elements of our plan in developing your Project Description and in the selection of Alternatives through the CEQA environmental disclosure process. We also ask that

the CSU Placer Center EIR consider comments made by AEL and the Center for Diversity (CBD) on the PRSP/Sunset DEIR, as the comments and the CBD/Placer Ranch Inc. legal settlement are also relevant to the subject project. Copies of the comments and settlement are available on the Placer County website or by request.

Project Purpose, Need and Economic Justification

Placer County made a finding of "public benefit" for the Placer Ranch Specific Plan and cited it as a specific economic study, prepared by Mr. Sanjay Varshney, Professor of Finance, Investment and Wealth Strategy at CSU Sacramento as the basis for this finding. The Study Mr. Varashney prepared was at the behest of the CSU Sacramento "Placer Campus Task Force". This was a self-selected group, consisting of Sacramento State University personnel, the 301 CSU Gateway site's former property owner and also Placer Ranch developer, Eli Broad's representatives, and various Chamber organizations.

The report that Mr. Varashey prepared for the "Task Force" was used as *source data* in the subsequent market and economic studies prepared by consultants under contract to Placer County. The Varshney Study concluded that a 30,000-student CSU Placer Campus and the Placer Ranch project were economically feasible. The Varshney Study predates the findings of the CA State Legislature's own *California State University Enrollment Demand, Capacity Assessment and Cost Analysis for Campus Sites* Study. This Legislature-authorized study was prepared in 2019 and concluded in 2020, that there was insufficient demand to justify any new CSU campuses through 2035. How are the Varshney and Legislative Study reconciled?

Additionally, the Varshney Economic Study itself was never vetted by Placer County or peer professionals from the economics sector. Placer County Counsel, Karen Schwab, conceded that neither the County nor its economic development consultants had viewed the complete Varshney Study. The County had only reviewed a PowerPoint presentation and an Executive Summary purportedly extracted from the Study. According to Placer County Legal Counsel Schwab, Placer Ranch Developer, Eli Broad and CSU Sacramento, "never provided the complete study, despite the County's repeated requests for the information" (County Counsel memo available on request).

The Legislature's Enrollment Demand Capacity Assessment and Costs Analysis of Campus sites determined that CSU enrollment projected to 2035 does not justify the development of a new 7,500 student campus at any of the five "Evaluated Locations" (that do not include the Placer site). Additionally, the Study found that over the next 15 years, CSU admissions are projected to increase only moderately and that capacity at existing campuses will accommodate enrollment through 2035 and beyond; as students and teachers adopt the online learning alternative.

During the COVID-19 pandemic, CSU Sacramento campus experienced a 6.68% decline in applicants, reflecting a nationwide trend away from on-campus. Does CSU concur that higher education will trend toward learning from everywhere, replacing lectures with active learning,

substituting teaching with experiential skills opportunities that remain relevant in a rapidly evolving workplace?

Has CSU determined that the State of CA will provide short and long-term financial support for a CSU Placer Center; in essence, overriding Legislative findings in the Campus Needs Assessment Study and in the face of declining enrollment at CSU Sacramento? What is the public cost of the CSU Placer Center at each phase of development? To what extent is the CSU Placer Center represented in the CA State Budget Office's short and long term planning?

Climate

The FEIR for the Placer Ranch/Sunset Area FEIR identified 55 significant, adverse and unmitigated environmental impacts. Among them was CO2 generation the scale of which was described by the EIR consultant as "having global implications". Is CSU prepared to make similar overrides on environmental impacts to implement the CSU Placer Center project? How will the Placer Ranch/Sunset EIR's 55 adverse, significant and unmitigated impacts affect the health and well-being of students and faculty at the CSU Gateway Campus?

Governor Newsom set ambitious new targets for renewable energy, clean buildings, carbon removal, and clean fuels in the transportation sector. How are these goals incorporated in the CSU Placer Center development plan? The State's Carbon Neutrality Road Map supercharges efforts to significantly reduce carbon pollution. How does the CSU Placer Campus comply with the Governor's carbon reduction targets?

To what degree is the heat island from rapidly developing West and South Placer Co. contributing to warming in the mountains and loss of Sierra snow pack? What is the environmental and economic impact on Placer County's tourism-economy of waste heating in the short and long term? How much waste heat will be generated by the CSU Placer Center Project? What alternative site development concepts would reducing heat island impacts? Does rail infrastructure proximate to the site have the potential to reduce VMT and heat island impacts?

Biological Resources and Vernal Pools

Grasslands are among the most vulnerable ecosystems in the world. Over the last decade, millions of acres of grasslands have been lost to development, wildfire, fragmentation and other threats. While forests mostly store carbon in woody biomass and leaves, grasslands sequester most of their carbon in their roots underground. That makes grasslands a more reliable carbon sink than forests, which release their sequestered carbon back into the atmosphere when logged or when affected by wildfire. Globally, grasses sequester 3 gigatonnes of carbon per year - equivalent to reducing atmospheric CO2 by 50 ppm over 50 years. Soil carbon makes up approximately 81% of total ecosystem carbon found in grasslands. How much soil carbon and below ground biomass sequestered carbon will be lost during each phase of the CSU Placer Center project? What are ecosystem services on the Gateway Site? What is the cumulative CO2 sequestration loss over the

life of the CSU Placer Center project. How will CSU mitigate for the ecosystem service losses and mitigate for new CO2 generated by project development and VMT at each phase? What policy guidance does the Governor's Climate Action Strategy provide for soil carbon conservation?

The Center for Biological Diversity filed a lawsuit challenging Placer County's mitigation to offset 1.2 billion pounds of annual CO2 generation from the Sunset Area Plan and Placer Ranch projects at out-of State locations. What is CA State policy for carbon offsets and how does CSU intend to manage offsets for CO2 generated from the subject project site?

Habitat and Wetland

Is wetland loss anticipated in the project consistent with State policy for avoidance? What is the anticipated wetland loss for the CSU Placer Project? What will this project contribute to cumulative Statewide yearly loss of wetland?

The project site supports a rich vernal pool habitat. How will the loss of the vernal pool systems be addressed and mitigated? Will CSU be using PCCP mitigation and will PCCP fees be paid and by whom? What is CA State policy (for agencies of the State) as it pertains to vernal pool and agricultural land conservation? We would assert that a State agency such as CSU should follow State policy and attempt to locate development such that significant and unavoidable impacts on wetland and vernal pools and other biological resources are avoided.

The UC Merced Campus was relocated from its original site due to concerns over vernal pool habitat. For the purposes of this EIR analyses, did CSU undertake a comprehensive study of vernal pools existent on the CSU Placer Center site and seek to avoid vernal pools existent there? How will site grading and landscaping activities and runoff impact vernal pool that exist avoidance areas? What mitigations are anticipated to avoid impacts?

Stormwater/Hydrology Issues

Will the project's stormwater run-off be contained at the Pleasant Grove Retention Facility? Is there sufficient capacity at the Facility for projected stormwater runoff from this project? Has the City of Roseville agreed to accept project stormwater runoff? What is the cost of off-site stormwater retention annually? How will the Pleasant Grove Water Retention Facility expansion be funded? Please estimate the CSU Placer Center Project surface water quality impacts to Pleasant Grove Creek and downstream fisheries' habitat in the project EIR. Does the cumulative increase of hard, impervious surfaces over wetlands (that act as sponges during storm events) have the potential to generate flash-flood hazards? How will the project plan for climate-change related weather events?

The Landfill and Public Health

Winds in western Placer County will carry landfill odors, emissions, heat and noise from the regional landfill to the proposed CSU Placer Center. How many days each year will prevailing winds carry odor and particulates from the landfill toward the CSU Placer site? We have

previously provided copies of the landfill od*or complaint map to the CSU Trustees. These odor complaints came from residents 1/2 to 1* mile *more* distant from the landfill than the proposed CSU Placer project site. How will odor impacts affect CSU Placer Center's enrollment, the learning environment and public health and well-being?

Will Senate Bill 1383 which mandated composting of food waste, exacerbate odor issues on the project site?

Does proven technology exist to mitigate landfill odor? What is the estimated cost to implement odor mitigation? What future costs will be born by Placer County to implement smell mitigation and how will these costs be funded?

The World Health Organization issued new guidelines in 2021 that advised countries to seek to reduce airborne concentrations of fine particles to an annual level at or below five micrograms per cubic meter. The current standard in the USA is 12 micrograms per cubic meter. What is the existing airborne particulate levels in Placer County in general and specifically, in the vicinity of the landfill and across the 301 acre CSU Placer Center site? How do airborne particulates from the landfill differ from airborne particulates from automobile operation, tire friction etc? Are landfill emissions carcinogenic? For all social groups, what are the long and short-term health impacts of sustained exposure to airborne particulates and noxious odor (at levels determined to exist at the CSU Placer Center site)?

Air Emissions from Commuting

The CSU Placer Center is 18 miles from CSU Sacramento and 10 miles from Sierra College's Rocklin Campus. How will the CSU Placer Center reduce VMT for existing students and to what extent will Center contribute new VMT? What is the net VMT benefit/cost to the new CSU Placer Center? How will VMT for CSU Placer Center students, staff, and operations affect air quality measures and incidences of non-attainment days for air quality in Placer County? The incidence of heart attack and stroke declined during the COVID epidemic - largely due to reductions in air pollution. What are the short and long-term health impacts to air pollution levels existent in Placer County in 2022 and projected for the future decades for all groups?

Please describe the CSU Placer Center's anticipated impact on traffic regionally; as well as impacts on traffic through Granite Bay, Rocklin, and Roseville specifically at each development phase.

In a memorandum dated May 10, 2022, the Placer County Board of Supervisors adopted a resolution amending the Sunset Area Plan and Placer Ranch Specific Plan to modify the timing for identifying a funding source for transit services. What manner of coordination is proposed to align Placer County transit services with the needs of the student population? What transit services are anticipated and to what extent will students and staff likely to utilize the transit services?

At what phase will on-campus transportation be available? Will on-campus buses be electric? How does the proposed CSU Placer Centerconform to the Governor's CO2 Action Strategy?

Housing

Of the total student community at Placer Gateway, how many students will require housing? Are affordable housing resources existent for projected student and staff populations? To what extent is Placer County deficient in meeting its Regional Housing Allocation? Will the cost and scarcity of affordable housing in Placer County impact students' enrollment at a CSU Placer Center campus? How will new housing demand from CSU Placer Center staff and students affect the supply and cost local and regional rents? Will housing in the landfill "smell buffer" be safe and sanitary for students and staff?

Wildlife

To what degree with development of the CSU Placer Center contribute to grassland bird species' population loss? What is the cumulative loss of grassland due to West and South Placer County development? How will this loss of grasslands affect resident and migratory bird populations?
A 2007 Jones and Stokes report, prepared for the County of Placer, identified the area of the CSU Placer Campus site as the winter home to the densest and most diverse raptor population in North America. What are the raptors present and what is their migratory path? How will project development affect raptor populations in general and in particular, affect the Federally-listed and special status species?

Through West and South Placer are important wildlife corridors. How will secure wildlife mobility be preserved within the site and beyond?

Redevelopment and Infill

Will the EIR consider the many infill, underutilized or vacant, and abandoned potential redevelopment sites in Placer County as Alternatives to the proposed CSU Placer Center site? Do such sites have the capacity to be redeveloped for a CSU campus? Please provide an Alternatives analysis and environmental impact comparison for redeveloping existing or underutilized urban spaces versus engaging in a new development on carbon-sequestering grasslands.

What is the anticipated per student public cost for each phase of the CSU Placer Center project?

Placer County has allocated over $45 million dollars from the General Fund ($17m) and the Federal Build Back Better Infrastructure Program ($28m) to incentivize development of the CSU Placer Center and the Placer Ranch/Sunset Area developments. What is the direct and indirect benefit (cost reductions) of these allocations to CSU Placer Center?

Thank you for considering these NOP scoping questions as you commence work on the environmental compliance document for the subject project. Please feel free to reach out to AEL at chair@enviroalliance.org if clarification is required.

Sincerely,

Genevieve Marsh, Chair
Alliance for Environmental Leadership
enviroalliance.org
chair@enviroalliance.org

Alliance Partners

Citizens' Climate Lobby

Save East Rocklin

Community Environment Alliance

350 Placer

CNPS California Native Plant Society
Western Redbud Cercis occidentalis
Redbud Chapter

Auburn Area Democratic Club
AADC
Auburn, CA
auburndemocrats.com

PROTECT RURAL PLACER

North Fork American River Alliance
NFARA

DEFEND GRANITE BAY

Save Auburn Ravine
SARSAS
Salmon and Steelhead

PARC
protect american river canyons

NEVADA COUNTY
CLIMATE ACTION NOW

catalyst

*AEL member organization, Sierra Foothill Audubon Society, abstains from participation due to Bylaw restrictions

From:	Mike Parker
To:	Suzanne Enslow
Subject:	FW: Alliance for Environmental Leadership
Date:	Monday, July 18, 2022 10:56:25 AM
Attachments:	image001.png

Suzanne,

(Not an email that needs any attention while on your vacation, just something to track when you return.)

See email string below. We'll need to make sure these groups are included on all future notices.

Thanks!
Mike

From: Collins-Doehne, Anne <acollins-doehne@calstate.edu>
Sent: Friday, July 15, 2022 6:19 PM
To: Mike Parker <mike.parker@ascentenvironmental.com>
Cc: Sydney Coatsworth <sydney.coatsworth@ascentenvironmental.com>
Subject: RE: Alliance for Environmental Leadership

Thanks, Mike. At least now I know not to say they were included in the NOP distribution in the response, something I'd planned to do. It's indeed strange that we left out the Alliance – we knew they were going to be watching this project and Ms. Warren has written to everyone from the governor on down to Vi San Juan about the vernal pools multiple times over the past three years.

We do need to make sure the Alliance, Audubon, and CNPS (the latter two would not have necessarily been top of my mind to include) are included in all notifications going forward, as Ms. Warren requested in her letter. We don't want to give her any more reason to say she/the Alliance were overlooked (notwithstanding that the NOP is published, not just mailed, and if she'd really been tracking it she would have seen it in the paper or on the SCH website).

Ms. Warren's email is below (she references the Roseville Gateway Campus which had us all perplexed until Holly Tiche with Taylor Builders told Sac State's President that that's an (old?) Sierra College off-campus center):

On 7/12/22, 12:09 PM, "Leslie Warren" <allianceforenviroleadership@gmail.com> wrote:

Dear Chancellor Koster,

Please include our organization on any public communication or notifications related to the proposed Roseville Gateway Campus. The Alliance for Environmental Leadership (AEL) is

a coalition of 16 environmental and social service organizations working to advance smart-growth for enhanced community development.

We want to make you aware that we are concerned that the 307 acre vernal pool CSU wetland site that is proposed for development as the Roseville Gateway Center is environmentally sensitive and supports at least 14 Federally-listed endangered species, including Fairy Shrimp, Swainson's Hawks and Burrowing Owls. As it built out, the University of CA, Merced Campus, practiced avoidance of habitat with marked similarities to the Roseville site.

With support from the Center for Biological Diversity, we sought to mitigate the 55 significant and adverse impacts of the Placer Ranch Project which surrounds the Gateway site through a smart-growth alternative to the sprawl project that was ultimately approved in the smell buffer for our regional landfill.

You may review AEL's the Citizen Initiated Smart Growth Plan (CISGP) on our website enviroalliance.org.

AEL and our member organizations, including Sierra Foothill Audubon and California Native Plant Society respectfully request a 'seat at the table' as CSU considers how best to serve the educational needs of students in the Placer Co. region.

Thank you for your attention.

Respectfully,

Leslie Warren
Alliance for Environmental Leadership

Anne

Anne Collins-Doehne
Direct 562.951.4161 | **Mobile** 626.533.6676

From: Mike Parker <mike.parker@ascentenvironmental.com>
Sent: Friday, July 15, 2022 5:41 PM
To: Collins-Doehne, Anne <acollins-doehne@calstate.edu>
Cc: Sydney Coatsworth <sydney.coatsworth@ascentenvironmental.com>
Subject: RE: Alliance for Environmental Leadership

[Caution - External Sender]
Hi Anne,

The NOP distribution list is attached. It does not include the Alliance, Audubon Society, or CNPS. It was based on the SAP/PRSP EIR distribution list, which did identify those groups, which is curious. I'm trying to recall (would need to spend some time sleuthing it out), but I suspect a decision was made to focus on the "organizations/individuals who have previously requested notice" (per Section 21092), but I'm not sure. I'd like to discuss this with Sydney and Suzanne (who just left for vacation) to help jog my memory.

I know that's not the answer you were looking for, but I hope this at least helps guide your response. Please give me a call on my cell if you would like to talk about it more. Otherwise, have a great weekend, Anne!

Thanks!

Michael J. Parker, AICP
Principal
Pronouns: he/him/his - Why do pronouns matter?
D 916.930.3192 | C 916.612.6040
E Mike.Parker@AscentEnvironmental.com

From: Collins-Doehne, Anne <acollins-doehne@calstate.edu>
Sent: Friday, July 15, 2022 4:04 PM
To: Mike Parker <mike.parker@ascentenvironmental.com>; Sydney Coatsworth <sydney.coatsworth@ascentenvironmental.com>
Subject: Alliance for Environmental Leadership

Hi:

A bit of an urgent question. Can you tell me whether Leslie Warren/the Alliance were included on the NOP distribution list? How about the Audubon Society and CNPS? Ideally I need to know as soon as possible.

I'm drafting a response to an email recently sent by Ms. Warren to our interim chancellor, the campus president, the trustee secretariat, and our vice chancellor for Business and Finance at the Chancellor's Office, raising issues related to the vernal pools and asking "for a seat at the table" for the Alliance (presumably related to master plan development and/or EIR preparation) as well as the Audubon Society and CNPS. I'd like to be able to state that one or all three of these organizations were sent copies of the NOP and will be pointing out that they will have the same opportunity for public participation and comment as any other stakeholder/member of the general public. The hope is for the response to go out by end of day. Thanks.

Anne

Anne Collins-Doehne
Principal Environmental Planner | Planning and Design
Capital Planning, Design & Construction
401 Golden Shore, Long Beach, CA 90802-4210
P: 562.951.4161 | C: 626.533.6676
acollins-doehne@calstate.edu

Appendix B

Employment Estimates

	Initial (Masterplan EIR)			New (01/19/2022)		
	Faculty (FTE)	Staff (FTE)	Total	Total [1]	Faculty (FTE) [2]	Staff (FTE) [3]
Phase1	63	74	137	195	90	105
Phase2	145	172	317	750	343	407
Phase3	292	343	635	1560	717	843

Notes:

1 - New total Faculty and Staff numbers are generated using a 0.13 employee/FTE (From Tania Nuez 01/19/2021)

2- New Faculty numbers are generated using the ratio from masterplan EIR

3- New Staff numbers are generated using the ratio from masterplan EIR

FTE = Full Time Equivalent

Phase	Building Use	Building Number	Building Name	Final GSF Figures (Rounded)	ANALYSIS			EMPLOYEES			SACSIM Employee Categories [6]								TAZ [7]	CSUS Comments
					Analysis Unit/ LU Designation [1]	Acre	SACSIM FAR [2]	Faculty (FTE) [3]	Staff (FTE) [4]	Total [5]	Empedu	Empfood	Empgov	Empind	Empmed	Empofc	Empret	Empser		
Phase 1 (Student 1,500 FTE)	Academic	1	Intial Sac State Academic Building	75,000	FTE			43	51	94									1535	
	Community Anchor	2	Library Building #1	148,000	Civic/Institution	11.33	0.3			239	0	0	40	0	0	0	0	199		Included in the Academic faculty/staff estimate
	Support	3	Support Building #1	37,000	FTE			21	25	46										
	Academic	4	Sierra College Transfer Center	30,000	FTE			17	20	38										
	Support	5	Central Utility Plant #1	14,000	FTE			8	9	18										
	Community Anchor	6	Fire Station	25,000	Public/Quasi-Public	1.91	0.3			40	0	0	40	0	0	0	0	0		
	Community Anchor	7	Forensic Lab	30,000	Public/Quasi-Public	2.30	0.3			48	0	0	48	0	0	0	0	0		
	Total			**359,000**				**90**	**105**	**523**										
Phase 2 (Student 3,500 FTE)	Campus Life	8	Student Center #1	178,000	FTE			98	117	215										
	Academic	9	Academic Building	94,000	FTE			52	62	114										
	Academic	10	Academic Building	57,000	FTE			32	37	69										
	Campus Life	11	Recreation + Wellness Center	130,000	FTE			72	85	157										
	Support	12	Central Plant	23,000	FTE			13	15	28										
	Academic	13	Administration Building	58,000	FTE			32	38	70										
	Campus Life	14	Dining Center	35,000	FTE			19	23	42										
	Community Anchor	18	Childcare Center	10,000	Civic/Institution	0.77	0.3			16	0	0	3	0	0	0	0	13		
	Community Anchor	19	Welcome Center	45,000	FTE			25	30	54										
	Total			**727,000**				**343**	**407**	**766**										
Phase 3 (Student 7,000 FTE)	Campus Life	20	Student Center #2	133,000	FTE			126	148	274									1536	
	Academic	21	Academic Building (Addition)	45,000	FTE			43	50	93										
	Academic	22	Academic Buildings	129,000	FTE			122	143	265										
	Academic	23	Academic Buildings	116,000	FTE			110	129	239										
	Academic	24	Academic Buildings	89,000	FTE			84	99	183										
	Community Anchor	25	Library Building #2	132,000	Civic/Institution	10.10	0.3			213	0	0	36	0	0	0	0	177		Included in the Academic faculty/staff estimate
	Campus Life	26	Recreation + Wellness Center Addition	143,000	FTE			135	159	294										
	Academic	27	Administration Building Addition	46,000	FTE			44	51	95										
	Addition Support	28	Support Building #2	57,000	FTE			54	63	117										
	Community Anchor	38	Conference Center	178,000	Civic/Institution	13.62	0.3			287	0	0	48	0	0	0	0	239		CSU is estimating 178
	Community Anchor	39	Performing Arts Center	136,000	Civic/Institution	10.41	0.3			220	0	0	37	0	0	0	0	183		Included in the Academic faculty/staff estimate
	Community Anchor	40	Continuing Ed Building	123,000	Civic/Institution	9.41	0.3			199	0	0	33	0	0	0	0	165		Included in the Academic faculty/staff estimate
	Community Anchor	41	Hotel	106,000	Community/Neighborhood Retail	8.11	0.3			181	0	58	0	0	0	0	97	26		CSU is estimating 106
	Total			**2,215,000**				**717**	**843**	**2,660**										
Phase 4 (Student 0 FTE)	Academic	44	Academic Mixed Use	78,000	Light Industrial/Office	5.97	0.3			273	0	11	0	27	0	183	0	51		Phase 4 - CSUS is estimating approx 1,000
	Academic	45	Academic Mixed Use	115,000		8.80	0.3			402	0	17	0	40	0	270	0	75		
	Academic	46	Academic Mixed Use	97,000		7.42	0.3			339	0	14	0	34	0	227	0	63		
	Academic	47	Innovation Mixed Use	106,000		8.11	0.3			371	0	16	0	37	0	249	0	69		Light Industrial 70%
	Academic	48	Innovation Mixed Use	169,000		12.93	0.3			591	0	25	0	59	0	396	0	111		Mixed use 30%
	Academic	49	Innovation Mixed Use	223,000		17.06	0.3			780	0	33	0	78	0	523	0	146		

Phase	Building Use	Building Number	Building Name	Final GSF Figures (Rounded)	ANALYSIS			EMPLOYEES			SACSIM Employee Categories [6]								TAZ [7]	CSUS Comments
					Analysis Unit/ LU Designation [1]	Acre	SACSIM FAR [2]	Faculty (FTE) [3]	Staff (FTE) [4]	Total [5]	Empedu	Empfood	Empgov	Empind	Empmed	Empofc	Empret	Empser		
	Academic	50	Innovation Mixed Use	159,000		12.17	0.3			556	0	23	0	56	0	373	0	104		
	Total			**1,528,000**						**3,735**		**157**	**0**	**375**	**0**	**2,504**	**0**	**698**		

Notes:

1 - Analysis units are divided into two categories:

Academic/University Related Usage - FTE is used as the analysis unit

Non-University Usage - A land use category is selected from SACSIM model that best matches the building use

2- SACSIM default Floor Area Ratio. These values are not likeley representative for the employee yeilds of specific land use.

$$FAR = \frac{Gross\ Building\ Floor\ Area}{Gross\ lot\ /Parcel\ Area}$$

3- Total number of Faculties (FTE) for each phase is from Tab ***01_FTE_calc.*** Total faculty per phase is then proportionally divided into different buildings

4- Total number of Staff (FTE) for each phase is from Tab ***01_FTE_calc.*** Total staff per phase is then proportionally divided into different buildings

5- Total number of Employees is calculated in two ways

Academic/University Related Usage - Sum of Faculty (FTE) and Staff (FTE)

Non-University Usage - Using the lookup table, total number of employees is calculated for each LU category and buildng

6- Using the lookup table, number of employees in different SACSIM categories is calculated for the non-university usage. See the data dictionary in ***03_Lookup_SACOG_LU_conversion*** tab

7- The entire project is divided into two TAZs

# of employees in the red highlight cells are calculated using SACSIM average employee yields and SACSIM FAR. SACSIM averages may not be appropriate for this development. These numbers are a lot higher than what is reasonable. CSU proxy is preferred in these categories.
For buildings 38-40, more information is needed regarding the type of use.

Reasonableness Check - phase 4

On an average placer county land uses have about 3 employees per 1,000 sq ft for office category.

From the total employee calculation using 0.3 FAR and Light Industrial/Office LU category:

Phase 4 =	1,528,000	GSF
# of Employees =	3,735	
Employee per KSF =	2.44	Reasonable

		3	4	5	6	7	8	9	10	11	12
Land Use Designation	**Type**	**Max Units/Acre**	**Max Jobs/Acre**	**EMPEDU**	**EMPFOOD**	**EMPGOV**	**EMPIND**	**EMPMED**	**EMPOFC**	**EMPRET**	**EMPSER**
Urban Attached Residential	Mixed Use	120	6	0.0%	17.5%	0.0%	0.0%	0.0%	53.2%	29.3%	0.0%
Mixed Use Center/Corridor		20	12	0.0%	20.0%	0.0%	0.0%	0.0%	33.0%	21.0%	26.0%
Sac CBD Mixed Use		103	603	0.0%	0.0%	55.5%	0.0%	0.0%	44.5%	0.0%	0.0%
Sac High Density Mixed Use		100	103	0.0%	10.0%	20.0%	0.0%	0.0%	60.0%	0.0%	10.0%
Residential/Retail Mixed Use High		57	41	0.0%	7.1%	0.0%	0.0%	0.0%	43.1%	23.7%	26.1%
Residential/Retail Mixed Use Low		25	74	0.0%	7.1%	0.0%	0.0%	0.0%	43.1%	23.7%	26.1%
Employment Focus Mixed Use Center/Corridor		9	92	0.0%	17.5%	0.0%	0.0%	0.0%	53.2%	29.3%	0.0%
K-12 School	Institution	0	18	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
College/University		0	95	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Heavy Industrial	Employment	0	14	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Regional Retail		0	16	0.0%	32.1%	0.0%	0.0%	0.0%	0.0%	53.8%	14.1%
Civic/Institution		0	21	0.0%	0.0%	16.8%	0.0%	0.0%	0.0%	0.0%	83.2%
Public/Quasi-Public		0	21	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Community/Neighborhood Retail		0	22	0.0%	32.1%	0.0%	0.0%	0.0%	0.0%	53.8%	14.1%
Light Industrial		0	27	0.0%	3.6%	0.0%	60.0%	0.0%	31.4%	0.0%	5.0%
Community/Neighborhood Commercial		0	28	0.0%	14.9%	0.0%	0.0%	0.0%	45.3%	24.9%	14.9%
Community/Neighborhood Commercial/Office		0	37	0.0%	13.9%	0.0%	0.0%	0.0%	42.3%	23.3%	20.5%
Low-Intensity Office		0	39	0.0%	0.0%	0.0%	0.0%	0.0%	80.0%	0.0%	20.0%
Light Industrial/Office		0	46	0.0%	4.2%	0.0%	10.0%	0.0%	67.0%	0.0%	18.7%
Medical Office		0	123	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Medical Facility		0	178	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Moderate-Intensity Office		0	179	0.0%	0.9%	28.6%	0.0%	0.0%	60.2%	0.0%	10.3%

Notes:

These land use designations are from SACSIM19 model.
Max Jobs/ Acre is calculated for the average region.
Acre is defined as the lot/parcel size.

Data Dictionary

EMPEDU - Employment related to education
EMPFOOD - Employment related to restaurant/food industry
EMPGOV - Employment related to public jobs/government office
EMPIND - Employment related to industrial job
EMPMED - Employment related to medical profession
EMPOFC - Employment related to office jobs
EMPRET - Employment related to retail
EMPSER - Employment related to service industry

Appendix C

Air Quality, GHG, and
Energy Model Outputs

Construction CalEEMod Inputs

This sheet provides a summary of how project information was transposed into CalEEMod

Phase	Construction Start	Construction Mid-Point	Construction End	Approximate Duration
Phase 1	Jul-23	2027	2030	7 years
Phase 2	Aug-30	2034	2038	8 years
Phase 3	Nov-38	2043	2048	10 years
Phase 4	Nov-48	2053	2058	10 years

Phase 1

Bld use	Name	CalEEMod Use	GSF	SF	Beds	Parking
Academic	Initial Sacramento State Academic Building	University/College (4yr)	75,000	36,600		
Community Anchor	Library Building #1	Library	148,000	46,270		
Support	Support Building #1	General Light Industry	37,000	13,920		
Academic	Sierra College Transfer Center	University/College (4yr)	30,000	19,350		
Support	Central Utility Plant #1	General Light Industry	37,000	18,250		
Community Anchor	Fire Station and Training Center[2]	Government (Civic Center)	30,000	17,100		
Community Anchor	Forensic Lab	Medical Office Building	30,000	18,000		
Surface parking		parking lot				1,126
Academic Total				***55,950***		
Light Indust. Total				***32,170***		

Phase 2

Bld use	Name	CalEEMod Use	GSF	SF	Beds	Parking
Campus Life	Student Center #1	Library	178,000	44,250		
Academic	Academic Building	University/College (4yr)	94,000	37,225		
Academic	Academic Building	University/College (4yr)	57,000	21,810		
Campus Life	Recreation + Wellness Center	Health Club	130,000	66,820		
Campus Life	Stadium Bleachers	Health Club	15,000	15,460		
Academic	Administration Building	University/College (4yr)	58,000	17,400		
Campus Life	Dining Center	High Turnover/Sit Down Restaurant	35,000	32,250		
Housing	Housing (Faculty)	Condo/Townhouse	5,000	2,700	5 units	
Housing	Housing (Student)	Condo/Townhouse	46,000	20,270	125	
Housing	Housing (Student)	Condo/Townhouse	46,000	20,270	125	
Support	Campus Police, Parking, and Transportation	Government (Civic Center)	45,000	17,900		
Community Anchor	Childcare Center	Day Care Center	10,000			
Surface parking		parking lot				2,614

Phase 3

Bld use	Name	CalEEMod Use	GSF	SF	Beds	Parking
Campus Life	Student Center #2	Library	133,000	44,000		
Academic	Academic Building (Addition)	University/College (4yr)	45,000	15,750		
Academic	Academic Building	University/College (4yr)	129,000	35,625		
Academic	Academic Building	University/College (4yr)	116,000	37,500		
Academic	Academic Building	University/College (4yr)	89,000	30,750		
Community Anchor	Library Building #2	Library	132,000	69,800		
Campus Life	Recreation + Wellness Center Addition	Health Club	143,000	72,600		
Academic	Administration Building Addition	University/College (4yr)	46,000	17,400		
Support	Support Building #2	General Light Industry	57,000	23,870		
Housing	Housing (Student)	Condo/Townhouse	43,000	13,000	100 Mini-Suite	
Housing	Housing (Student)	Condo/Townhouse	71,000	24,200	175 Mini-Suite	
Housing	Housing (Student)	Condo/Townhouse	71,000	22,200	175 Mini-Suite	
Housing	Housing (Student)	Condo/Townhouse	82,000	25,360	167 Apartment Beds	
Housing	Housing (Student)	Condo/Townhouse	80,000	24,200	167 Apartment Beds	
Housing	Housing (Student)	Condo/Townhouse	80,000	24,200	166 Apartment Beds	
Housing	Housing (Faculty)	Condo/Townhouse	5,000	2,700	5 Faculty Units	
Housing	Housing (Faculty)	Condo/Townhouse	5,000	2,700	5 Faculty Units	
Housing	Housing (Faculty)	Condo/Townhouse	5,000	2,700	5 Faculty Units	
Community Anchor	Conference Center	Library	178,000	55,000		
Community Anchor	Performing Arts Center	Library	136,000	58,890		
Community Anchor	Continuing Ed Building	University/College (4yr)	123,000	31,500		
Community Anchor	Hotel	Hotel	106,000	35,780		
Parking	Garage					1108
Parking	Garage					598
Parking	Surface parking					2721
Parking	surface parking removed					-1160
Campus Life Community Anchor Total				227,690		
Academic/Education Total				168,525		
Housing Total				141,260	965	

Phase 4

Bld use	Name	CalEEMod Use	GSF	SF	Beds	Parking	
Academic	Academic Mixed Use	R&D	81,000	23,590			
Academic	Academic Mixed Use	R&D	119,000	38,250			
Academic	Academic Mixed Use	R&D	137,000	41,900			
Academic	Academic Mixed Use	R&D	195,000	54,080			
Academic	Academic Mixed Use	R&D	185,000	57,700			
Academic	Academic Mixed Use	R&D	58,000	22,420			
Academic	Academic Mixed Use	R&D	68,000	20,000			
Academic	Academic Mixed Use	R&D	104,000	28,140			
Parking	Garage					1392	
Parking	Garage					1054	
Parking	surface					-2410	964000
Academic MU Total				286,080			

Construction Emissions Summary

Construction emissions were modeled using CalEEMod and each project phase was run in a separate, construction-only run. The overall method was to input project-specific land use (type/size) into CalEEMod and use the default consntruction phasing. Default equipment values were doubled to account fo the large project size and unknown detail regarding specific equipment. This sheet summarizes emissions ouputs from the CalEEMod runs,

Phase 1

Unmitigated

	ROG	NOX	PM10(dust)	PM10(Exh)	PM10 (tot)	Pm2.5(dust)	PM2.5(Exh)	Pm2.5 (tot)	GHG
					lb/day				MTCO2E
2023	6.3	63.7	29.8	2.7	32.5	13.9	2.5	16.4	503
2024	6.1	60.8	29.8	2.6	32.4	13.9	2.4	16.3	1,376
2025	4.8	38.5	3.9	1.4	5.3	1.1	1.4	2.4	1,367
2026	4.8	38.5	3.9	1.4	5.3	1.1	1.4	2.4	1,355
2027	4.7	34.4	3.9	1.4	5.3	1.1	1.3	2.4	1,343
2028	23.4	36.4	3.9	1.4	5.3	1.1	1.3	2.4	597

	ROG	NOX	PM10(dust)	PM10(Exh)	PM10 (tot)	Pm2.5(dust)	PM2.5(Exh)	Pm2.5 (tot)	GHG
					lb/day				MTCO2E

Phase 2

Unmitigated

	ROG	NOX	PM10(dust)	PM10(Exh)	PM10 (tot)	Pm2.5(dust)	PM2.5(Exh)	Pm2.5 (tot)	GHG
					lb/day				MTCO2E
2030	2.5	13.7	19.9	0.4	20.3	10.2	0.43	10.63	243
2031	5.6	30.3	19.9	0.8	20.7	10.2	0.8	11	1,807
2032	4.98	30.3	9.8	0.5	10.3	2.6	0.5	3.1	2,021
2033	4.9	30.3	9.8	0.5	10.3	2.6	0.5	3.1	1,990
2034	4.8	30.2	9.8	0.5	10.3	2.6	0.5	3.1	1,976
2035	44.4	27.7	9.8	0.5	10.3	2.6	0.5	3.1	1,735
2036	44.3	3.2	1.7	0.04	1.74	0.4	0.04	0.44	66

Phase 3

Unmitigated

	ROG	NOX	PM10(dust)	PM10(Exh)	PM10 (tot)	Pm2.5(dust)	PM2.5(Exh)	Pm2.5 (tot)	GHG
					lb/day				MTCO2E
2038	3.5	25.3	24.9	0.5	25.4	4	0.5	4.5	271
2039	4.3	25.3	39.6	0.6	40.2	20.3	0.6	20.9	137
2040	5.5	16	39.6	0.5	40.1	20.3	0.5	20.8	1,694
2041	5.5	40.1	18.7	0.5	19.2	7.4	0.5	7.9	2,572
2042	5.5	40.1	16.9	0.3	17.2	4.6	0.3	4.9	2,885
2043	5.5	40.1	16.9	0.3	17.2	4.6	0.3	4.9	2,845
2044	5.5	40.1	19.6	0.3	19.9	4.6	0.3	4.9	2,845
2045	41.9	40.1	16.9	0.3	17.2	4.6	0.3	4.9	795
2046	41.9	3.1	2.7	0.03	2.73	0.7	0.03	0.73	93

Phase 4

Unmitigated

	ROG	NOX	PM10(dust)	PM10(Exh)	PM10 (tot)	Pm2.5(dust)	PM2.5(Exh)	Pm2.5 (tot)	GHG
Year*					lb/day				MTCO2E
2048	2.1	22.2	34.3	0.3	34.6	10.1	0.3	10.4	177
2049	2.7	15.8	19.8	0.2	20	10.1	0.2	10.3	1,004
2050	2	15.8	5.5	0.1	5.6	1.5	0.1	1.6	997
2051	41.9	3.7	0.8	0.1	0.9	0.2	0.1	0.3	26

*CalEEMod only goes up to year 2050 so because this phase would begin in 2048, earlier years were used in the model
ROG emissions divided by 70 days rather than 35 to account for the fact that buildings get painted as they are completed, not al at once

Total	32,719
Avg. Annual	1,258
Max.	2,885

Energy Demand Calculations

Campus Electricity Offset (Phase 1-4)

	Amount	Unit
Total Campus Energy Demand (Phase 4)	49	GWH/yr
Solar PV Generation (Phase 4)	38	GWH/yr
Difference (power required from grid)	11	GWH/yr
demand offset by solar	78%	

	49	gwh	=	49000	mwh	=	49,000,000	kwh

CalEEMod Input	kwh/size/yr
univ. 4 yr sq ft (phase 1-4)	29.25

Campus Electricity Offset (Phase 1-3)

	Amount	Unit
Total Campus Energy Demand (Phase 3)	43	GWH/yr
Solar PV Generation (Phase 3)	33	GWH/yr
Difference (power required from grid)	10	GWH/yr
demand offset by solar	77%	

note: Total campus energy demand for Phase 3 calculated by scaling down from Phase 4 electricity demand which was provided by the client

	43	gwh	=	43000	mwh	=	43,000,000	kwh

CalEEMod Input	kwh/size/yr
univ. 4 yr sq ft (phase 1-3)	59.07

Natural Gas

	Nat. Gas Use	
Therms/yr	20,856	source: total Sac State campus NG usage 2021-2022 (from Lab Gas Usage spredsheet) divided by 2 assuming project is approx. half of Sac State FTE
BTU/yr	2,085,600,000	
KBTU/yr	2,085,600	

CalEEmod Input

Land Use	Square Feet	KBTU/size/yr
univ. 4 yr sq ft (phase 1-4)	1,675,000	1.245134328
univ. 4 yr sq ft (phase 1-3)	728,000	2.86

Operational GHG Emissions Summary (Summarized from CalEEMod Outputs)		
	MT/year	
	Phase 1-3	Phase 1-4
Area	6	6
Energy	112	112
Mobile	39,590	34,809
Waste	3,883	3,962
Water	42	60
Subtotal	43,633	38,949
Total (w/credits)	43,560	38,876

Sequestration Credit

Tree Type	# Planted	CO2 Accumulation per tree (T CO2/yr)	Total CO2 Credit
Mixed Hardwood	2000	0.0367	73.4

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

CSU Placer Center_Phase 1 Const Only

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	17.10	1000sqft	5.00	17,100.00	0
Medical Office Building	18.00	1000sqft	5.00	18,000.00	0
Library	46.27	1000sqft	5.00	46,270.00	0
University/College (4yr)	2,500.00	Student	20.00	55,950.00	0
General Light Industry	32.17	1000sqft	5.00	32,170.00	0
Parking Lot	1,126.00	Space	10.13	450,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2030
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 1 land uses per project description. Acreage increased to total anticipated acreage for Phase 1

Construction Phase - Phasing defaults, except Arch. coating assumed to occur as buildings are finished, not all at the end.

Off-road Equipment - increased default

Off-road Equipment - increased default

Off-road Equipment - increased default

Off-road Equipment - equipment based on project description

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Vehicle Trips - Run used for Phase 1 construction only

Road Dust - Run used for Phase 1 construction only

Woodstoves - Run used for Phase 1 construction only

Consumer Products - Run used for Phase 1 construction only

Area Coating - Run used for Phase 1 construction only

Landscape Equipment - Run used for Phase 1 construction only

Energy Use - Run used for Phase 1 construction only

Water And Wastewater - Run used for Phase 1 construction only

Solid Waste - Run used for Phase 1 construction only

Construction Off-road Equipment Mitigation - 50% T4

Area Mitigation - Run used for Phase 1 construction only

Grading -

Trips and VMT -

Architectural Coating -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Parking	27024	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	40.44	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	459,493.67	55,950.00
tblLandUse	LotAcreage	0.39	5.00
tblLandUse	LotAcreage	0.41	5.00
tblLandUse	LotAcreage	1.06	5.00
tblLandUse	LotAcreage	10.55	20.00
tblLandUse	LotAcreage	0.74	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0
tblRoadDust	RoadPercentPave	100	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	39.89	0.00
tblSolidWaste	SolidWasteGenerationRate	97.47	0.00
tblSolidWaste	SolidWasteGenerationRate	42.61	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblSolidWaste	SolidWasteGenerationRate	194.40	0.00
tblSolidWaste	SolidWasteGenerationRate	456.25	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	8.57	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	SU_TR	1.42	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	34.80	0.00
tblVehicleTrips	WD_TR	1.56	0.00
tblWater	IndoorWaterUseRate	7,439,312.50	0.00
tblWater	IndoorWaterUseRate	3,397,080.63	0.00
tblWater	IndoorWaterUseRate	1,447,737.79	0.00
tblWater	IndoorWaterUseRate	2,258,649.68	0.00
tblWater	IndoorWaterUseRate	5,352,750.00	0.00
tblWater	OutdoorWaterUseRate	2,082,081.68	0.00
tblWater	OutdoorWaterUseRate	2,264,410.39	0.00
tblWater	OutdoorWaterUseRate	430,218.99	0.00
tblWater	OutdoorWaterUseRate	8,372,250.00	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.3359	3.4193	2.4783	5.6700e-003	1.7924	0.1465	1.9389	0.8357	0.1348	0.9704	0.0000	499.0633	499.0633	0.1558	4.5000e-004	503.0941
2024	0.6718	5.6282	6.4012	0.0153	0.9894	0.2217	1.2111	0.2872	0.2102	0.4974	0.0000	1,359.4620	1,359.4620	0.1847	0.0393	1,375.7956
2025	0.6159	5.0649	6.3079	0.0152	0.4881	0.1853	0.6735	0.1317	0.1763	0.3081	0.0000	1,351.0709	1,351.0709	0.1648	0.0411	1,367.4395
2026	0.6101	5.0541	6.2544	0.0151	0.4881	0.1852	0.6733	0.1317	0.1762	0.3079	0.0000	1,339.1374	1,339.1374	0.1643	0.0400	1,355.1631
2027	0.6048	5.0445	6.2090	0.0149	0.4881	0.1851	0.6732	0.1317	0.1761	0.3078	0.0000	1,327.6951	1,327.6951	0.1638	0.0389	1,343.3909
2028	1.1382	2.2660	3.0874	6.6500e-003	0.1938	0.0889	0.2827	0.0522	0.0844	0.1366	0.0000	590.5955	590.5955	0.0870	0.0129	596.6020
Maximum	**1.1382**	**5.6282**	**6.4012**	**0.0153**	**1.7924**	**0.2217**	**1.9389**	**0.8357**	**0.2102**	**0.9704**	**0.0000**	**1,359.4620**	**1,359.4620**	**0.1847**	**0.0411**	**1,375.7956**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.1631	1.3505	2.7718	5.6700e-003	1.7924	0.0561	1.8485	0.8357	0.0521	0.8878	0.0000	499.0627	499.0627	0.1558	4.5000e-004	503.0936
2024	0.6066	4.8507	6.4963	0.0153	0.9894	0.1863	1.1757	0.2872	0.1778	0.4650	0.0000	1,359.4609	1,359.4609	0.1847	0.0393	1,375.7946
2025	0.5836	4.6640	6.3464	0.0152	0.4881	0.1685	0.6567	0.1317	0.1610	0.2927	0.0000	1,351.0699	1,351.0699	0.1648	0.0411	1,367.4385
2026	0.5779	4.6531	6.2929	0.0151	0.4881	0.1684	0.6566	0.1317	0.1609	0.2926	0.0000	1,339.1364	1,339.1364	0.1643	0.0400	1,355.1621
2027	0.5726	4.6435	6.2475	0.0149	0.4881	0.1683	0.6564	0.1317	0.1608	0.2925	0.0000	1,327.6941	1,327.6941	0.1638	0.0389	1,343.3899
2028	1.1224	2.0696	3.1062	6.6500e-003	0.1938	0.0807	0.2745	0.0522	0.0769	0.1291	0.0000	590.5950	590.5950	0.0870	0.0129	596.6015
Maximum	**1.1224**	**4.8507**	**6.4963**	**0.0153**	**1.7924**	**0.1863**	**1.8485**	**0.8357**	**0.1778**	**0.8878**	**0.0000**	**1,359.4609**	**1,359.4609**	**0.1847**	**0.0411**	**1,375.7946**

	ROG	NOx	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	**8.81**	**16.04**	**-1.70**	**0.00**	**0.00**	**18.21**	**3.38**	**0.00**	**17.59**	**6.67**	**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**	1.5056	0.6244
2	**10-1-2023**	**12-31-2023**	2.3001	0.9097
3	**1-1-2024**	**3-31-2024**	1.7071	1.2497
4	**4-1-2024**	**6-30-2024**	1.5063	1.3878
5	**7-1-2024**	**9-30-2024**	1.5229	1.4030

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6	**10-1-2024**	**12-31-2024**	1.5363	1.4165
7	**1-1-2025**	**3-31-2025**	1.4061	1.2994
8	**4-1-2025**	**6-30-2025**	1.4088	1.3009
9	**7-1-2025**	**9-30-2025**	1.4243	1.3152
10	**10-1-2025**	**12-31-2025**	1.4373	1.3282
11	**1-1-2026**	**3-31-2026**	1.4017	1.2950
12	**4-1-2026**	**6-30-2026**	1.4047	1.2968
13	**7-1-2026**	**9-30-2026**	1.4202	1.3111
14	**10-1-2026**	**12-31-2026**	1.4329	1.3238
15	**1-1-2027**	**3-31-2027**	1.3979	1.2912
16	**4-1-2027**	**6-30-2027**	1.4011	1.2932
17	**7-1-2027**	**9-30-2027**	1.4165	1.3074
18	**10-1-2027**	**12-31-2027**	1.4289	1.3199
19	**1-1-2028**	**3-31-2028**	1.4101	1.3022
20	**4-1-2028**	**6-30-2028**	0.7393	0.6634
21	**7-1-2028**	**9-30-2028**	0.7077	0.6793
		Highest	2.3001	1.4165

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**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	Site Preparation	Site Preparation	7/1/2023	8/25/2023	5	40	
2	Grading	Grading	8/26/2023	1/26/2024	5	110	
3	Building Construction	Building Construction	1/27/2024	4/28/2028	5	1110	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Paving	Paving	4/29/2028	8/11/2028	5	75	
5	Architectural Coating	Architectural Coating	8/12/2028	11/24/2028	5	75	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 550

Acres of Paving: 10.13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 254,235; Non-Residential Outdoor: 84,745; Striped Parking Area: 27,024 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	4	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
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
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	4	6.00	78	0.48

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	14	35.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	257.00	102.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	51.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3931	0.0000	0.3931	0.2021	0.0000	0.2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0532	0.5505	0.3649	7.6000e-004		0.0253	0.0253		0.0233	0.0233	0.0000	66.9014	66.9014	0.0216	0.0000	67.4423
Total	**0.0532**	**0.5505**	**0.3649**	**7.6000e-004**	**0.3931**	**0.0253**	**0.4185**	**0.2021**	**0.0233**	**0.2253**	**0.0000**	**66.9014**	**66.9014**	**0.0216**	**0.0000**	**67.4423**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2100e-003	8.7000e-004	0.0116	4.0000e-005	4.4000e-003	2.0000e-005	4.4200e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	3.4376	3.4376	8.0000e-005	8.0000e-005	3.4646
Total	**1.2100e-003**	**8.7000e-004**	**0.0116**	**4.0000e-005**	**4.4000e-003**	**2.0000e-005**	**4.4200e-003**	**1.1700e-003**	**2.0000e-005**	**1.1900e-003**	**0.0000**	**3.4376**	**3.4376**	**8.0000e-005**	**8.0000e-005**	**3.4646**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3931	0.0000	0.3931	0.2021	0.0000	0.2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2400	0.3964	7.6000e-004		0.0106	0.0106		9.7900e-003	9.7900e-003	0.0000	66.9013	66.9013	0.0216	0.0000	67.4422
Total	**0.0266**	**0.2400**	**0.3964**	**7.6000e-004**	**0.3931**	**0.0106**	**0.4037**	**0.2021**	**9.7900e-003**	**0.2118**	**0.0000**	**66.9013**	**66.9013**	**0.0216**	**0.0000**	**67.4422**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2100e-003	8.7000e-004	0.0116	4.0000e-005	4.4000e-003	2.0000e-005	4.4200e-003	1.1700e-003	2.0000e-005	1.1900e-003	0.0000	3.4376	3.4376	8.0000e-005	8.0000e-005	3.4646
Total	**1.2100e-003**	**8.7000e-004**	**0.0116**	**4.0000e-005**	**4.4000e-003**	**2.0000e-005**	**4.4200e-003**	**1.1700e-003**	**2.0000e-005**	**1.1900e-003**	**0.0000**	**3.4376**	**3.4376**	**8.0000e-005**	**8.0000e-005**	**3.4646**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3756	0.0000	1.3756	0.6273	0.0000	0.6273	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2761	2.8641	2.0510	4.7100e-003		0.1210	0.1210		0.1114	0.1114	0.0000	413.6849	413.6849	0.1338	0.0000	417.0298
Total	**0.2761**	**2.8641**	**2.0510**	**4.7100e-003**	**1.3756**	**0.1210**	**1.4966**	**0.6273**	**0.1114**	**0.7387**	**0.0000**	**413.6849**	**413.6849**	**0.1338**	**0.0000**	**417.0298**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3100e-003	3.7900e-003	0.0508	1.6000e-004	0.0192	9.0000e-005	0.0193	5.1200e-003	9.0000e-005	5.2000e-003	0.0000	15.0394	15.0394	3.4000e-004	3.7000e-004	15.1575
Total	**5.3100e-003**	**3.7900e-003**	**0.0508**	**1.6000e-004**	**0.0192**	**9.0000e-005**	**0.0193**	**5.1200e-003**	**9.0000e-005**	**5.2000e-003**	**0.0000**	**15.0394**	**15.0394**	**3.4000e-004**	**3.7000e-004**	**15.1575**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3756	0.0000	1.3756	0.6273	0.0000	0.6273	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1301	1.1059	2.3131	4.7100e-003		0.0454	0.0454		0.0422	0.0422	0.0000	413.6844	413.6844	0.1338	0.0000	417.0293
Total	**0.1301**	**1.1059**	**2.3131**	**4.7100e-003**	**1.3756**	**0.0454**	**1.4210**	**0.6273**	**0.0422**	**0.6695**	**0.0000**	**413.6844**	**413.6844**	**0.1338**	**0.0000**	**417.0293**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3100e-003	3.7900e-003	0.0508	1.6000e-004	0.0192	9.0000e-005	0.0193	5.1200e-003	9.0000e-005	5.2000e-003	0.0000	15.0394	15.0394	3.4000e-004	3.7000e-004	15.1575
Total	**5.3100e-003**	**3.7900e-003**	**0.0508**	**1.6000e-004**	**0.0192**	**9.0000e-005**	**0.0193**	**5.1200e-003**	**9.0000e-005**	**5.2000e-003**	**0.0000**	**15.0394**	**15.0394**	**3.4000e-004**	**3.7000e-004**	**15.1575**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5325	0.0000	0.5325	0.1639	0.0000	0.1639	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0602	0.6072	0.4530	1.0500e-003		0.0257	0.0257		0.0237	0.0237	0.0000	91.9135	91.9135	0.0297	0.0000	92.6567
Total	**0.0602**	**0.6072**	**0.4530**	**1.0500e-003**	**0.5325**	**0.0257**	**0.5582**	**0.1639**	**0.0237**	**0.1876**	**0.0000**	**91.9135**	**91.9135**	**0.0297**	**0.0000**	**92.6567**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.5000e-004	0.0105	3.0000e-005	4.2700e-003	2.0000e-005	4.2900e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.2580	3.2580	7.0000e-005	8.0000e-005	3.2824
Total	**1.1000e-003**	**7.5000e-004**	**0.0105**	**3.0000e-005**	**4.2700e-003**	**2.0000e-005**	**4.2900e-003**	**1.1400e-003**	**2.0000e-005**	**1.1600e-003**	**0.0000**	**3.2580**	**3.2580**	**7.0000e-005**	**8.0000e-005**	**3.2824**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5325	0.0000	0.5325	0.1639	0.0000	0.1639	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.2374	0.5143	1.0500e-003		9.7500e-003	9.7500e-003		9.0700e-003	9.0700e-003	0.0000	91.9134	91.9134	0.0297	0.0000	92.6566
Total	**0.0286**	**0.2374**	**0.5143**	**1.0500e-003**	**0.5325**	**9.7500e-003**	**0.5423**	**0.1639**	**9.0700e-003**	**0.1730**	**0.0000**	**91.9134**	**91.9134**	**0.0297**	**0.0000**	**92.6566**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.5000e-004	0.0105	3.0000e-005	4.2700e-003	2.0000e-005	4.2900e-003	1.1400e-003	2.0000e-005	1.1600e-003	0.0000	3.2580	3.2580	7.0000e-005	8.0000e-005	3.2824
Total	**1.1000e-003**	**7.5000e-004**	**0.0105**	**3.0000e-005**	**4.2700e-003**	**2.0000e-005**	**4.2900e-003**	**1.1400e-003**	**2.0000e-005**	**1.1600e-003**	**0.0000**	**3.2580**	**3.2580**	**7.0000e-005**	**8.0000e-005**	**3.2824**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4992	4.4249	4.8283	8.9200e-003		0.1912	0.1912		0.1820	0.1820	0.0000	760.2825	760.2825	0.1483	0.0000	763.9905
Total	**0.4992**	**4.4249**	**4.8283**	**8.9200e-003**		**0.1912**	**0.1912**		**0.1820**	**0.1820**	**0.0000**	**760.2825**	**760.2825**	**0.1483**	**0.0000**	**763.9905**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0135	0.5287	0.1743	2.2400e-003	0.0729	3.1000e-003	0.0760	0.0211	2.9700e-003	0.0241	0.0000	214.5429	214.5429	6.4000e-004	0.0325	224.2332
Worker	0.0979	0.0667	0.9351	3.0900e-003	0.3797	1.7400e-003	0.3814	0.1010	1.6000e-003	0.1026	0.0000	289.4651	289.4651	5.9800e-003	6.7700e-003	291.6328
Total	**0.1114**	**0.5954**	**1.1093**	**5.3300e-003**	**0.4526**	**4.8400e-003**	**0.4575**	**0.1222**	**4.5700e-003**	**0.1267**	**0.0000**	**504.0080**	**504.0080**	**6.6200e-003**	**0.0392**	**515.8660**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4655	4.0171	4.8622	8.9200e-003		0.1717	0.1717		0.1642	0.1642	0.0000	760.2816	760.2816	0.1483	0.0000	763.9896
Total	**0.4655**	**4.0171**	**4.8622**	**8.9200e-003**		**0.1717**	**0.1717**		**0.1642**	**0.1642**	**0.0000**	**760.2816**	**760.2816**	**0.1483**	**0.0000**	**763.9896**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0135	0.5287	0.1743	2.2400e-003	0.0729	3.1000e-003	0.0760	0.0211	2.9700e-003	0.0241	0.0000	214.5429	214.5429	6.4000e-004	0.0325	224.2332
Worker	0.0979	0.0667	0.9351	3.0900e-003	0.3797	1.7400e-003	0.3814	0.1010	1.6000e-003	0.1026	0.0000	289.4651	289.4651	5.9800e-003	6.7700e-003	291.6328
Total	**0.1114**	**0.5954**	**1.1093**	**5.3300e-003**	**0.4526**	**4.8400e-003**	**0.4575**	**0.1222**	**4.5700e-003**	**0.1267**	**0.0000**	**504.0080**	**504.0080**	**6.6200e-003**	**0.0392**	**515.8660**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5024	4.4350	5.1758	9.6300e-003		0.1802	0.1802		0.1715	0.1715	0.0000	820.1017	820.1017	0.1583	0.0000	824.0587
Total	**0.5024**	**4.4350**	**5.1758**	**9.6300e-003**		**0.1802**	**0.1802**		**0.1715**	**0.1715**	**0.0000**	**820.1017**	**820.1017**	**0.1583**	**0.0000**	**824.0587**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	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	0.0143	0.5654	0.1858	2.3600e-003	0.0786	3.3200e-003	0.0820	0.0228	3.1700e-003	0.0259	0.0000	226.4159	226.4159	6.8000e-004	0.0343	236.6416
Worker	0.0992	0.0645	0.9464	3.2200e-003	0.4095	1.7900e-003	0.4113	0.1090	1.6500e-003	0.1106	0.0000	304.5533	304.5533	5.8500e-003	6.8400e-003	306.7392
Total	**0.1135**	**0.6299**	**1.1321**	**5.5800e-003**	**0.4881**	**5.1100e-003**	**0.4933**	**0.1317**	**4.8200e-003**	**0.1366**	**0.0000**	**530.9691**	**530.9691**	**6.5300e-003**	**0.0411**	**543.3808**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4701	4.0340	5.2143	9.6300e-003		0.1634	0.1634		0.1562	0.1562	0.0000	820.1008	820.1008	0.1583	0.0000	824.0577
Total	**0.4701**	**4.0340**	**5.2143**	**9.6300e-003**		**0.1634**	**0.1634**		**0.1562**	**0.1562**	**0.0000**	**820.1008**	**820.1008**	**0.1583**	**0.0000**	**824.0577**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	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	0.0143	0.5654	0.1858	2.3600e-003	0.0786	3.3200e-003	0.0820	0.0228	3.1700e-003	0.0259	0.0000	226.4159	226.4159	6.8000e-004	0.0343	236.6416
Worker	0.0992	0.0645	0.9464	3.2200e-003	0.4095	1.7900e-003	0.4113	0.1090	1.6500e-003	0.1106	0.0000	304.5533	304.5533	5.8500e-003	6.8400e-003	306.7392
Total	**0.1135**	**0.6299**	**1.1321**	**5.5800e-003**	**0.4881**	**5.1100e-003**	**0.4933**	**0.1317**	**4.8200e-003**	**0.1366**	**0.0000**	**530.9691**	**530.9691**	**6.5300e-003**	**0.0411**	**543.3808**

3.4 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	0.5024	4.4350	5.1758	9.6300e-003		0.1802	0.1802		0.1715	0.1715	0.0000	820.1017	820.1017	0.1583	0.0000	824.0587
Total	**0.5024**	**4.4350**	**5.1758**	**9.6300e-003**		**0.1802**	**0.1802**		**0.1715**	**0.1715**	**0.0000**	**820.1017**	**820.1017**	**0.1583**	**0.0000**	**824.0587**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	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	0.0141	0.5605	0.1841	2.3100e-003	0.0786	3.2800e-003	0.0819	0.0228	3.1300e-003	0.0259	0.0000	221.6223	221.6223	6.6000e-004	0.0335	231.6304
Worker	0.0937	0.0586	0.8946	3.1200e-003	0.4095	1.7100e-003	0.4112	0.1090	1.5700e-003	0.1105	0.0000	297.4134	297.4134	5.3300e-003	6.4700e-003	299.4740
Total	**0.1077**	**0.6190**	**1.0786**	**5.4300e-003**	**0.4881**	**4.9900e-003**	**0.4931**	**0.1317**	**4.7000e-003**	**0.1364**	**0.0000**	**519.0357**	**519.0357**	**5.9900e-003**	**0.0400**	**531.1044**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4701	4.0340	5.2143	9.6300e-003		0.1634	0.1634		0.1562	0.1562	0.0000	820.1008	820.1008	0.1583	0.0000	824.0577
Total	**0.4701**	**4.0340**	**5.2143**	**9.6300e-003**		**0.1634**	**0.1634**		**0.1562**	**0.1562**	**0.0000**	**820.1008**	**820.1008**	**0.1583**	**0.0000**	**824.0577**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	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	0.0141	0.5605	0.1841	2.3100e-003	0.0786	3.2800e-003	0.0819	0.0228	3.1300e-003	0.0259	0.0000	221.6223	221.6223	6.6000e-004	0.0335	231.6304
Worker	0.0937	0.0586	0.8946	3.1200e-003	0.4095	1.7100e-003	0.4112	0.1090	1.5700e-003	0.1105	0.0000	297.4134	297.4134	5.3300e-003	6.4700e-003	299.4740
Total	**0.1077**	**0.6190**	**1.0786**	**5.4300e-003**	**0.4881**	**4.9900e-003**	**0.4931**	**0.1317**	**4.7000e-003**	**0.1364**	**0.0000**	**519.0357**	**519.0357**	**5.9900e-003**	**0.0400**	**531.1044**

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5024	4.4350	5.1758	9.6300e-003		0.1802	0.1802		0.1715	0.1715	0.0000	820.1017	820.1017	0.1583	0.0000	824.0587
Total	**0.5024**	**4.4350**	**5.1758**	**9.6300e-003**		**0.1802**	**0.1802**		**0.1715**	**0.1715**	**0.0000**	**820.1017**	**820.1017**	**0.1583**	**0.0000**	**824.0587**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0139	0.5559	0.1826	2.2600e-003	0.0786	3.2400e-003	0.0819	0.0228	3.1000e-003	0.0259	0.0000	216.6454	216.6454	6.5000e-004	0.0328	226.4285
Worker	0.0885	0.0536	0.8507	3.0300e-003	0.4095	1.6100e-003	0.4111	0.1090	1.4800e-003	0.1105	0.0000	290.9480	290.9480	4.8900e-003	6.1500e-003	292.9037
Total	**0.1024**	**0.6094**	**1.0333**	**5.2900e-003**	**0.4881**	**4.8500e-003**	**0.4930**	**0.1317**	**4.5800e-003**	**0.1363**	**0.0000**	**507.5934**	**507.5934**	**5.5400e-003**	**0.0389**	**519.3322**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4701	4.0340	5.2143	9.6300e-003		0.1634	0.1634		0.1562	0.1562	0.0000	820.1008	820.1008	0.1583	0.0000	824.0577
Total	**0.4701**	**4.0340**	**5.2143**	**9.6300e-003**		**0.1634**	**0.1634**		**0.1562**	**0.1562**	**0.0000**	**820.1008**	**820.1008**	**0.1583**	**0.0000**	**824.0577**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0139	0.5559	0.1826	2.2600e-003	0.0786	3.2400e-003	0.0819	0.0228	3.1000e-003	0.0259	0.0000	216.6454	216.6454	6.5000e-004	0.0328	226.4285
Worker	0.0885	0.0536	0.8507	3.0300e-003	0.4095	1.6100e-003	0.4111	0.1090	1.4800e-003	0.1105	0.0000	290.9480	290.9480	4.8900e-003	6.1500e-003	292.9037
Total	**0.1024**	**0.6094**	**1.0333**	**5.2900e-003**	**0.4881**	**4.8500e-003**	**0.4930**	**0.1317**	**4.5800e-003**	**0.1363**	**0.0000**	**507.5934**	**507.5934**	**5.5400e-003**	**0.0389**	**519.3322**

3.4 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	0.1636	1.4444	1.6856	3.1400e-003		0.0587	0.0587		0.0559	0.0559	0.0000	267.0829	267.0829	0.0516	0.0000	268.3716
Total	**0.1636**	**1.4444**	**1.6856**	**3.1400e-003**		**0.0587**	**0.0587**		**0.0559**	**0.0559**	**0.0000**	**267.0829**	**267.0829**	**0.0516**	**0.0000**	**268.3716**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4900e-003	0.1799	0.0592	7.2000e-004	0.0256	1.0400e-003	0.0267	7.4100e-003	1.0000e-003	8.4100e-003	0.0000	69.0245	69.0245	2.1000e-004	0.0104	72.1407
Worker	0.0273	0.0161	0.2650	9.6000e-004	0.1334	4.9000e-004	0.1339	0.0355	4.5000e-004	0.0359	0.0000	92.8906	92.8906	1.4700e-003	1.9200e-003	93.4991
Total	**0.0318**	**0.1960**	**0.3242**	**1.6800e-003**	**0.1590**	**1.5300e-003**	**0.1605**	**0.0429**	**1.4500e-003**	**0.0444**	**0.0000**	**161.9151**	**161.9151**	**1.6800e-003**	**0.0124**	**165.6398**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1531	1.3138	1.6981	3.1400e-003		0.0532	0.0532		0.0509	0.0509	0.0000	267.0826	267.0826	0.0516	0.0000	268.3713
Total	**0.1531**	**1.3138**	**1.6981**	**3.1400e-003**		**0.0532**	**0.0532**		**0.0509**	**0.0509**	**0.0000**	**267.0826**	**267.0826**	**0.0516**	**0.0000**	**268.3713**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4900e-003	0.1799	0.0592	7.2000e-004	0.0256	1.0400e-003	0.0267	7.4100e-003	1.0000e-003	8.4100e-003	0.0000	69.0245	69.0245	2.1000e-004	0.0104	72.1407
Worker	0.0273	0.0161	0.2650	9.6000e-004	0.1334	4.9000e-004	0.1339	0.0355	4.5000e-004	0.0359	0.0000	92.8906	92.8906	1.4700e-003	1.9200e-003	93.4991
Total	**0.0318**	**0.1960**	**0.3242**	**1.6800e-003**	**0.1590**	**1.5300e-003**	**0.1605**	**0.0429**	**1.4500e-003**	**0.0444**	**0.0000**	**161.9151**	**161.9151**	**1.6800e-003**	**0.0124**	**165.6398**

3.5 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	tons/yr										MT/yr					
Off-Road	0.0486	0.4496	0.7370	1.1400e-003		0.0208	0.0208		0.0193	0.0193	0.0000	99.0608	99.0608	0.0313	0.0000	99.8429
Paving	0.0133					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0619**	**0.4496**	**0.7370**	**1.1400e-003**		**0.0208**	**0.0208**		**0.0193**	**0.0193**	**0.0000**	**99.0608**	**99.0608**	**0.0313**	**0.0000**	**99.8429**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 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	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	2.3400e-003	1.3800e-003	0.0228	8.0000e-005	0.0115	4.0000e-005	0.0115	3.0500e-003	4.0000e-005	3.0800e-003	0.0000	7.9730	7.9730	1.3000e-004	1.6000e-004	8.0252
Total	**2.3400e-003**	**1.3800e-003**	**0.0228**	**8.0000e-005**	**0.0115**	**4.0000e-005**	**0.0115**	**3.0500e-003**	**4.0000e-005**	**3.0800e-003**	**0.0000**	**7.9730**	**7.9730**	**1.3000e-004**	**1.6000e-004**	**8.0252**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0433	0.3837	0.7434	1.1400e-003		0.0181	0.0181		0.0167	0.0167	0.0000	99.0607	99.0607	0.0313	0.0000	99.8428
Paving	0.0133					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0566**	**0.3837**	**0.7434**	**1.1400e-003**		**0.0181**	**0.0181**		**0.0167**	**0.0167**	**0.0000**	**99.0607**	**99.0607**	**0.0313**	**0.0000**	**99.8428**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 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	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	2.3400e-003	1.3800e-003	0.0228	8.0000e-005	0.0115	4.0000e-005	0.0115	3.0500e-003	4.0000e-005	3.0800e-003	0.0000	7.9730	7.9730	1.3000e-004	1.6000e-004	8.0252
Total	**2.3400e-003**	**1.3800e-003**	**0.0228**	**8.0000e-005**	**0.0115**	**4.0000e-005**	**0.0115**	**3.0500e-003**	**4.0000e-005**	**3.0800e-003**	**0.0000**	**7.9730**	**7.9730**	**1.3000e-004**	**1.6000e-004**	**8.0252**

3.6 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	0.8482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0256	0.1718	0.2714	4.5000e-004		7.7300e-003	7.7300e-003		7.7300e-003	7.7300e-003	0.0000	38.2988	38.2988	2.0900e-003	0.0000	38.3510
Total	**0.8738**	**0.1718**	**0.2714**	**4.5000e-004**		**7.7300e-003**	**7.7300e-003**		**7.7300e-003**	**7.7300e-003**	**0.0000**	**38.2988**	**38.2988**	**2.0900e-003**	**0.0000**	**38.3510**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 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	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	4.7700e-003	2.8200e-003	0.0464	1.7000e-004	0.0234	9.0000e-005	0.0234	6.2100e-003	8.0000e-005	6.2900e-003	0.0000	16.2649	16.2649	2.6000e-004	3.4000e-004	16.3714
Total	**4.7700e-003**	**2.8200e-003**	**0.0464**	**1.7000e-004**	**0.0234**	**9.0000e-005**	**0.0234**	**6.2100e-003**	**8.0000e-005**	**6.2900e-003**	**0.0000**	**16.2649**	**16.2649**	**2.6000e-004**	**3.4000e-004**	**16.3714**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0256	0.1718	0.2714	4.5000e-004		7.7300e-003	7.7300e-003		7.7300e-003	7.7300e-003	0.0000	38.2988	38.2988	2.0900e-003	0.0000	38.3510
Total	**0.8738**	**0.1718**	**0.2714**	**4.5000e-004**		**7.7300e-003**	**7.7300e-003**		**7.7300e-003**	**7.7300e-003**	**0.0000**	**38.2988**	**38.2988**	**2.0900e-003**	**0.0000**	**38.3510**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 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	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	4.7700e-003	2.8200e-003	0.0464	1.7000e-004	0.0234	9.0000e-005	0.0234	6.2100e-003	8.0000e-005	6.2900e-003	0.0000	16.2649	16.2649	2.6000e-004	3.4000e-004	16.3714
Total	**4.7700e-003**	**2.8200e-003**	**0.0464**	**1.7000e-004**	**0.0234**	**9.0000e-005**	**0.0234**	**6.2100e-003**	**8.0000e-005**	**6.2900e-003**	**0.0000**	**16.2649**	**16.2649**	**2.6000e-004**	**3.4000e-004**	**16.3714**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Medical Office Building	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	6.60	59.00	28.00	13.00	92	5	3
Government (Civic Center)	14.70	6.60	6.60	75.00	20.00	5.00	50	34	16
Library	14.70	6.60	6.60	52.00	43.00	5.00	44	44	12
Medical Office Building	14.70	6.60	6.60	29.60	51.40	19.00	60	30	10
University/College (4yr)	14.70	6.60	6.60	6.40	88.60	5.00	91	9	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Government (Civic Center)	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Library	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Medical Office Building	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
University/College (4yr)	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Parking Lot	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

CSU Placer Center_Phase 1 Const Only

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	17.10	1000sqft	5.00	17,100.00	0
Medical Office Building	18.00	1000sqft	5.00	18,000.00	0
Library	46.27	1000sqft	5.00	46,270.00	0
University/College (4yr)	2,500.00	Student	20.00	55,950.00	0
General Light Industry	32.17	1000sqft	5.00	32,170.00	0
Parking Lot	1,126.00	Space	10.13	450,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2030
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 1 land uses per project description. Acreage increased to total anticipated acreage for Phase 1

Construction Phase - Phasing defaults, except Arch. coating assumed to occur as buildings are finished, not all at the end.

Off-road Equipment - increased default

Off-road Equipment - increased default

Off-road Equipment - increased default

Off-road Equipment - equipment based on project description

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Trips and VMT -

Grading -

Architectural Coating -

Vehicle Trips - Run used for Phase 1 construction only

Road Dust - Run used for Phase 1 construction only

Woodstoves - Run used for Phase 1 construction only

Consumer Products - Run used for Phase 1 construction only

Area Coating - Run used for Phase 1 construction only

Landscape Equipment - Run used for Phase 1 construction only

Energy Use - Run used for Phase 1 construction only

Water And Wastewater - Run used for Phase 1 construction only

Solid Waste - Run used for Phase 1 construction only

Construction Off-road Equipment Mitigation - 50% T4

Area Mitigation - Run used for Phase 1 construction only

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Parking	27024	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	40.44	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	459,493.67	55,950.00
tblLandUse	LotAcreage	0.39	5.00
tblLandUse	LotAcreage	0.41	5.00
tblLandUse	LotAcreage	1.06	5.00
tblLandUse	LotAcreage	10.55	20.00
tblLandUse	LotAcreage	0.74	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0
tblRoadDust	RoadPercentPave	100	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	39.89	0.00
tblSolidWaste	SolidWasteGenerationRate	97.47	0.00
tblSolidWaste	SolidWasteGenerationRate	42.61	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblSolidWaste	SolidWasteGenerationRate	194.40	0.00
tblSolidWaste	SolidWasteGenerationRate	456.25	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	8.57	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	SU_TR	1.42	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	34.80	0.00
tblVehicleTrips	WD_TR	1.56	0.00
tblWater	IndoorWaterUseRate	7,439,312.50	0.00
tblWater	IndoorWaterUseRate	3,397,080.63	0.00
tblWater	IndoorWaterUseRate	1,447,737.79	0.00
tblWater	IndoorWaterUseRate	2,258,649.68	0.00
tblWater	IndoorWaterUseRate	5,352,750.00	0.00
tblWater	OutdoorWaterUseRate	2,082,081.68	0.00
tblWater	OutdoorWaterUseRate	2,264,410.39	0.00
tblWater	OutdoorWaterUseRate	430,218.99	0.00
tblWater	OutdoorWaterUseRate	8,372,250.00	0.00

2.0 Emissions Summary

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	6.2666	63.7218	46.8773	0.1086	29.8379	2.6917	32.5296	13.9320	2.4764	16.4084	0.0000	10,533.7641	10,533.7641	3.2853	8.3200e-003	10,618.3763
2024	6.1399	60.7877	50.2156	0.1200	29.8379	2.5738	32.4117	13.9320	2.3679	16.2999	0.0000	11,742.9069	11,742.9069	3.2839	0.3523	11,883.1188
2025	4.8004	38.5473	49.4064	0.1187	3.9078	1.4201	5.3279	1.0505	1.3510	2.4016	0.0000	11,631.4586	11,631.4586	1.3899	0.3424	11,768.2304
2026	4.7517	38.4709	48.9371	0.1174	3.9078	1.4191	5.3269	1.0505	1.3501	2.4007	0.0000	11,525.1656	11,525.1656	1.3855	0.3333	11,659.1266
2027	4.7068	38.4035	48.5406	0.1163	3.9077	1.4181	5.3258	1.0505	1.3492	2.3997	0.0000	11,423.6573	11,423.6573	1.3818	0.3245	11,554.9036
2028	23.4426	38.3509	48.2106	0.1152	3.9077	1.4170	5.3248	1.0505	1.3482	2.3987	0.0000	11,331.4450	11,331.4450	1.3785	0.3164	11,460.2010
Maximum	**23.4426**	**63.7218**	**50.2156**	**0.1200**	**29.8379**	**2.6917**	**32.5296**	**13.9320**	**2.4764**	**16.4084**	**0.0000**	**11,742.9069**	**11,742.9069**	**3.2853**	**0.3523**	**11,883.1188**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.0206	24.6490	52.7007	0.1086	29.8379	1.0112	30.8491	13.9320	0.9396	14.8716	0.0000	10,533.7641	10,533.7641	3.2853	8.3200e-003	10,618.3763
2024	4.8540	37.8473	52.6363	0.1200	29.8379	1.4586	30.8153	13.9320	1.3945	14.8406	0.0000	11,742.9069	11,742.9069	3.2839	0.3523	11,883.1188
2025	4.5533	35.4747	49.7015	0.1187	3.9078	1.2914	5.1992	1.0505	1.2337	2.2842	0.0000	11,631.4586	11,631.4586	1.3899	0.3424	11,768.2304
2026	4.5045	35.3983	49.2322	0.1174	3.9078	1.2904	5.1982	1.0505	1.2328	2.2833	0.0000	11,525.1656	11,525.1656	1.3855	0.3333	11,659.1266
2027	4.4596	35.3309	48.8356	0.1163	3.9077	1.2894	5.1971	1.0505	1.2318	2.2823	0.0000	11,423.6573	11,423.6573	1.3818	0.3245	11,554.9036
2028	23.4426	35.2783	48.5057	0.1152	3.9077	1.2883	5.1961	1.0505	1.2308	2.2814	0.0000	11,331.4450	11,331.4450	1.3785	0.3164	11,460.2010
Maximum	**23.4426**	**37.8473**	**52.7007**	**0.1200**	**29.8379**	**1.4586**	**30.8491**	**13.9320**	**1.3945**	**14.8716**	**0.0000**	**11,742.9069**	**11,742.9069**	**3.2853**	**0.3523**	**11,883.1188**

	ROG	NOx	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	**10.52**	**26.70**	**-3.23**	**0.00**	**0.00**	**30.26**	**4.40**	**0.00**	**29.09**	**8.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**	**0.0000**	**1.3500e-003**	**1.3500e-003**	**0.0000**	**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**	**0.0000**	**0.8712**

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	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**	**0.0000**	**1.3500e-003**	**1.3500e-003**	**0.0000**	**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**	**0.0000**	**0.8712**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	Site Preparation	Site Preparation	7/1/2023	8/25/2023	5	40	
2	Grading	Grading	8/26/2023	1/26/2024	5	110	
3	Building Construction	Building Construction	1/27/2024	4/28/2028	5	1110	
4	Paving	Paving	4/29/2028	8/11/2028	5	75	
5	Architectural Coating	Architectural Coating	8/12/2028	11/24/2028	5	75	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 550

Acres of Paving: 10.13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 254,235; Non-Residential Outdoor: 84,745; Striped Parking Area: 27,024 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	4	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
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
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	14	35.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	257.00	102.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	51.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0669	0.0383	0.6680	2.0100e-003	0.2299	1.0600e-003	0.2310	0.0610	9.7000e-004	0.0619		205.8263	205.8263	4.0400e-003	4.2800e-003	207.2032
Total	**0.0669**	**0.0383**	**0.6680**	**2.0100e-003**	**0.2299**	**1.0600e-003**	**0.2310**	**0.0610**	**9.7000e-004**	**0.0619**		**205.8263**	**205.8263**	**4.0400e-003**	**4.2800e-003**	**207.2032**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	1.3273	11.9982	19.8201	0.0381		0.5288	0.5288		0.4897	0.4897	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**1.3273**	**11.9982**	**19.8201**	**0.0381**	**19.6570**	**0.5288**	**20.1858**	**10.1025**	**0.4897**	**10.5921**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0669	0.0383	0.6680	2.0100e-003	0.2299	1.0600e-003	0.2310	0.0610	9.7000e-004	0.0619		205.8263	205.8263	4.0400e-003	4.2800e-003	207.2032
Total	**0.0669**	**0.0383**	**0.6680**	**2.0100e-003**	**0.2299**	**1.0600e-003**	**0.2310**	**0.0610**	**9.7000e-004**	**0.0619**		**205.8263**	**205.8263**	**4.0400e-003**	**4.2800e-003**	**207.2032**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	6.1365	63.6473	45.5784	0.1047		2.6896	2.6896		2.4745	2.4745		10,133.5463	10,133.5463	3.2774		10,215.4811
Total	**6.1365**	**63.6473**	**45.5784**	**0.1047**	**29.3909**	**2.6896**	**32.0805**	**13.8135**	**2.4745**	**16.2879**		**10,133.5463**	**10,133.5463**	**3.2774**		**10,215.4811**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1301	0.0745	1.2989	3.9100e-003	0.4471	2.0600e-003	0.4491	0.1186	1.8900e-003	0.1205		400.2178	400.2178	7.8600e-003	8.3200e-003	402.8952
Total	**0.1301**	**0.0745**	**1.2989**	**3.9100e-003**	**0.4471**	**2.0600e-003**	**0.4491**	**0.1186**	**1.8900e-003**	**0.1205**		**400.2178**	**400.2178**	**7.8600e-003**	**8.3200e-003**	**402.8952**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	2.8905	24.5745	51.4018	0.1047		1.0091	1.0091		0.9377	0.9377	0.0000	10,133.5463	10,133.5463	3.2774		10,215.4811
Total	**2.8905**	**24.5745**	**51.4018**	**0.1047**	**29.3909**	**1.0091**	**30.4000**	**13.8135**	**0.9377**	**14.7512**	**0.0000**	**10,133.5463**	**10,133.5463**	**3.2774**		**10,215.4811**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1301	0.0745	1.2989	3.9100e-003	0.4471	2.0600e-003	0.4491	0.1186	1.8900e-003	0.1205		400.2178	400.2178	7.8600e-003	8.3200e-003	402.8952
Total	**0.1301**	**0.0745**	**1.2989**	**3.9100e-003**	**0.4471**	**2.0600e-003**	**0.4491**	**0.1186**	**1.8900e-003**	**0.1205**		**400.2178**	**400.2178**	**7.8600e-003**	**8.3200e-003**	**402.8952**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	6.0184	60.7214	45.3026	0.1046		2.5719	2.5719		2.3661	2.3661		10,131.7299	10,131.7299	3.2768		10,213.6501
Total	**6.0184**	**60.7214**	**45.3026**	**0.1046**	**29.3909**	**2.5719**	**31.9627**	**13.8135**	**2.3661**	**16.1796**		**10,131.7299**	**10,131.7299**	**3.2768**		**10,213.6501**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1214	0.0663	1.2114	3.7800e-003	0.4471	1.9600e-003	0.4490	0.1186	1.8000e-003	0.1204		390.0739	390.0739	7.0900e-003	7.7600e-003	392.5635
Total	**0.1214**	**0.0663**	**1.2114**	**3.7800e-003**	**0.4471**	**1.9600e-003**	**0.4490**	**0.1186**	**1.8000e-003**	**0.1204**		**390.0739**	**390.0739**	**7.0900e-003**	**7.7600e-003**	**392.5635**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 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	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	2.8590	23.7428	51.4249	0.1046		0.9754	0.9754		0.9068	0.9068	0.0000	10,131.7299	10,131.7299	3.2768		10,213.6501
Total	**2.8590**	**23.7428**	**51.4249**	**0.1046**	**29.3909**	**0.9754**	**30.3663**	**13.8135**	**0.9068**	**14.7202**	**0.0000**	**10,131.7299**	**10,131.7299**	**3.2768**		**10,213.6501**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1214	0.0663	1.2114	3.7800e-003	0.4471	1.9600e-003	0.4490	0.1186	1.8000e-003	0.1204		390.0739	390.0739	7.0900e-003	7.7600e-003	392.5635
Total	**0.1214**	**0.0663**	**1.2114**	**3.7800e-003**	**0.4471**	**1.9600e-003**	**0.4490**	**0.1186**	**1.8000e-003**	**0.1204**		**390.0739**	**390.0739**	**7.0900e-003**	**7.7600e-003**	**392.5635**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1252	36.5692	39.9036	0.0738		1.5798	1.5798		1.5040	1.5040		6,926.1818	6,926.1818	1.3512		6,959.9621
Total	**4.1252**	**36.5692**	**39.9036**	**0.0738**		**1.5798**	**1.5798**		**1.5040**	**1.5040**		**6,926.1818**	**6,926.1818**	**1.3512**		**6,959.9621**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1153	4.1607	1.4165	0.0185	0.6251	0.0256	0.6507	0.1800	0.0245	0.2045		1,952.4686	1,952.4686	6.0100e-003	0.2953	2,040.6194
Worker	0.8916	0.4871	8.8954	0.0278	3.2827	0.0144	3.2970	0.8705	0.0132	0.8838		2,864.2566	2,864.2566	0.0521	0.0570	2,882.5374
Total	**1.0070**	**4.6478**	**10.3119**	**0.0463**	**3.9078**	**0.0400**	**3.9477**	**1.0505**	**0.0377**	**1.0883**		**4,816.7251**	**4,816.7251**	**0.0581**	**0.3523**	**4,923.1568**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.8471	33.1995	40.1831	0.0738		1.4186	1.4186		1.3568	1.3568	0.0000	6,926.1818	6,926.1818	1.3512		6,959.9620
Total	**3.8471**	**33.1995**	**40.1831**	**0.0738**		**1.4186**	**1.4186**		**1.3568**	**1.3568**	**0.0000**	**6,926.1818**	**6,926.1818**	**1.3512**		**6,959.9620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1153	4.1607	1.4165	0.0185	0.6251	0.0256	0.6507	0.1800	0.0245	0.2045		1,952.4686	1,952.4686	6.0100e-003	0.2953	2,040.6194
Worker	0.8916	0.4871	8.8954	0.0278	3.2827	0.0144	3.2970	0.8705	0.0132	0.8838		2,864.2566	2,864.2566	0.0521	0.0570	2,882.5374
Total	**1.0070**	**4.6478**	**10.3119**	**0.0463**	**3.9078**	**0.0400**	**3.9477**	**1.0505**	**0.0377**	**1.0883**		**4,816.7251**	**4,816.7251**	**0.0581**	**0.3523**	**4,923.1568**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1135	4.1248	1.4001	0.0181	0.6251	0.0254	0.6505	0.1800	0.0243	0.2043		1,910.4853	1,910.4853	5.8600e-003	0.2889	1,996.7367
Worker	0.8374	0.4377	8.3453	0.0268	3.2827	0.0137	3.2964	0.8705	0.0126	0.8832		2,793.7135	2,793.7135	0.0471	0.0534	2,810.8102
Total	**0.9509**	**4.5625**	**9.7454**	**0.0449**	**3.9078**	**0.0391**	**3.9469**	**1.0505**	**0.0369**	**1.0874**		**4,704.1988**	**4,704.1988**	**0.0529**	**0.3424**	**4,807.5469**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1135	4.1248	1.4001	0.0181	0.6251	0.0254	0.6505	0.1800	0.0243	0.2043		1,910.4853	1,910.4853	5.8600e-003	0.2889	1,996.7367
Worker	0.8374	0.4377	8.3453	0.0268	3.2827	0.0137	3.2964	0.8705	0.0126	0.8832		2,793.7135	2,793.7135	0.0471	0.0534	2,810.8102
Total	**0.9509**	**4.5625**	**9.7454**	**0.0449**	**3.9078**	**0.0391**	**3.9469**	**1.0505**	**0.0369**	**1.0874**		**4,704.1988**	**4,704.1988**	**0.0529**	**0.3424**	**4,807.5469**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1119	4.0887	1.3873	0.0177	0.6251	0.0251	0.6501	0.1800	0.0240	0.2040		1,870.0096	1,870.0096	5.7400e-003	0.2828	1,954.4263
Worker	0.7902	0.3975	7.8888	0.0260	3.2827	0.0131	3.2957	0.8705	0.0120	0.8826		2,727.8962	2,727.8962	0.0428	0.0505	2,744.0168
Total	**0.9021**	**4.4862**	**9.2761**	**0.0437**	**3.9078**	**0.0381**	**3.9459**	**1.0505**	**0.0360**	**1.0865**		**4,597.9058**	**4,597.9058**	**0.0486**	**0.3333**	**4,698.4431**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1119	4.0887	1.3873	0.0177	0.6251	0.0251	0.6501	0.1800	0.0240	0.2040		1,870.0096	1,870.0096	5.7400e-003	0.2828	1,954.4263
Worker	0.7902	0.3975	7.8888	0.0260	3.2827	0.0131	3.2957	0.8705	0.0120	0.8826		2,727.8962	2,727.8962	0.0428	0.0505	2,744.0168
Total	**0.9021**	**4.4862**	**9.2761**	**0.0437**	**3.9078**	**0.0381**	**3.9459**	**1.0505**	**0.0360**	**1.0865**		**4,597.9058**	**4,597.9058**	**0.0486**	**0.3333**	**4,698.4431**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1107	4.0548	1.3768	0.0173	0.6251	0.0248	0.6498	0.1800	0.0237	0.2037		1,827.9885	1,827.9885	5.6500e-003	0.2764	1,910.5072
Worker	0.7466	0.3639	7.5028	0.0252	3.2827	0.0123	3.2950	0.8705	0.0113	0.8819		2,668.4090	2,668.4090	0.0392	0.0481	2,683.7129
Total	**0.8572**	**4.4187**	**8.8796**	**0.0425**	**3.9077**	**0.0371**	**3.9448**	**1.0505**	**0.0350**	**1.0855**		**4,496.3975**	**4,496.3975**	**0.0448**	**0.3245**	**4,594.2201**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1107	4.0548	1.3768	0.0173	0.6251	0.0248	0.6498	0.1800	0.0237	0.2037		1,827.9885	1,827.9885	5.6500e-003	0.2764	1,910.5072
Worker	0.7466	0.3639	7.5028	0.0252	3.2827	0.0123	3.2950	0.8705	0.0113	0.8819		2,668.4090	2,668.4090	0.0392	0.0481	2,683.7129
Total	**0.8572**	**4.4187**	**8.8796**	**0.0425**	**3.9077**	**0.0371**	**3.9448**	**1.0505**	**0.0350**	**1.0855**		**4,496.3975**	**4,496.3975**	**0.0448**	**0.3245**	**4,594.2201**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1097	4.0300	1.3696	0.0169	0.6251	0.0245	0.6496	0.1800	0.0235	0.2035		1,788.3133	1,788.3133	5.5700e-003	0.2704	1,869.0220
Worker	0.7058	0.3361	7.1801	0.0245	3.2827	0.0115	3.2942	0.8705	0.0106	0.8811		2,615.8719	2,615.8719	0.0360	0.0461	2,630.4955
Total	**0.8155**	**4.3662**	**8.5496**	**0.0415**	**3.9077**	**0.0360**	**3.9438**	**1.0505**	**0.0341**	**1.0846**		**4,404.1852**	**4,404.1852**	**0.0416**	**0.3164**	**4,499.5175**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1097	4.0300	1.3696	0.0169	0.6251	0.0245	0.6496	0.1800	0.0235	0.2035		1,788.3133	1,788.3133	5.5700e-003	0.2704	1,869.0220
Worker	0.7058	0.3361	7.1801	0.0245	3.2827	0.0115	3.2942	0.8705	0.0106	0.8811		2,615.8719	2,615.8719	0.0360	0.0461	2,630.4955
Total	**0.8155**	**4.3662**	**8.5496**	**0.0415**	**3.9077**	**0.0360**	**3.9438**	**1.0505**	**0.0341**	**1.0846**		**4,404.1852**	**4,404.1852**	**0.0416**	**0.3164**	**4,499.5175**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 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	1.2969	11.9882	19.6540	0.0305		0.5553	0.5553		0.5132	0.5132		2,911.8895	2,911.8895	0.9196		2,934.8789
Paving	0.3539					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6508**	**11.9882**	**19.6540**	**0.0305**		**0.5553**	**0.5553**		**0.5132**	**0.5132**		**2,911.8895**	**2,911.8895**	**0.9196**		**2,934.8789**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0687	0.0327	0.6985	2.3900e-003	0.3193	1.1200e-003	0.3204	0.0847	1.0300e-003	0.0857		254.4622	254.4622	3.5000e-003	4.4800e-003	255.8848
Total	**0.0687**	**0.0327**	**0.6985**	**2.3900e-003**	**0.3193**	**1.1200e-003**	**0.3204**	**0.0847**	**1.0300e-003**	**0.0857**		**254.4622**	**254.4622**	**3.5000e-003**	**4.4800e-003**	**255.8848**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Paving - 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	lb/day										lb/day					
Off-Road	1.1557	10.2324	19.8226	0.0305		0.4818	0.4818		0.4461	0.4461	0.0000	2,911.8895	2,911.8895	0.9196		2,934.8789
Paving	0.3539					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5096**	**10.2324**	**19.8226**	**0.0305**		**0.4818**	**0.4818**		**0.4461**	**0.4461**	**0.0000**	**2,911.8895**	**2,911.8895**	**0.9196**		**2,934.8789**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0687	0.0327	0.6985	2.3900e-003	0.3193	1.1200e-003	0.3204	0.0847	1.0300e-003	0.0857		254.4622	254.4622	3.5000e-003	4.4800e-003	255.8848
Total	**0.0687**	**0.0327**	**0.6985**	**2.3900e-003**	**0.3193**	**1.1200e-003**	**0.3204**	**0.0847**	**1.0300e-003**	**0.0857**		**254.4622**	**254.4622**	**3.5000e-003**	**4.4800e-003**	**255.8848**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 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	22.6191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6834	4.5820	7.2365	0.0119		0.2060	0.2060		0.2060	0.2060		1,125.7922	1,125.7922	0.0614		1,127.3275
Total	**23.3025**	**4.5820**	**7.2365**	**0.0119**		**0.2060**	**0.2060**		**0.2060**	**0.2060**		**1,125.7922**	**1,125.7922**	**0.0614**		**1,127.3275**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1401	0.0667	1.4248	4.8700e-003	0.6514	2.2800e-003	0.6537	0.1728	2.1000e-003	0.1749		519.1030	519.1030	7.1400e-003	9.1400e-003	522.0049
Total	**0.1401**	**0.0667**	**1.4248**	**4.8700e-003**	**0.6514**	**2.2800e-003**	**0.6537**	**0.1728**	**2.1000e-003**	**0.1749**		**519.1030**	**519.1030**	**7.1400e-003**	**9.1400e-003**	**522.0049**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 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	lb/day										lb/day					
Archit. Coating	22.6191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6834	4.5820	7.2365	0.0119		0.2060	0.2060		0.2060	0.2060	0.0000	1,125.7922	1,125.7922	0.0614		1,127.3275
Total	**23.3025**	**4.5820**	**7.2365**	**0.0119**		**0.2060**	**0.2060**		**0.2060**	**0.2060**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0614**		**1,127.3275**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1401	0.0667	1.4248	4.8700e-003	0.6514	2.2800e-003	0.6537	0.1728	2.1000e-003	0.1749		519.1030	519.1030	7.1400e-003	9.1400e-003	522.0049
Total	**0.1401**	**0.0667**	**1.4248**	**4.8700e-003**	**0.6514**	**2.2800e-003**	**0.6537**	**0.1728**	**2.1000e-003**	**0.1749**		**519.1030**	**519.1030**	**7.1400e-003**	**9.1400e-003**	**522.0049**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Medical Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	6.60	59.00	28.00	13.00	92	5	3

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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
Government (Civic Center)	14.70	6.60	6.60	75.00	20.00	5.00	50	34	16
Library	14.70	6.60	6.60	52.00	43.00	5.00	44	44	12
Medical Office Building	14.70	6.60	6.60	29.60	51.40	19.00	60	30	10
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
University/College (4yr)	14.70	6.60	6.60	6.40	88.60	5.00	91	9	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Government (Civic Center)	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Library	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Medical Office Building	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Parking Lot	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
University/College (4yr)	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Unmitigated	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**		**0.8712**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**		**0.8712**

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 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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

CSU Placer Center_Phase 1 Const Only

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	17.10	1000sqft	5.00	17,100.00	0
Medical Office Building	18.00	1000sqft	5.00	18,000.00	0
Library	46.27	1000sqft	5.00	46,270.00	0
University/College (4yr)	2,500.00	Student	20.00	55,950.00	0
General Light Industry	32.17	1000sqft	5.00	32,170.00	0
Parking Lot	1,126.00	Space	10.13	450,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2030
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Phase 1 land uses per project description. Acreage increased to total anticipated acreage for Phase 1

Construction Phase - Phasing defaults, except Arch. coating assumed to occur as buildings are finished, not all at the end.

Off-road Equipment - increased default

Off-road Equipment - increased default

Off-road Equipment - increased default

Off-road Equipment - equipment based on project description

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Vehicle Trips - Run used for Phase 1 construction only

Road Dust - Run used for Phase 1 construction only

Woodstoves - Run used for Phase 1 construction only

Consumer Products - Run used for Phase 1 construction only

Area Coating - Run used for Phase 1 construction only

Landscape Equipment - Run used for Phase 1 construction only

Energy Use - Run used for Phase 1 construction only

Water And Wastewater - Run used for Phase 1 construction only

Solid Waste - Run used for Phase 1 construction only

Construction Off-road Equipment Mitigation - 50% T4

Area Mitigation - Run used for Phase 1 construction only

Grading -

Trips and VMT -

Architectural Coating -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Parking	27024	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	40.44	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	459,493.67	55,950.00
tblLandUse	LotAcreage	0.39	5.00
tblLandUse	LotAcreage	0.41	5.00
tblLandUse	LotAcreage	1.06	5.00
tblLandUse	LotAcreage	10.55	20.00
tblLandUse	LotAcreage	0.74	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0
tblRoadDust	RoadPercentPave	100	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	39.89	0.00
tblSolidWaste	SolidWasteGenerationRate	97.47	0.00
tblSolidWaste	SolidWasteGenerationRate	42.61	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblSolidWaste	SolidWasteGenerationRate	194.40	0.00
tblSolidWaste	SolidWasteGenerationRate	456.25	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	8.57	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	SU_TR	1.42	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	34.80	0.00
tblVehicleTrips	WD_TR	1.56	0.00
tblWater	IndoorWaterUseRate	7,439,312.50	0.00
tblWater	IndoorWaterUseRate	3,397,080.63	0.00
tblWater	IndoorWaterUseRate	1,447,737.79	0.00
tblWater	IndoorWaterUseRate	2,258,649.68	0.00
tblWater	IndoorWaterUseRate	5,352,750.00	0.00
tblWater	OutdoorWaterUseRate	2,082,081.68	0.00
tblWater	OutdoorWaterUseRate	2,264,410.39	0.00
tblWater	OutdoorWaterUseRate	430,218.99	0.00
tblWater	OutdoorWaterUseRate	8,372,250.00	0.00

2.0 Emissions Summary

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	6.2639	63.7404	46.7095	0.1082	29.8379	2.6917	32.5296	13.9320	2.4764	16.4084	0.0000	10,493.9096	10,493.9096	3.2861	9.6400e-003	10,578.9369
2024	6.1376	60.8042	49.1291	0.1173	29.8379	2.5738	32.4117	13.9320	2.3679	16.2999	0.0000	11,463.0689	11,463.0689	3.2847	0.3622	11,606.3832
2025	4.7779	38.9667	48.3965	0.1161	3.9078	1.4202	5.3280	1.0505	1.3511	2.4017	0.0000	11,359.1271	11,359.1271	1.3952	0.3517	11,498.8066
2026	4.7316	38.8783	47.9878	0.1149	3.9078	1.4192	5.3270	1.0505	1.3502	2.4008	0.0000	11,259.6839	11,259.6839	1.3904	0.3421	11,396.3916
2027	4.6885	38.8006	47.6405	0.1138	3.9077	1.4182	5.3259	1.0505	1.3493	2.3998	0.0000	11,164.2270	11,164.2270	1.3864	0.3329	11,298.0849
2028	23.4410	38.7398	47.3507	0.1128	3.9077	1.4171	5.3249	1.0505	1.3483	2.3988	0.0000	11,077.2489	11,077.2489	1.3828	0.3244	11,208.5033
Maximum	**23.4410**	**63.7404**	**49.1291**	**0.1173**	**29.8379**	**2.6917**	**32.5296**	**13.9320**	**2.4764**	**16.4084**	**0.0000**	**11,463.0689**	**11,463.0689**	**3.2861**	**0.3622**	**11,606.3832**

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.0178	24.6676	52.5330	0.1082	29.8379	1.0112	30.8491	13.9320	0.9396	14.8716	0.0000	10,493.9096	10,493.9096	3.2861	9.6400e-003	10,578.9369
2024	4.8291	38.2812	52.4811	0.1173	29.8379	1.4587	30.8153	13.9320	1.3946	14.8406	0.0000	11,463.0689	11,463.0689	3.2847	0.3622	11,606.3832
2025	4.5308	35.8941	48.6915	0.1161	3.9078	1.2915	5.1993	1.0505	1.2338	2.2843	0.0000	11,359.1271	11,359.1271	1.3952	0.3517	11,498.8066
2026	4.4845	35.8057	48.2828	0.1149	3.9078	1.2905	5.1983	1.0505	1.2329	2.2834	0.0000	11,259.6839	11,259.6839	1.3904	0.3421	11,396.3916
2027	4.4414	35.7280	47.9355	0.1138	3.9077	1.2895	5.1972	1.0505	1.2319	2.2824	0.0000	11,164.2270	11,164.2270	1.3864	0.3329	11,298.0849
2028	23.4410	35.6672	47.6458	0.1128	3.9077	1.2884	5.1962	1.0505	1.2309	2.2815	0.0000	11,077.2489	11,077.2489	1.3828	0.3244	11,208.5033
Maximum	**23.4410**	**38.2812**	**52.5330**	**0.1173**	**29.8379**	**1.4587**	**30.8491**	**13.9320**	**1.3946**	**14.8716**	**0.0000**	**11,463.0689**	**11,463.0689**	**3.2861**	**0.3622**	**11,606.3832**

	ROG	NOx	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	**10.58**	**26.39**	**-3.61**	**0.00**	**0.00**	**30.26**	**4.40**	**0.00**	**29.09**	**8.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**	**0.0000**	**1.3500e-003**	**1.3500e-003**	**0.0000**	**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**	**0.0000**	**0.8712**

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	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**	**0.0000**	**1.3500e-003**	**1.3500e-003**	**0.0000**	**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**	**0.0000**	**0.8712**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	Site Preparation	Site Preparation	7/1/2023	8/25/2023	5	40	
2	Grading	Grading	8/26/2023	1/26/2024	5	110	
3	Building Construction	Building Construction	1/27/2024	4/28/2028	5	1110	
4	Paving	Paving	4/29/2028	8/11/2028	5	75	
5	Architectural Coating	Architectural Coating	8/12/2028	11/24/2028	5	75	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 550

Acres of Paving: 10.13

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 254,235; Non-Residential Outdoor: 84,745; Striped Parking Area: 27,024 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	4	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
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
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	14	35.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	257.00	102.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	51.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0655	0.0479	0.5817	1.8100e-003	0.2299	1.0600e-003	0.2310	0.0610	9.7000e-004	0.0619		185.3297	185.3297	4.4900e-003	4.9600e-003	186.9201
Total	**0.0655**	**0.0479**	**0.5817**	**1.8100e-003**	**0.2299**	**1.0600e-003**	**0.2310**	**0.0610**	**9.7000e-004**	**0.0619**		**185.3297**	**185.3297**	**4.4900e-003**	**4.9600e-003**	**186.9201**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	1.3273	11.9982	19.8201	0.0381		0.5288	0.5288		0.4897	0.4897	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**1.3273**	**11.9982**	**19.8201**	**0.0381**	**19.6570**	**0.5288**	**20.1858**	**10.1025**	**0.4897**	**10.5921**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0655	0.0479	0.5817	1.8100e-003	0.2299	1.0600e-003	0.2310	0.0610	9.7000e-004	0.0619		185.3297	185.3297	4.4900e-003	4.9600e-003	186.9201
Total	**0.0655**	**0.0479**	**0.5817**	**1.8100e-003**	**0.2299**	**1.0600e-003**	**0.2310**	**0.0610**	**9.7000e-004**	**0.0619**		**185.3297**	**185.3297**	**4.4900e-003**	**4.9600e-003**	**186.9201**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	6.1365	63.6473	45.5784	0.1047		2.6896	2.6896		2.4745	2.4745		10,133.5463	10,133.5463	3.2774		10,215.4811
Total	**6.1365**	**63.6473**	**45.5784**	**0.1047**	**29.3909**	**2.6896**	**32.0805**	**13.8135**	**2.4745**	**16.2879**		**10,133.5463**	**10,133.5463**	**3.2774**		**10,215.4811**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1273	0.0931	1.1312	3.5200e-003	0.4471	2.0600e-003	0.4491	0.1186	1.8900e-003	0.1205		360.3633	360.3633	8.7300e-003	9.6400e-003	363.4557
Total	**0.1273**	**0.0931**	**1.1312**	**3.5200e-003**	**0.4471**	**2.0600e-003**	**0.4491**	**0.1186**	**1.8900e-003**	**0.1205**		**360.3633**	**360.3633**	**8.7300e-003**	**9.6400e-003**	**363.4557**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	2.8905	24.5745	51.4018	0.1047		1.0091	1.0091		0.9377	0.9377	0.0000	10,133.5463	10,133.5463	3.2774		10,215.4811
Total	**2.8905**	**24.5745**	**51.4018**	**0.1047**	**29.3909**	**1.0091**	**30.4000**	**13.8135**	**0.9377**	**14.7512**	**0.0000**	**10,133.5463**	**10,133.5463**	**3.2774**		**10,215.4811**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1273	0.0931	1.1312	3.5200e-003	0.4471	2.0600e-003	0.4491	0.1186	1.8900e-003	0.1205		360.3633	360.3633	8.7300e-003	9.6400e-003	363.4557
Total	**0.1273**	**0.0931**	**1.1312**	**3.5200e-003**	**0.4471**	**2.0600e-003**	**0.4491**	**0.1186**	**1.8900e-003**	**0.1205**		**360.3633**	**360.3633**	**8.7300e-003**	**9.6400e-003**	**363.4557**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	6.0184	60.7214	45.3026	0.1046		2.5719	2.5719		2.3661	2.3661		10,131.7299	10,131.7299	3.2768		10,213.6501
Total	**6.0184**	**60.7214**	**45.3026**	**0.1046**	**29.3909**	**2.5719**	**31.9627**	**13.8135**	**2.3661**	**16.1796**		**10,131.7299**	**10,131.7299**	**3.2768**		**10,213.6501**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1192	0.0828	1.0562	3.4100e-003	0.4471	1.9600e-003	0.4490	0.1186	1.8000e-003	0.1204		351.3080	351.3080	7.9100e-003	8.9800e-003	354.1826
Total	**0.1192**	**0.0828**	**1.0562**	**3.4100e-003**	**0.4471**	**1.9600e-003**	**0.4490**	**0.1186**	**1.8000e-003**	**0.1204**		**351.3080**	**351.3080**	**7.9100e-003**	**8.9800e-003**	**354.1826**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 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	lb/day										lb/day					
Fugitive Dust					29.3909	0.0000	29.3909	13.8135	0.0000	13.8135			0.0000			0.0000
Off-Road	2.8590	23.7428	51.4249	0.1046		0.9754	0.9754		0.9068	0.9068	0.0000	10,131.7299	10,131.7299	3.2768		10,213.6501
Total	**2.8590**	**23.7428**	**51.4249**	**0.1046**	**29.3909**	**0.9754**	**30.3663**	**13.8135**	**0.9068**	**14.7202**	**0.0000**	**10,131.7299**	**10,131.7299**	**3.2768**		**10,213.6501**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1192	0.0828	1.0562	3.4100e-003	0.4471	1.9600e-003	0.4490	0.1186	1.8000e-003	0.1204		351.3080	351.3080	7.9100e-003	8.9800e-003	354.1826
Total	**0.1192**	**0.0828**	**1.0562**	**3.4100e-003**	**0.4471**	**1.9600e-003**	**0.4490**	**0.1186**	**1.8000e-003**	**0.1204**		**351.3080**	**351.3080**	**7.9100e-003**	**8.9800e-003**	**354.1826**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1252	36.5692	39.9036	0.0738		1.5798	1.5798		1.5040	1.5040		6,926.1818	6,926.1818	1.3512		6,959.9621
Total	**4.1252**	**36.5692**	**39.9036**	**0.0738**		**1.5798**	**1.5798**		**1.5040**	**1.5040**		**6,926.1818**	**6,926.1818**	**1.3512**		**6,959.9621**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1065	4.4736	1.4697	0.0185	0.6251	0.0257	0.6508	0.1800	0.0246	0.2046		1,957.2825	1,957.2825	5.6300e-003	0.2963	2,045.7086
Worker	0.8755	0.6081	7.7558	0.0250	3.2827	0.0144	3.2970	0.8705	0.0132	0.8838		2,579.6046	2,579.6046	0.0581	0.0660	2,600.7125
Total	**0.9820**	**5.0817**	**9.2255**	**0.0435**	**3.9078**	**0.0401**	**3.9479**	**1.0505**	**0.0378**	**1.0884**		**4,536.8871**	**4,536.8871**	**0.0637**	**0.3622**	**4,646.4211**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.8471	33.1995	40.1831	0.0738		1.4186	1.4186		1.3568	1.3568	0.0000	6,926.1818	6,926.1818	1.3512		6,959.9620
Total	**3.8471**	**33.1995**	**40.1831**	**0.0738**		**1.4186**	**1.4186**		**1.3568**	**1.3568**	**0.0000**	**6,926.1818**	**6,926.1818**	**1.3512**		**6,959.9620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1065	4.4736	1.4697	0.0185	0.6251	0.0257	0.6508	0.1800	0.0246	0.2046		1,957.2825	1,957.2825	5.6300e-003	0.2963	2,045.7086
Worker	0.8755	0.6081	7.7558	0.0250	3.2827	0.0144	3.2970	0.8705	0.0132	0.8838		2,579.6046	2,579.6046	0.0581	0.0660	2,600.7125
Total	**0.9820**	**5.0817**	**9.2255**	**0.0435**	**3.9078**	**0.0401**	**3.9479**	**1.0505**	**0.0378**	**1.0884**		**4,536.8871**	**4,536.8871**	**0.0637**	**0.3622**	**4,646.4211**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1047	4.4359	1.4524	0.0181	0.6251	0.0255	0.6506	0.1800	0.0244	0.2044		1,915.2783	1,915.2783	5.4800e-003	0.2899	2,001.7988
Worker	0.8237	0.5460	7.2831	0.0242	3.2827	0.0137	3.2964	0.8705	0.0126	0.8832		2,516.5890	2,516.5890	0.0527	0.0618	2,536.3242
Total	**0.9283**	**4.9820**	**8.7355**	**0.0423**	**3.9078**	**0.0392**	**3.9470**	**1.0505**	**0.0370**	**1.0876**		**4,431.8673**	**4,431.8673**	**0.0582**	**0.3517**	**4,538.1231**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1047	4.4359	1.4524	0.0181	0.6251	0.0255	0.6506	0.1800	0.0244	0.2044		1,915.2783	1,915.2783	5.4800e-003	0.2899	2,001.7988
Worker	0.8237	0.5460	7.2831	0.0242	3.2827	0.0137	3.2964	0.8705	0.0126	0.8832		2,516.5890	2,516.5890	0.0527	0.0618	2,536.3242
Total	**0.9283**	**4.9820**	**8.7355**	**0.0423**	**3.9078**	**0.0392**	**3.9470**	**1.0505**	**0.0370**	**1.0876**		**4,431.8673**	**4,431.8673**	**0.0582**	**0.3517**	**4,538.1231**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1031	4.3980	1.4388	0.0178	0.6251	0.0252	0.6503	0.1800	0.0241	0.2041		1,874.7666	1,874.7666	5.3600e-003	0.2837	1,959.4468
Worker	0.7790	0.4956	6.8880	0.0234	3.2827	0.0131	3.2957	0.8705	0.0120	0.8826		2,457.6574	2,457.6574	0.0481	0.0584	2,476.2614
Total	**0.8820**	**4.8936**	**8.3268**	**0.0412**	**3.9078**	**0.0382**	**3.9460**	**1.0505**	**0.0361**	**1.0866**		**4,332.4240**	**4,332.4240**	**0.0535**	**0.3421**	**4,435.7081**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1031	4.3980	1.4388	0.0178	0.6251	0.0252	0.6503	0.1800	0.0241	0.2041		1,874.7666	1,874.7666	5.3600e-003	0.2837	1,959.4468
Worker	0.7790	0.4956	6.8880	0.0234	3.2827	0.0131	3.2957	0.8705	0.0120	0.8826		2,457.6574	2,457.6574	0.0481	0.0584	2,476.2614
Total	**0.8820**	**4.8936**	**8.3268**	**0.0412**	**3.9078**	**0.0382**	**3.9460**	**1.0505**	**0.0361**	**1.0866**		**4,332.4240**	**4,332.4240**	**0.0535**	**0.3421**	**4,435.7081**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1017	4.3624	1.4275	0.0174	0.6251	0.0249	0.6499	0.1800	0.0238	0.2038		1,832.7027	1,832.7027	5.2600e-003	0.2773	1,915.4794
Worker	0.7373	0.4534	6.5520	0.0227	3.2827	0.0123	3.2950	0.8705	0.0113	0.8819		2,404.2645	2,404.2645	0.0441	0.0556	2,421.9220
Total	**0.8390**	**4.8158**	**7.9795**	**0.0401**	**3.9077**	**0.0372**	**3.9449**	**1.0505**	**0.0351**	**1.0857**		**4,236.9672**	**4,236.9672**	**0.0494**	**0.3329**	**4,337.4014**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1017	4.3624	1.4275	0.0174	0.6251	0.0249	0.6499	0.1800	0.0238	0.2038		1,832.7027	1,832.7027	5.2600e-003	0.2773	1,915.4794
Worker	0.7373	0.4534	6.5520	0.0227	3.2827	0.0123	3.2950	0.8705	0.0113	0.8819		2,404.2645	2,404.2645	0.0441	0.0556	2,421.9220
Total	**0.8390**	**4.8158**	**7.9795**	**0.0401**	**3.9077**	**0.0372**	**3.9449**	**1.0505**	**0.0351**	**1.0857**		**4,236.9672**	**4,236.9672**	**0.0494**	**0.3329**	**4,337.4014**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	3.8496	33.9848	39.6610	0.0738		1.3810	1.3810		1.3141	1.3141		6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.8496**	**33.9848**	**39.6610**	**0.0738**		**1.3810**	**1.3810**		**1.3141**	**1.3141**		**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1007	4.3366	1.4197	0.0170	0.6251	0.0246	0.6497	0.1800	0.0236	0.2036		1,792.9751	1,792.9751	5.1900e-003	0.2713	1,873.9370
Worker	0.6979	0.4185	6.2700	0.0221	3.2827	0.0115	3.2942	0.8705	0.0106	0.8811		2,357.0140	2,357.0140	0.0407	0.0532	2,373.8828
Total	**0.7986**	**4.7551**	**7.6897**	**0.0391**	**3.9077**	**0.0361**	**3.9439**	**1.0505**	**0.0342**	**1.0847**		**4,149.9890**	**4,149.9890**	**0.0459**	**0.3244**	**4,247.8198**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 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	lb/day										lb/day					
Off-Road	3.6024	30.9122	39.9561	0.0738		1.2523	1.2523		1.1968	1.1968	0.0000	6,927.2598	6,927.2598	1.3370		6,960.6835
Total	**3.6024**	**30.9122**	**39.9561**	**0.0738**		**1.2523**	**1.2523**		**1.1968**	**1.1968**	**0.0000**	**6,927.2598**	**6,927.2598**	**1.3370**		**6,960.6835**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1007	4.3366	1.4197	0.0170	0.6251	0.0246	0.6497	0.1800	0.0236	0.2036		1,792.9751	1,792.9751	5.1900e-003	0.2713	1,873.9370
Worker	0.6979	0.4185	6.2700	0.0221	3.2827	0.0115	3.2942	0.8705	0.0106	0.8811		2,357.0140	2,357.0140	0.0407	0.0532	2,373.8828
Total	**0.7986**	**4.7551**	**7.6897**	**0.0391**	**3.9077**	**0.0361**	**3.9439**	**1.0505**	**0.0342**	**1.0847**		**4,149.9890**	**4,149.9890**	**0.0459**	**0.3244**	**4,247.8198**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 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	1.2969	11.9882	19.6540	0.0305		0.5553	0.5553		0.5132	0.5132		2,911.8895	2,911.8895	0.9196		2,934.8789
Paving	0.3539					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6508**	**11.9882**	**19.6540**	**0.0305**		**0.5553**	**0.5553**		**0.5132**	**0.5132**		**2,911.8895**	**2,911.8895**	**0.9196**		**2,934.8789**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0679	0.0407	0.6099	2.1500e-003	0.3193	1.1200e-003	0.3204	0.0847	1.0300e-003	0.0857		229.2815	229.2815	3.9600e-003	5.1700e-003	230.9225
Total	**0.0679**	**0.0407**	**0.6099**	**2.1500e-003**	**0.3193**	**1.1200e-003**	**0.3204**	**0.0847**	**1.0300e-003**	**0.0857**		**229.2815**	**229.2815**	**3.9600e-003**	**5.1700e-003**	**230.9225**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Paving - 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	lb/day										lb/day					
Off-Road	1.1557	10.2324	19.8226	0.0305		0.4818	0.4818		0.4461	0.4461	0.0000	2,911.8895	2,911.8895	0.9196		2,934.8789
Paving	0.3539					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5096**	**10.2324**	**19.8226**	**0.0305**		**0.4818**	**0.4818**		**0.4461**	**0.4461**	**0.0000**	**2,911.8895**	**2,911.8895**	**0.9196**		**2,934.8789**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0679	0.0407	0.6099	2.1500e-003	0.3193	1.1200e-003	0.3204	0.0847	1.0300e-003	0.0857		229.2815	229.2815	3.9600e-003	5.1700e-003	230.9225
Total	**0.0679**	**0.0407**	**0.6099**	**2.1500e-003**	**0.3193**	**1.1200e-003**	**0.3204**	**0.0847**	**1.0300e-003**	**0.0857**		**229.2815**	**229.2815**	**3.9600e-003**	**5.1700e-003**	**230.9225**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 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	22.6191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6834	4.5820	7.2365	0.0119		0.2060	0.2060		0.2060	0.2060		1,125.7922	1,125.7922	0.0614		1,127.3275
Total	**23.3025**	**4.5820**	**7.2365**	**0.0119**		**0.2060**	**0.2060**		**0.2060**	**0.2060**		**1,125.7922**	**1,125.7922**	**0.0614**		**1,127.3275**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1385	0.0830	1.2442	4.3900e-003	0.6514	2.2800e-003	0.6537	0.1728	2.1000e-003	0.1749		467.7343	467.7343	8.0700e-003	0.0106	471.0818
Total	**0.1385**	**0.0830**	**1.2442**	**4.3900e-003**	**0.6514**	**2.2800e-003**	**0.6537**	**0.1728**	**2.1000e-003**	**0.1749**		**467.7343**	**467.7343**	**8.0700e-003**	**0.0106**	**471.0818**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 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	lb/day										lb/day					
Archit. Coating	22.6191					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.6834	4.5820	7.2365	0.0119		0.2060	0.2060		0.2060	0.2060	0.0000	1,125.7922	1,125.7922	0.0614		1,127.3275
Total	**23.3025**	**4.5820**	**7.2365**	**0.0119**		**0.2060**	**0.2060**		**0.2060**	**0.2060**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0614**		**1,127.3275**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1385	0.0830	1.2442	4.3900e-003	0.6514	2.2800e-003	0.6537	0.1728	2.1000e-003	0.1749		467.7343	467.7343	8.0700e-003	0.0106	471.0818
Total	**0.1385**	**0.0830**	**1.2442**	**4.3900e-003**	**0.6514**	**2.2800e-003**	**0.6537**	**0.1728**	**2.1000e-003**	**0.1749**		**467.7343**	**467.7343**	**8.0700e-003**	**0.0106**	**471.0818**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Medical Office Building	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	6.60	59.00	28.00	13.00	92	5	3

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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
Government (Civic Center)	14.70	6.60	6.60	75.00	20.00	5.00	50	34	16
Library	14.70	6.60	6.60	52.00	43.00	5.00	44	44	12
Medical Office Building	14.70	6.60	6.60	29.60	51.40	19.00	60	30	10
University/College (4yr)	14.70	6.60	6.60	6.40	88.60	5.00	91	9	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Government (Civic Center)	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Library	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Medical Office Building	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
University/College (4yr)	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090
Parking Lot	0.481010	0.063732	0.210843	0.143618	0.027861	0.007444	0.017859	0.011483	0.000527	0.000481	0.030170	0.000883	0.004090

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

CSU Placer Center_Phase 1 Const Only - Placer-Sacramento County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Unmitigated	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**		**0.8712**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0348	3.4200e-003	0.3799	3.0000e-005		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003		0.8184	0.8184	2.1100e-003		0.8712
Total	**0.0348**	**3.4200e-003**	**0.3799**	**3.0000e-005**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**		**0.8184**	**0.8184**	**2.1100e-003**		**0.8712**

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 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

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

Phase 2_Const Only

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	17.90	1000sqft	0.41	17,900.00	0
Day-Care Center	10.00	1000sqft	0.23	10,000.00	0
Library	44.25	1000sqft	1.02	44,250.00	0
University/College (4yr)	5,000.00	Student	21.10	76,435.00	0
Parking Lot	2,614.00	Space	23.53	1,045,600.00	0
Health Club	82.28	1000sqft	1.89	82,280.00	0
High Turnover (Sit Down Restaurant)	32.25	1000sqft	0.74	32,250.00	0
Condo/Townhouse	155.00	Dwelling Unit	9.69	43,240.00	443

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2040
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - based on Phase 2 land uses

Construction Phase -

Off-road Equipment - increased default

Off-road Equipment - adjusted up from default

Phase 2_Const Only - Placer-Sacramento County, Annual

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

Off-road Equipment - increased default

Off-road Equipment - added equipment per equipment list

Demolition - 406 parking spaces removed * 400 SF /space= 162,400 SF, based on CalEEmod default space size

Grading -

Vehicle Trips - Run used for Phase 2 construction only

Road Dust - Run used for Phase 2 construction only

Woodstoves - Run used for Phase 2 construction only

Consumer Products - Run used for Phase 2 construction only

Area Coating - Run used for Phase 2 construction only

Landscape Equipment - Run used for Phase 2 construction only

Energy Use - Run used for Phase 2 construction only

Water And Wastewater - Run used for Phase 2 construction only

Solid Waste - Run used for Phase 2 construction only

Area Mitigation - Run used for Phase 2 construction only

Trips and VMT -

Architectural Coating -

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Parking	62736	125472
tblConsumerProducts	ROG_EF	2.14E-05	0

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

tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	2.34	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	7.57	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	17.72	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	68.83	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	80.14	0.00
tblEnergyUse	T24E	1.68	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	5.41	0.00
tblEnergyUse	T24E	1.48	0.00

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

tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	16,185.01	0.00
tblEnergyUse	T24NG	8.96	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.18	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	85.25	0.00
tblFireplaces	NumberNoFireplace	15.50	0.00
tblFireplaces	NumberWood	54.25	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	918,987.34	76,435.00
tblLandUse	LandUseSquareFeet	155,000.00	43,240.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

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

tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	71.30	0.00
tblSolidWaste	SolidWasteGenerationRate	13.00	0.00
tblSolidWaste	SolidWasteGenerationRate	102.03	0.00
tblSolidWaste	SolidWasteGenerationRate	469.00	0.00
tblSolidWaste	SolidWasteGenerationRate	383.78	0.00
tblSolidWaste	SolidWasteGenerationRate	40.75	0.00
tblSolidWaste	SolidWasteGenerationRate	912.50	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	6.22	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	5.84	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	47.62	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	1.56	0.00

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

tblWater	IndoorWaterUseRate	10,098,873.97	0.00
tblWater	IndoorWaterUseRate	428,895.67	0.00
tblWater	IndoorWaterUseRate	3,556,008.38	0.00
tblWater	IndoorWaterUseRate	4,866,297.89	0.00
tblWater	IndoorWaterUseRate	9,788,962.23	0.00
tblWater	IndoorWaterUseRate	1,384,534.20	0.00
tblWater	IndoorWaterUseRate	10,705,500.00	0.00
tblWater	OutdoorWaterUseRate	6,366,681.42	0.00
tblWater	OutdoorWaterUseRate	1,102,874.59	0.00
tblWater	OutdoorWaterUseRate	2,179,489.01	0.00
tblWater	OutdoorWaterUseRate	2,982,569.68	0.00
tblWater	OutdoorWaterUseRate	624,827.38	0.00
tblWater	OutdoorWaterUseRate	2,165,553.49	0.00
tblWater	OutdoorWaterUseRate	16,744,500.00	0.00
tblWoodstoves	NumberCatalytic	7.75	0.00
tblWoodstoves	NumberNoncatalytic	7.75	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2030	0.1230	0.6559	1.0103	2.7900e-003	0.4810	0.0213	0.5022	0.2137	0.0212	0.2350	0.0000	242.0752	242.0752	9.8500e-003	3.0200e-003	243.2216
2031	0.6796	3.5899	6.5479	0.0200	1.7277	0.0802	1.8080	0.6014	0.0799	0.6813	0.0000	1,791.8459	1,791.8459	0.0511	0.0476	1,807.3126
2032	0.6350	4.0399	7.2711	0.0224	1.2328	0.0633	1.2961	0.3322	0.0628	0.3950	0.0000	1,995.5793	1,995.5793	0.0452	0.0813	2,020.9260
2033	0.6214	4.0040	7.1704	0.0221	1.2234	0.0626	1.2860	0.3297	0.0621	0.3918	0.0000	1,964.7229	1,964.7229	0.0444	0.0796	1,989.5440
2034	0.6137	3.9996	7.1308	0.0219	1.2234	0.0624	1.2858	0.3297	0.0619	0.3916	0.0000	1,951.1260	1,951.1260	0.0439	0.0787	1,975.6626
2035	0.7659	3.0118	6.4210	0.0191	0.8646	0.0468	0.9114	0.2329	0.0465	0.2794	0.0000	1,717.9119	1,717.9119	0.0412	0.0537	1,734.9275
2036	1.4843	0.1060	0.3263	7.4000e-004	0.0540	1.4500e-003	0.0554	0.0144	1.4400e-003	0.0158	0.0000	65.5229	65.5229	1.6400e-003	6.6000e-004	65.7591
Maximum	**1.4843**	**4.0399**	**7.2711**	**0.0224**	**1.7277**	**0.0802**	**1.8080**	**0.6014**	**0.0799**	**0.6813**	**0.0000**	**1,995.5793**	**1,995.5793**	**0.0511**	**0.0813**	**2,020.9260**

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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

	ROG	NOx	CO	SO2	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					
2030	0.1230	0.6559	1.0103	2.7900e-003	0.4810	0.0213	0.5022	0.2137	0.0212	0.2350	0.0000	242.0749	242.0749	9.8500e-003	3.0200e-003	243.2213
2031	0.6796	3.5899	6.5479	0.0200	1.7277	0.0802	1.8080	0.6014	0.0799	0.6813	0.0000	1,791.8445	1,791.8445	0.0511	0.0476	1,807.3112
2032	0.6350	4.0399	7.2711	0.0224	1.2328	0.0633	1.2961	0.3322	0.0628	0.3950	0.0000	1,995.5783	1,995.5783	0.0452	0.0813	2,020.9249
2033	0.6214	4.0040	7.1704	0.0221	1.2234	0.0626	1.2860	0.3297	0.0621	0.3918	0.0000	1,964.7219	1,964.7219	0.0444	0.0796	1,989.5429
2034	0.6137	3.9996	7.1308	0.0219	1.2234	0.0624	1.2858	0.3297	0.0619	0.3916	0.0000	1,951.1249	1,951.1249	0.0439	0.0787	1,975.6615
2035	0.7659	3.0118	6.4210	0.0191	0.8646	0.0468	0.9114	0.2329	0.0465	0.2794	0.0000	1,717.9107	1,717.9107	0.0412	0.0537	1,734.9264
2036	1.4843	0.1060	0.3263	7.4000e-004	0.0540	1.4500e-003	0.0554	0.0144	1.4400e-003	0.0158	0.0000	65.5228	65.5228	1.6400e-003	6.6000e-004	65.7590
Maximum	**1.4843**	**4.0399**	**7.2711**	**0.0224**	**1.7277**	**0.0802**	**1.8080**	**0.6014**	**0.0799**	**0.6813**	**0.0000**	**1,995.5783**	**1,995.5783**	**0.0511**	**0.0813**	**2,020.9249**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**8-1-2030**	**10-31-2030**	0.4342	0.4342
2	**11-1-2030**	**1-31-2031**	0.6590	0.6590
3	**2-1-2031**	**4-30-2031**	0.9107	0.9107
4	**5-1-2031**	**7-31-2031**	1.0790	1.0790

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

5	**8-1-2031**	**10-31-2031**	1.1728	1.1728
6	**11-1-2031**	**1-31-2032**	1.1894	1.1894
7	**2-1-2032**	**4-30-2032**	1.1517	1.1517
8	**5-1-2032**	**7-31-2032**	1.1593	1.1593
9	**8-1-2032**	**10-31-2032**	1.1684	1.1684
10	**11-1-2032**	**1-31-2033**	1.1851	1.1851
11	**2-1-2033**	**4-30-2033**	1.1353	1.1353
12	**5-1-2033**	**7-31-2033**	1.1557	1.1557
13	**8-1-2033**	**10-31-2033**	1.1648	1.1648
14	**11-1-2033**	**1-31-2034**	1.1815	1.1815
15	**2-1-2034**	**4-30-2034**	1.1321	1.1321
16	**5-1-2034**	**7-31-2034**	1.1525	1.1525
17	**8-1-2034**	**10-31-2034**	1.1616	1.1616
18	**11-1-2034**	**1-31-2035**	1.1476	1.1476
19	**2-1-2035**	**4-30-2035**	1.0411	1.0411
20	**5-1-2035**	**7-31-2035**	1.0585	1.0585
21	**8-1-2035**	**10-31-2035**	0.7791	0.7791
22	**11-1-2035**	**1-31-2036**	1.0490	1.0490
23	**2-1-2036**	**4-30-2036**	1.0520	1.0520
		Highest	1.1894	1.1894

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**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	8/1/2030	11/6/2030	5	70	
2	Site Preparation	Site Preparation	11/7/2030	1/1/2031	5	40	
3	Grading	Grading	1/2/2031	6/4/2031	5	110	

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

4	Building Construction	Building Construction	6/5/2031	9/5/2035	5	1110	
5	Paving	Paving	9/6/2035	12/19/2035	5	75	
6	Architectural Coating	Architectural Coating	12/20/2035	4/2/2036	5	75	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 550

Acres of Paving: 23.53

Residential Indoor: 87,561; Residential Outdoor: 29,187; Non-Residential Indoor: 394,673; Non-Residential Outdoor: 131,558; Striped Parking Area: 62,736 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	4	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	4	8.00	9	0.56
Paving	Off-Highway Trucks	4	8.00	402	0.38

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

Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	739.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	659.00	231.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	18	45.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	132.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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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 - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0799	0.0000	0.0799	0.0121	0.0000	0.0121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0726	0.3422	0.6621	1.6200e-003		0.0123	0.0123		0.0123	0.0123	0.0000	139.0264	139.0264	5.8700e-003	0.0000	139.1730
Total	**0.0726**	**0.3422**	**0.6621**	**1.6200e-003**	**0.0799**	**0.0123**	**0.0922**	**0.0121**	**0.0123**	**0.0244**	**0.0000**	**139.0264**	**139.0264**	**5.8700e-003**	**0.0000**	**139.1730**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.7000e-004	0.0461	0.0111	1.9000e-004	6.2200e-003	4.1000e-004	6.6300e-003	1.7100e-003	3.9000e-004	2.1100e-003	0.0000	18.3077	18.3077	4.0000e-005	2.8800e-003	19.1660
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	6.7000e-004	0.0116	4.0000e-005	6.4100e-003	2.0000e-005	6.4300e-003	1.7100e-003	2.0000e-005	1.7200e-003	0.0000	4.0346	4.0346	6.0000e-005	9.0000e-005	4.0618
Total	**2.0300e-003**	**0.0468**	**0.0228**	**2.3000e-004**	**0.0126**	**4.3000e-004**	**0.0131**	**3.4200e-003**	**4.1000e-004**	**3.8300e-003**	**0.0000**	**22.3424**	**22.3424**	**1.0000e-004**	**2.9700e-003**	**23.2277**

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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 - 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					
Fugitive Dust					0.0799	0.0000	0.0799	0.0121	0.0000	0.0121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0726	0.3422	0.6621	1.6200e-003		0.0123	0.0123		0.0123	0.0123	0.0000	139.0262	139.0262	5.8700e-003	0.0000	139.1729
Total	**0.0726**	**0.3422**	**0.6621**	**1.6200e-003**	**0.0799**	**0.0123**	**0.0922**	**0.0121**	**0.0123**	**0.0244**	**0.0000**	**139.0262**	**139.0262**	**5.8700e-003**	**0.0000**	**139.1729**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.7000e-004	0.0461	0.0111	1.9000e-004	6.2200e-003	4.1000e-004	6.6300e-003	1.7100e-003	3.9000e-004	2.1100e-003	0.0000	18.3077	18.3077	4.0000e-005	2.8800e-003	19.1660
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	6.7000e-004	0.0116	4.0000e-005	6.4100e-003	2.0000e-005	6.4300e-003	1.7100e-003	2.0000e-005	1.7200e-003	0.0000	4.0346	4.0346	6.0000e-005	9.0000e-005	4.0618
Total	**2.0300e-003**	**0.0468**	**0.0228**	**2.3000e-004**	**0.0126**	**4.3000e-004**	**0.0131**	**3.4200e-003**	**4.1000e-004**	**3.8300e-003**	**0.0000**	**22.3424**	**22.3424**	**1.0000e-004**	**2.9700e-003**	**23.2277**

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

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3841	0.0000	0.3841	0.1971	0.0000	0.1971	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0476	0.2665	0.3177	9.1000e-004		8.5100e-003	8.5100e-003		8.5100e-003	8.5100e-003	0.0000	78.0090	78.0090	3.8500e-003	0.0000	78.1052
Total	**0.0476**	**0.2665**	**0.3177**	**9.1000e-004**	**0.3841**	**8.5100e-003**	**0.3926**	**0.1971**	**8.5100e-003**	**0.2056**	**0.0000**	**78.0090**	**78.0090**	**3.8500e-003**	**0.0000**	**78.1052**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	7.8000e-004	4.5000e-004	7.7800e-003	3.0000e-005	4.2900e-003	1.0000e-005	4.3000e-003	1.1400e-003	1.0000e-005	1.1500e-003	0.0000	2.6974	2.6974	4.0000e-005	6.0000e-005	2.7156
Total	**7.8000e-004**	**4.5000e-004**	**7.7800e-003**	**3.0000e-005**	**4.2900e-003**	**1.0000e-005**	**4.3000e-003**	**1.1400e-003**	**1.0000e-005**	**1.1500e-003**	**0.0000**	**2.6974**	**2.6974**	**4.0000e-005**	**6.0000e-005**	**2.7156**

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

3.3 Site Preparation - 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					
Fugitive Dust					0.3841	0.0000	0.3841	0.1971	0.0000	0.1971	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0476	0.2665	0.3177	9.1000e-004		8.5100e-003	8.5100e-003		8.5100e-003	8.5100e-003	0.0000	78.0089	78.0089	3.8500e-003	0.0000	78.1051
Total	**0.0476**	**0.2665**	**0.3177**	**9.1000e-004**	**0.3841**	**8.5100e-003**	**0.3926**	**0.1971**	**8.5100e-003**	**0.2056**	**0.0000**	**78.0089**	**78.0089**	**3.8500e-003**	**0.0000**	**78.1051**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	7.8000e-004	4.5000e-004	7.7800e-003	3.0000e-005	4.2900e-003	1.0000e-005	4.3000e-003	1.1400e-003	1.0000e-005	1.1500e-003	0.0000	2.6974	2.6974	4.0000e-005	6.0000e-005	2.7156
Total	**7.8000e-004**	**4.5000e-004**	**7.7800e-003**	**3.0000e-005**	**4.2900e-003**	**1.0000e-005**	**4.3000e-003**	**1.1400e-003**	**1.0000e-005**	**1.1500e-003**	**0.0000**	**2.6974**	**2.6974**	**4.0000e-005**	**6.0000e-005**	**2.7156**

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

3.3 Site Preparation - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0409	0.0000	0.0409	8.4000e-003	0.0000	8.4000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2200e-003	6.8300e-003	8.1500e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	2.0002	2.0002	1.0000e-004	0.0000	2.0027
Total	**1.2200e-003**	**6.8300e-003**	**8.1500e-003**	**2.0000e-005**	**0.0409**	**2.2000e-004**	**0.0411**	**8.4000e-003**	**2.2000e-004**	**8.6200e-003**	**0.0000**	**2.0002**	**2.0002**	**1.0000e-004**	**0.0000**	**2.0027**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.0000e-005	1.0000e-005	1.9000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0678	0.0678	0.0000	0.0000	0.0682
Total	**2.0000e-005**	**1.0000e-005**	**1.9000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**1.1000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0678**	**0.0678**	**0.0000**	**0.0000**	**0.0682**

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

3.3 Site Preparation - 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					
Fugitive Dust					0.0409	0.0000	0.0409	8.4000e-003	0.0000	8.4000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2200e-003	6.8300e-003	8.1500e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	2.0002	2.0002	1.0000e-004	0.0000	2.0027
Total	**1.2200e-003**	**6.8300e-003**	**8.1500e-003**	**2.0000e-005**	**0.0409**	**2.2000e-004**	**0.0411**	**8.4000e-003**	**2.2000e-004**	**8.6200e-003**	**0.0000**	**2.0002**	**2.0002**	**1.0000e-004**	**0.0000**	**2.0027**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.0000e-005	1.0000e-005	1.9000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0678	0.0678	0.0000	0.0000	0.0682
Total	**2.0000e-005**	**1.0000e-005**	**1.9000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**1.1000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0678**	**0.0678**	**0.0000**	**0.0000**	**0.0682**

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

3.4 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9541	0.0000	0.9541	0.3956	0.0000	0.3956	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3045	1.2636	2.2987	6.8800e-003		0.0436	0.0436		0.0436	0.0436	0.0000	620.2879	620.2879	0.0245	0.0000	620.9010
Total	**0.3045**	**1.2636**	**2.2987**	**6.8800e-003**	**0.9541**	**0.0436**	**0.9976**	**0.3956**	**0.0436**	**0.4392**	**0.0000**	**620.2879**	**620.2879**	**0.0245**	**0.0000**	**620.9010**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	4.5700e-003	2.6400e-003	0.0472	1.8000e-004	0.0269	8.0000e-005	0.0269	7.1500e-003	7.0000e-005	7.2200e-003	0.0000	16.5642	16.5642	2.4000e-004	3.5000e-004	16.6744
Total	**4.5700e-003**	**2.6400e-003**	**0.0472**	**1.8000e-004**	**0.0269**	**8.0000e-005**	**0.0269**	**7.1500e-003**	**7.0000e-005**	**7.2200e-003**	**0.0000**	**16.5642**	**16.5642**	**2.4000e-004**	**3.5000e-004**	**16.6744**

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

3.4 Grading - 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					
Fugitive Dust					0.9541	0.0000	0.9541	0.3956	0.0000	0.3956	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3045	1.2636	2.2987	6.8800e-003		0.0436	0.0436		0.0436	0.0436	0.0000	620.2872	620.2872	0.0245	0.0000	620.9002
Total	**0.3045**	**1.2636**	**2.2987**	**6.8800e-003**	**0.9541**	**0.0436**	**0.9976**	**0.3956**	**0.0436**	**0.4392**	**0.0000**	**620.2872**	**620.2872**	**0.0245**	**0.0000**	**620.9002**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	4.5700e-003	2.6400e-003	0.0472	1.8000e-004	0.0269	8.0000e-005	0.0269	7.1500e-003	7.0000e-005	7.2200e-003	0.0000	16.5642	16.5642	2.4000e-004	3.5000e-004	16.6744
Total	**4.5700e-003**	**2.6400e-003**	**0.0472**	**1.8000e-004**	**0.0269**	**8.0000e-005**	**0.0269**	**7.1500e-003**	**7.0000e-005**	**7.2200e-003**	**0.0000**	**16.5642**	**16.5642**	**2.4000e-004**	**3.5000e-004**	**16.6744**

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

3.5 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	0.2490	1.5478	2.9003	6.1600e-003		0.0305	0.0305		0.0305	0.0305	0.0000	520.1436	520.1436	0.0201	0.0000	520.6468
Total	**0.2490**	**1.5478**	**2.9003**	**6.1600e-003**		**0.0305**	**0.0305**		**0.0305**	**0.0305**	**0.0000**	**520.1436**	**520.1436**	**0.0201**	**0.0000**	**520.6468**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0176	0.7098	0.2337	2.7200e-003	0.1023	4.0800e-003	0.1064	0.0296	3.9100e-003	0.0335	0.0000	260.6530	260.6530	8.1000e-004	0.0394	272.4140
Worker	0.1027	0.0593	1.0597	4.0600e-003	0.6035	1.7700e-003	0.6053	0.1606	1.6300e-003	0.1622	0.0000	372.1293	372.1293	5.2900e-003	7.8700e-003	374.6055
Total	**0.1202**	**0.7691**	**1.2934**	**6.7800e-003**	**0.7058**	**5.8500e-003**	**0.7117**	**0.1902**	**5.5400e-003**	**0.1958**	**0.0000**	**632.7822**	**632.7822**	**6.1000e-003**	**0.0473**	**647.0195**

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

3.5 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	0.2490	1.5478	2.9003	6.1600e-003		0.0305	0.0305		0.0305	0.0305	0.0000	520.1430	520.1430	0.0201	0.0000	520.6462
Total	**0.2490**	**1.5478**	**2.9003**	**6.1600e-003**		**0.0305**	**0.0305**		**0.0305**	**0.0305**	**0.0000**	**520.1430**	**520.1430**	**0.0201**	**0.0000**	**520.6462**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0176	0.7098	0.2337	2.7200e-003	0.1023	4.0800e-003	0.1064	0.0296	3.9100e-003	0.0335	0.0000	260.6530	260.6530	8.1000e-004	0.0394	272.4140
Worker	0.1027	0.0593	1.0597	4.0600e-003	0.6035	1.7700e-003	0.6053	0.1606	1.6300e-003	0.1622	0.0000	372.1293	372.1293	5.2900e-003	7.8700e-003	374.6055
Total	**0.1202**	**0.7691**	**1.2934**	**6.7800e-003**	**0.7058**	**5.8500e-003**	**0.7117**	**0.1902**	**5.5400e-003**	**0.1958**	**0.0000**	**632.7822**	**632.7822**	**6.1000e-003**	**0.0473**	**647.0195**

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

3.5 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	0.4350	2.7035	5.0658	0.0108		0.0533	0.0533		0.0533	0.0533	0.0000	908.5175	908.5175	0.0352	0.0000	909.3965
Total	**0.4350**	**2.7035**	**5.0658**	**0.0108**		**0.0533**	**0.0533**		**0.0533**	**0.0533**	**0.0000**	**908.5175**	**908.5175**	**0.0352**	**0.0000**	**909.3965**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0306	1.2382	0.4079	4.6800e-003	0.1787	7.1000e-003	0.1858	0.0518	6.7900e-003	0.0585	0.0000	448.8799	448.8799	1.4100e-003	0.0678	469.1326
Worker	0.1694	0.0982	1.7974	6.9600e-003	1.0541	2.9000e-003	1.0570	0.2805	2.6700e-003	0.2832	0.0000	638.1819	638.1819	8.6500e-003	0.0134	642.3969
Total	**0.2000**	**1.3364**	**2.2053**	**0.0116**	**1.2328**	**0.0100**	**1.2428**	**0.3322**	**9.4600e-003**	**0.3417**	**0.0000**	**1,087.0618**	**1,087.0618**	**0.0101**	**0.0813**	**1,111.5295**

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

3.5 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	0.4350	2.7035	5.0658	0.0108		0.0533	0.0533		0.0533	0.0533	0.0000	908.5164	908.5164	0.0352	0.0000	909.3954
Total	**0.4350**	**2.7035**	**5.0658**	**0.0108**		**0.0533**	**0.0533**		**0.0533**	**0.0533**	**0.0000**	**908.5164**	**908.5164**	**0.0352**	**0.0000**	**909.3954**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0306	1.2382	0.4079	4.6800e-003	0.1787	7.1000e-003	0.1858	0.0518	6.7900e-003	0.0585	0.0000	448.8799	448.8799	1.4100e-003	0.0678	469.1326
Worker	0.1694	0.0982	1.7974	6.9600e-003	1.0541	2.9000e-003	1.0570	0.2805	2.6700e-003	0.2832	0.0000	638.1819	638.1819	8.6500e-003	0.0134	642.3969
Total	**0.2000**	**1.3364**	**2.2053**	**0.0116**	**1.2328**	**0.0100**	**1.2428**	**0.3322**	**9.4600e-003**	**0.3417**	**0.0000**	**1,087.0618**	**1,087.0618**	**0.0101**	**0.0813**	**1,111.5295**

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

3.5 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	0.4317	2.6828	5.0271	0.0107		0.0529	0.0529		0.0529	0.0529	0.0000	901.5823	901.5823	0.0349	0.0000	902.4545
Total	**0.4317**	**2.6828**	**5.0271**	**0.0107**		**0.0529**	**0.0529**		**0.0529**	**0.0529**	**0.0000**	**901.5823**	**901.5823**	**0.0349**	**0.0000**	**902.4545**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0303	1.2280	0.4049	4.5900e-003	0.1774	7.0200e-003	0.1844	0.0514	6.7100e-003	0.0581	0.0000	440.0437	440.0437	1.3900e-003	0.0665	459.8981
Worker	0.1595	0.0932	1.7384	6.7900e-003	1.0460	2.7000e-003	1.0487	0.2784	2.4800e-003	0.2808	0.0000	623.0970	623.0970	8.0700e-003	0.0131	627.1913
Total	**0.1897**	**1.3212**	**2.1433**	**0.0114**	**1.2234**	**9.7200e-003**	**1.2331**	**0.3297**	**9.1900e-003**	**0.3389**	**0.0000**	**1,063.1407**	**1,063.1407**	**9.4600e-003**	**0.0796**	**1,087.0895**

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

3.5 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	0.4317	2.6828	5.0271	0.0107		0.0529	0.0529		0.0529	0.0529	0.0000	901.5812	901.5812	0.0349	0.0000	902.4535
Total	**0.4317**	**2.6828**	**5.0271**	**0.0107**		**0.0529**	**0.0529**		**0.0529**	**0.0529**	**0.0000**	**901.5812**	**901.5812**	**0.0349**	**0.0000**	**902.4535**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0303	1.2280	0.4049	4.5900e-003	0.1774	7.0200e-003	0.1844	0.0514	6.7100e-003	0.0581	0.0000	440.0437	440.0437	1.3900e-003	0.0665	459.8981
Worker	0.1595	0.0932	1.7384	6.7900e-003	1.0460	2.7000e-003	1.0487	0.2784	2.4800e-003	0.2808	0.0000	623.0970	623.0970	8.0700e-003	0.0131	627.1913
Total	**0.1897**	**1.3212**	**2.1433**	**0.0114**	**1.2234**	**9.7200e-003**	**1.2331**	**0.3297**	**9.1900e-003**	**0.3389**	**0.0000**	**1,063.1407**	**1,063.1407**	**9.4600e-003**	**0.0796**	**1,087.0895**

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

3.5 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	0.4317	2.6828	5.0271	0.0107		0.0529	0.0529		0.0529	0.0529	0.0000	901.5823	901.5823	0.0349	0.0000	902.4545
Total	**0.4317**	**2.6828**	**5.0271**	**0.0107**		**0.0529**	**0.0529**		**0.0529**	**0.0529**	**0.0000**	**901.5823**	**901.5823**	**0.0349**	**0.0000**	**902.4545**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0302	1.2270	0.4051	4.5400e-003	0.1774	6.9900e-003	0.1844	0.0514	6.6900e-003	0.0580	0.0000	435.3206	435.3206	1.3900e-003	0.0658	454.9631
Worker	0.1518	0.0898	1.6985	6.7000e-003	1.0460	2.5400e-003	1.0486	0.2784	2.3300e-003	0.2807	0.0000	614.2231	614.2231	7.6100e-003	0.0129	618.2449
Total	**0.1821**	**1.3168**	**2.1037**	**0.0112**	**1.2234**	**9.5300e-003**	**1.2329**	**0.3297**	**9.0200e-003**	**0.3387**	**0.0000**	**1,049.5437**	**1,049.5437**	**9.0000e-003**	**0.0787**	**1,073.2080**

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

3.5 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	0.4317	2.6828	5.0271	0.0107		0.0529	0.0529		0.0529	0.0529	0.0000	901.5812	901.5812	0.0349	0.0000	902.4535
Total	**0.4317**	**2.6828**	**5.0271**	**0.0107**		**0.0529**	**0.0529**		**0.0529**	**0.0529**	**0.0000**	**901.5812**	**901.5812**	**0.0349**	**0.0000**	**902.4535**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0302	1.2270	0.4051	4.5400e-003	0.1774	6.9900e-003	0.1844	0.0514	6.6900e-003	0.0580	0.0000	435.3206	435.3206	1.3900e-003	0.0658	454.9631
Worker	0.1518	0.0898	1.6985	6.7000e-003	1.0460	2.5400e-003	1.0486	0.2784	2.3300e-003	0.2807	0.0000	614.2231	614.2231	7.6100e-003	0.0129	618.2449
Total	**0.1821**	**1.3168**	**2.1037**	**0.0112**	**1.2234**	**9.5300e-003**	**1.2329**	**0.3297**	**9.0200e-003**	**0.3387**	**0.0000**	**1,049.5437**	**1,049.5437**	**9.0000e-003**	**0.0787**	**1,073.2080**

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

3.5 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	0.2700	1.6155	3.4312	7.3100e-003		0.0207	0.0207		0.0207	0.0207	0.0000	617.2371	617.2371	0.0218	0.0000	617.7811
Total	**0.2700**	**1.6155**	**3.4312**	**7.3100e-003**		**0.0207**	**0.0207**		**0.0207**	**0.0207**	**0.0000**	**617.2371**	**617.2371**	**0.0218**	**0.0000**	**617.7811**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0207	0.8391	0.2775	3.0800e-003	0.1214	4.7600e-003	0.1262	0.0352	4.5600e-003	0.0397	0.0000	295.2213	295.2213	9.5000e-004	0.0446	308.5436
Worker	0.0992	0.0596	1.1393	4.5300e-003	0.7161	1.6400e-003	0.7178	0.1906	1.5100e-003	0.1921	0.0000	415.2691	415.2691	4.9400e-003	8.6900e-003	417.9825
Total	**0.1199**	**0.8987**	**1.4168**	**7.6100e-003**	**0.8376**	**6.4000e-003**	**0.8440**	**0.2257**	**6.0700e-003**	**0.2318**	**0.0000**	**710.4904**	**710.4904**	**5.8900e-003**	**0.0533**	**726.5261**

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

3.5 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	0.2700	1.6155	3.4312	7.3100e-003		0.0207	0.0207		0.0207	0.0207	0.0000	617.2364	617.2364	0.0218	0.0000	617.7803
Total	**0.2700**	**1.6155**	**3.4312**	**7.3100e-003**		**0.0207**	**0.0207**		**0.0207**	**0.0207**	**0.0000**	**617.2364**	**617.2364**	**0.0218**	**0.0000**	**617.7803**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0207	0.8391	0.2775	3.0800e-003	0.1214	4.7600e-003	0.1262	0.0352	4.5600e-003	0.0397	0.0000	295.2213	295.2213	9.5000e-004	0.0446	308.5436
Worker	0.0992	0.0596	1.1393	4.5300e-003	0.7161	1.6400e-003	0.7178	0.1906	1.5100e-003	0.1921	0.0000	415.2691	415.2691	4.9400e-003	8.6900e-003	417.9825
Total	**0.1199**	**0.8987**	**1.4168**	**7.6100e-003**	**0.8376**	**6.4000e-003**	**0.8440**	**0.2257**	**6.0700e-003**	**0.2318**	**0.0000**	**710.4904**	**710.4904**	**5.8900e-003**	**0.0533**	**726.5261**

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

3.6 Paving - 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	0.1652	0.4833	1.5013	3.9300e-003		0.0195	0.0195		0.0195	0.0195	0.0000	370.4127	370.4127	0.0132	0.0000	370.7424
Paving	0.0308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1960**	**0.4833**	**1.5013**	**3.9300e-003**		**0.0195**	**0.0195**		**0.0195**	**0.0195**	**0.0000**	**370.4127**	**370.4127**	**0.0132**	**0.0000**	**370.7424**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.8500e-003	1.7100e-003	0.0328	1.3000e-004	0.0206	5.0000e-005	0.0207	5.4800e-003	4.0000e-005	5.5300e-003	0.0000	11.9481	11.9481	1.4000e-004	2.5000e-004	12.0262
Total	**2.8500e-003**	**1.7100e-003**	**0.0328**	**1.3000e-004**	**0.0206**	**5.0000e-005**	**0.0207**	**5.4800e-003**	**4.0000e-005**	**5.5300e-003**	**0.0000**	**11.9481**	**11.9481**	**1.4000e-004**	**2.5000e-004**	**12.0262**

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

3.6 Paving - 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	0.1652	0.4833	1.5013	3.9300e-003		0.0195	0.0195		0.0195	0.0195	0.0000	370.4123	370.4123	0.0132	0.0000	370.7420
Paving	0.0308					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1960**	**0.4833**	**1.5013**	**3.9300e-003**		**0.0195**	**0.0195**		**0.0195**	**0.0195**	**0.0000**	**370.4123**	**370.4123**	**0.0132**	**0.0000**	**370.7420**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.8500e-003	1.7100e-003	0.0328	1.3000e-004	0.0206	5.0000e-005	0.0207	5.4800e-003	4.0000e-005	5.5300e-003	0.0000	11.9481	11.9481	1.4000e-004	2.5000e-004	12.0262
Total	**2.8500e-003**	**1.7100e-003**	**0.0328**	**1.3000e-004**	**0.0206**	**5.0000e-005**	**0.0207**	**5.4800e-003**	**4.0000e-005**	**5.5300e-003**	**0.0000**	**11.9481**	**11.9481**	**1.4000e-004**	**2.5000e-004**	**12.0262**

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

3.7 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	0.1745					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8900e-003	0.0121	0.0287	5.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	4.0852	4.0852	1.5000e-004	0.0000	4.0890
Total	**0.1763**	**0.0121**	**0.0287**	**5.0000e-005**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**4.0852**	**4.0852**	**1.5000e-004**	**0.0000**	**4.0890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	5.4000e-004	0.0103	4.0000e-005	6.4500e-003	1.0000e-005	6.4600e-003	1.7200e-003	1.0000e-005	1.7300e-003	0.0000	3.7384	3.7384	4.0000e-005	8.0000e-005	3.7629
Total	**8.9000e-004**	**5.4000e-004**	**0.0103**	**4.0000e-005**	**6.4500e-003**	**1.0000e-005**	**6.4600e-003**	**1.7200e-003**	**1.0000e-005**	**1.7300e-003**	**0.0000**	**3.7384**	**3.7384**	**4.0000e-005**	**8.0000e-005**	**3.7629**

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

3.7 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	0.1745					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8900e-003	0.0121	0.0287	5.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	4.0852	4.0852	1.5000e-004	0.0000	4.0890
Total	**0.1763**	**0.0121**	**0.0287**	**5.0000e-005**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**4.0852**	**4.0852**	**1.5000e-004**	**0.0000**	**4.0890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	5.4000e-004	0.0103	4.0000e-005	6.4500e-003	1.0000e-005	6.4600e-003	1.7200e-003	1.0000e-005	1.7300e-003	0.0000	3.7384	3.7384	4.0000e-005	8.0000e-005	3.7629
Total	**8.9000e-004**	**5.4000e-004**	**0.0103**	**4.0000e-005**	**6.4500e-003**	**1.0000e-005**	**6.4600e-003**	**1.7200e-003**	**1.0000e-005**	**1.7300e-003**	**0.0000**	**3.7384**	**3.7384**	**4.0000e-005**	**8.0000e-005**	**3.7629**

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

3.7 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	1.4610					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0158	0.1015	0.2404	4.0000e-004		1.3300e-003	1.3300e-003		1.3300e-003	1.3300e-003	0.0000	34.2136	34.2136	1.2600e-003	0.0000	34.2452
Total	**1.4768**	**0.1015**	**0.2404**	**4.0000e-004**		**1.3300e-003**	**1.3300e-003**		**1.3300e-003**	**1.3300e-003**	**0.0000**	**34.2136**	**34.2136**	**1.2600e-003**	**0.0000**	**34.2452**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	7.4800e-003	4.4900e-003	0.0859	3.4000e-004	0.0540	1.2000e-004	0.0541	0.0144	1.1000e-004	0.0145	0.0000	31.3093	31.3093	3.7000e-004	6.6000e-004	31.5139
Total	**7.4800e-003**	**4.4900e-003**	**0.0859**	**3.4000e-004**	**0.0540**	**1.2000e-004**	**0.0541**	**0.0144**	**1.1000e-004**	**0.0145**	**0.0000**	**31.3093**	**31.3093**	**3.7000e-004**	**6.6000e-004**	**31.5139**

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

3.7 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	1.4610					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0158	0.1015	0.2404	4.0000e-004		1.3300e-003	1.3300e-003		1.3300e-003	1.3300e-003	0.0000	34.2136	34.2136	1.2600e-003	0.0000	34.2452
Total	**1.4768**	**0.1015**	**0.2404**	**4.0000e-004**		**1.3300e-003**	**1.3300e-003**		**1.3300e-003**	**1.3300e-003**	**0.0000**	**34.2136**	**34.2136**	**1.2600e-003**	**0.0000**	**34.2452**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	7.4800e-003	4.4900e-003	0.0859	3.4000e-004	0.0540	1.2000e-004	0.0541	0.0144	1.1000e-004	0.0145	0.0000	31.3093	31.3093	3.7000e-004	6.6000e-004	31.5139
Total	**7.4800e-003**	**4.4900e-003**	**0.0859**	**3.4000e-004**	**0.0540**	**1.2000e-004**	**0.0541**	**0.0144**	**1.1000e-004**	**0.0145**	**0.0000**	**31.3093**	**31.3093**	**3.7000e-004**	**6.6000e-004**	**31.5139**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	0.00	0.00	0.00		
Day-Care Center	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

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
Condo/Townhouse	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
Day-Care Center	14.70	6.60	6.60	12.70	82.30	5.00	28	58	14
Government (Civic Center)	14.70	6.60	6.60	75.00	20.00	5.00	50	34	16
Health Club	14.70	6.60	6.60	16.90	64.10	19.00	52	39	9
High Turnover (Sit Down	14.70	6.60	6.60	8.50	72.50	19.00	37	20	43
Library	14.70	6.60	6.60	52.00	43.00	5.00	44	44	12
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
University/College (4yr)	14.70	6.60	6.60	6.40	88.60	5.00	91	9	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Day-Care Center	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Government (Civic Center)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Health Club	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
High Turnover (Sit Down Restaurant)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Library	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Parking Lot	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
University/College (4yr)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Phase 2_Const Only - Placer-Sacramento County, Annual

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

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

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

Phase 2_Const Only - Placer-Sacramento County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Phase 2_Const Only - Placer-Sacramento County, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

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

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

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

Phase 2_Const Only

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	17.90	1000sqft	0.41	17,900.00	0
Day-Care Center	10.00	1000sqft	0.23	10,000.00	0
Library	44.25	1000sqft	1.02	44,250.00	0
University/College (4yr)	5,000.00	Student	21.10	76,435.00	0
Parking Lot	2,614.00	Space	23.53	1,045,600.00	0
Health Club	82.28	1000sqft	1.89	82,280.00	0
High Turnover (Sit Down Restaurant)	32.25	1000sqft	0.74	32,250.00	0
Condo/Townhouse	155.00	Dwelling Unit	9.69	43,240.00	443

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2040
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - based on Phase 2 land uses

Construction Phase -

Off-road Equipment - increased default

Off-road Equipment - adjusted up from default

Phase 2_Const Only - Placer-Sacramento County, Summer

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

Off-road Equipment - increased default

Off-road Equipment - added equipment per equipment list

Demolition - 406 parking spaces removed * 400 SF /space= 162,400 SF, based on CalEEmod default space size

Grading -

Vehicle Trips - Run used for Phase 2 construction only

Road Dust - Run used for Phase 2 construction only

Woodstoves - Run used for Phase 2 construction only

Consumer Products - Run used for Phase 2 construction only

Area Coating - Run used for Phase 2 construction only

Landscape Equipment - Run used for Phase 2 construction only

Energy Use - Run used for Phase 2 construction only

Water And Wastewater - Run used for Phase 2 construction only

Solid Waste - Run used for Phase 2 construction only

Area Mitigation - Run used for Phase 2 construction only

Trips and VMT -

Architectural Coating -

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Parking	62736	125472
tblConsumerProducts	ROG_EF	2.14E-05	0

Phase 2_Const Only - Placer-Sacramento County, Summer

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

tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	2.34	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	7.57	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	17.72	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	68.83	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	80.14	0.00
tblEnergyUse	T24E	1.68	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	5.41	0.00
tblEnergyUse	T24E	1.48	0.00

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

tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	16,185.01	0.00
tblEnergyUse	T24NG	8.96	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.18	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	85.25	0.00
tblFireplaces	NumberNoFireplace	15.50	0.00
tblFireplaces	NumberWood	54.25	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	918,987.34	76,435.00
tblLandUse	LandUseSquareFeet	155,000.00	43,240.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

Phase 2_Const Only - Placer-Sacramento County, Summer

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

tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	71.30	0.00
tblSolidWaste	SolidWasteGenerationRate	13.00	0.00
tblSolidWaste	SolidWasteGenerationRate	102.03	0.00
tblSolidWaste	SolidWasteGenerationRate	469.00	0.00
tblSolidWaste	SolidWasteGenerationRate	383.78	0.00
tblSolidWaste	SolidWasteGenerationRate	40.75	0.00
tblSolidWaste	SolidWasteGenerationRate	912.50	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	6.22	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	5.84	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	47.62	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	1.56	0.00

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

tblWater	IndoorWaterUseRate	10,098,873.97	0.00
tblWater	IndoorWaterUseRate	428,895.67	0.00
tblWater	IndoorWaterUseRate	3,556,008.38	0.00
tblWater	IndoorWaterUseRate	4,866,297.89	0.00
tblWater	IndoorWaterUseRate	9,788,962.23	0.00
tblWater	IndoorWaterUseRate	1,384,534.20	0.00
tblWater	IndoorWaterUseRate	10,705,500.00	0.00
tblWater	OutdoorWaterUseRate	6,366,681.42	0.00
tblWater	OutdoorWaterUseRate	1,102,874.59	0.00
tblWater	OutdoorWaterUseRate	2,179,489.01	0.00
tblWater	OutdoorWaterUseRate	2,982,569.68	0.00
tblWater	OutdoorWaterUseRate	624,827.38	0.00
tblWater	OutdoorWaterUseRate	2,165,553.49	0.00
tblWater	OutdoorWaterUseRate	16,744,500.00	0.00
tblWoodstoves	NumberCatalytic	7.75	0.00
tblWoodstoves	NumberNoncatalytic	7.75	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Phase 2_Const Only - Placer-Sacramento County, Summer

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)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	2.4837	13.6884	19.6151	0.0530	19.8869	0.4374	20.3243	10.1634	0.4373	10.6007	0.0000	5,092.7588	5,092.7588	0.2198	0.0931	5,125.1815
2031	5.6274	30.3473	58.0286	0.1771	19.8869	0.7937	20.3242	10.1634	0.7935	10.6007	0.0000	17,410.0353	17,410.0353	0.4959	0.6853	17,623.7862
2032	4.9840	30.2998	57.5650	0.1756	9.8329	0.4831	10.3160	2.6398	0.4790	3.1188	0.0000	17,248.7287	17,248.7287	0.3766	0.6747	17,459.1899
2033	4.9095	30.2651	57.1734	0.1742	9.8329	0.4815	10.3144	2.6398	0.4776	3.1174	0.0000	17,109.1681	17,109.1681	0.3724	0.6658	17,316.8753
2034	4.8430	30.2342	56.8307	0.1730	9.8329	0.4801	10.3129	2.6398	0.4762	3.1160	0.0000	16,987.7432	16,987.7432	0.3687	0.6581	17,193.0885
2035	44.3291	27.7196	56.4178	0.1720	9.8329	0.5201	10.1375	2.6398	0.5200	2.9407	0.0000	16,882.8516	16,882.8516	0.3915	0.6517	17,085.5323
2036	44.3291	3.1505	10.1407	0.0230	1.6860	0.0433	1.7294	0.4471	0.0430	0.4901	0.0000	2,244.6363	2,244.6363	0.0531	0.0200	2,251.9213
Maximum	**44.3291**	**30.3473**	**58.0286**	**0.1771**	**19.8869**	**0.7937**	**20.3243**	**10.1634**	**0.7935**	**10.6007**	**0.0000**	**17,410.0353**	**17,410.0353**	**0.4959**	**0.6853**	**17,623.7862**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

	ROG	NOx	CO	SO2	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					
2030	2.4837	13.6884	19.6151	0.0530	19.8869	0.4374	20.3243	10.1634	0.4373	10.6007	0.0000	5,092.7588	5,092.7588	0.2198	0.0931	5,125.1815
2031	5.6274	30.3473	58.0286	0.1771	19.8869	0.7937	20.3242	10.1634	0.7935	10.6007	0.0000	17,410.0353	17,410.0353	0.4959	0.6853	17,623.7862
2032	4.9840	30.2998	57.5650	0.1756	9.8329	0.4831	10.3160	2.6398	0.4790	3.1188	0.0000	17,248.7287	17,248.7287	0.3766	0.6747	17,459.1899
2033	4.9095	30.2651	57.1734	0.1742	9.8329	0.4815	10.3144	2.6398	0.4776	3.1174	0.0000	17,109.1681	17,109.1681	0.3724	0.6658	17,316.8753
2034	4.8430	30.2342	56.8307	0.1730	9.8329	0.4801	10.3129	2.6398	0.4762	3.1160	0.0000	16,987.7432	16,987.7432	0.3687	0.6581	17,193.0885
2035	44.3291	27.7196	56.4178	0.1720	9.8329	0.5201	10.1375	2.6398	0.5200	2.9407	0.0000	16,882.8516	16,882.8516	0.3915	0.6517	17,085.5323
2036	44.3291	3.1505	10.1407	0.0230	1.6860	0.0433	1.7294	0.4471	0.0430	0.4901	0.0000	2,244.6363	2,244.6363	0.0531	0.0200	2,251.9213
Maximum	**44.3291**	**30.3473**	**58.0286**	**0.1771**	**19.8869**	**0.7937**	**20.3243**	**10.1634**	**0.7935**	**10.6007**	**0.0000**	**17,410.0353**	**17,410.0353**	**0.4959**	**0.6853**	**17,623.7862**

	ROG	NOx	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**

Phase 2_Const Only - Placer-Sacramento 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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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	8/1/2030	11/6/2030	5	70	
2	Site Preparation	Site Preparation	11/7/2030	1/1/2031	5	40	
3	Grading	Grading	1/2/2031	6/4/2031	5	110	
4	Building Construction	Building Construction	6/5/2031	9/5/2035	5	1110	
5	Paving	Paving	9/6/2035	12/19/2035	5	75	
6	Architectural Coating	Architectural Coating	12/20/2035	4/2/2036	5	75	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 550

Acres of Paving: 23.53

Residential Indoor: 87,561; Residential Outdoor: 29,187; Non-Residential Indoor: 394,673; Non-Residential Outdoor: 131,558; Striped Parking Area: 62,736 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

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

Grading	Excavators	4	8.00	158	0.38
Grading	Graders	4	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	4	8.00	9	0.56
Paving	Off-Highway Trucks	4	8.00	402	0.38
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	739.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	659.00	231.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	18	45.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	132.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.2837	0.0000	2.2837	0.3458	0.0000	0.3458			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	**2.0746**	**9.7770**	**18.9168**	**0.0462**	**2.2837**	**0.3511**	**2.6348**	**0.3458**	**0.3511**	**0.6969**		**4,378.5819**	**4,378.5819**	**0.1847**		**4,383.2000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0257	1.2513	0.3152	5.4400e-003	0.1848	0.0117	0.1965	0.0507	0.0112	0.0619		576.2125	576.2125	1.2000e-003	0.0906	603.2252
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0170	0.3831	1.3600e-003	0.1916	5.8000e-004	0.1922	0.0508	5.3000e-004	0.0513		137.9645	137.9645	1.8000e-003	2.5100e-003	138.7563
Total	**0.0622**	**1.2683**	**0.6984**	**6.8000e-003**	**0.3764**	**0.0123**	**0.3887**	**0.1015**	**0.0118**	**0.1132**		**714.1769**	**714.1769**	**3.0000e-003**	**0.0931**	**741.9815**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					2.2837	0.0000	2.2837	0.3458	0.0000	0.3458			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	**2.0746**	**9.7770**	**18.9168**	**0.0462**	**2.2837**	**0.3511**	**2.6348**	**0.3458**	**0.3511**	**0.6969**	**0.0000**	**4,378.5819**	**4,378.5819**	**0.1847**		**4,383.2000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0257	1.2513	0.3152	5.4400e-003	0.1848	0.0117	0.1965	0.0507	0.0112	0.0619		576.2125	576.2125	1.2000e-003	0.0906	603.2252
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0170	0.3831	1.3600e-003	0.1916	5.8000e-004	0.1922	0.0508	5.3000e-004	0.0513		137.9645	137.9645	1.8000e-003	2.5100e-003	138.7563
Total	**0.0622**	**1.2683**	**0.6984**	**6.8000e-003**	**0.3764**	**0.0123**	**0.3887**	**0.1015**	**0.0118**	**0.1132**		**714.1769**	**714.1769**	**3.0000e-003**	**0.0931**	**741.9815**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367		4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**		**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0437	0.0204	0.4598	1.6400e-003	0.2299	6.9000e-004	0.2306	0.0610	6.4000e-004	0.0616		165.5573	165.5573	2.1500e-003	3.0100e-003	166.5075
Total	**0.0437**	**0.0204**	**0.4598**	**1.6400e-003**	**0.2299**	**6.9000e-004**	**0.2306**	**0.0610**	**6.4000e-004**	**0.0616**		**165.5573**	**165.5573**	**2.1500e-003**	**3.0100e-003**	**166.5075**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0437	0.0204	0.4598	1.6400e-003	0.2299	6.9000e-004	0.2306	0.0610	6.4000e-004	0.0616		165.5573	165.5573	2.1500e-003	3.0100e-003	166.5075
Total	**0.0437**	**0.0204**	**0.4598**	**1.6400e-003**	**0.2299**	**6.9000e-004**	**0.2306**	**0.0610**	**6.4000e-004**	**0.0616**		**165.5573**	**165.5573**	**2.1500e-003**	**3.0100e-003**	**166.5075**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.3 Site Preparation - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367		4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**		**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0411	0.0192	0.4450	1.6000e-003	0.2299	6.5000e-004	0.2306	0.0610	5.9000e-004	0.0616		162.2068	162.2068	2.0000e-003	2.9200e-003	163.1285
Total	**0.0411**	**0.0192**	**0.4450**	**1.6000e-003**	**0.2299**	**6.5000e-004**	**0.2306**	**0.0610**	**5.9000e-004**	**0.0616**		**162.2068**	**162.2068**	**2.0000e-003**	**2.9200e-003**	**163.1285**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0411	0.0192	0.4450	1.6000e-003	0.2299	6.5000e-004	0.2306	0.0610	5.9000e-004	0.0616		162.2068	162.2068	2.0000e-003	2.9200e-003	163.1285
Total	**0.0411**	**0.0192**	**0.4450**	**1.6000e-003**	**0.2299**	**6.5000e-004**	**0.2306**	**0.0610**	**5.9000e-004**	**0.0616**		**162.2068**	**162.2068**	**2.0000e-003**	**2.9200e-003**	**163.1285**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.4 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.3467	0.0000	17.3467	7.1930	0.0000	7.1930			0.0000			0.0000
Off-Road	5.5361	22.9741	41.7952	0.1250		0.7922	0.7922		0.7922	0.7922		12,431.8249	12,431.8249	0.4915		12,444.1121
Total	**5.5361**	**22.9741**	**41.7952**	**0.1250**	**17.3467**	**0.7922**	**18.1389**	**7.1930**	**0.7922**	**7.9852**		**12,431.8249**	**12,431.8249**	**0.4915**		**12,444.1121**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0913	0.0427	0.9888	3.5700e-003	0.5109	1.4400e-003	0.5124	0.1355	1.3200e-003	0.1368		360.4596	360.4596	4.4500e-003	6.5000e-003	362.5079
Total	**0.0913**	**0.0427**	**0.9888**	**3.5700e-003**	**0.5109**	**1.4400e-003**	**0.5124**	**0.1355**	**1.3200e-003**	**0.1368**		**360.4596**	**360.4596**	**4.4500e-003**	**6.5000e-003**	**362.5079**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					17.3467	0.0000	17.3467	7.1930	0.0000	7.1930			0.0000			0.0000
Off-Road	5.5361	22.9741	41.7952	0.1250		0.7922	0.7922		0.7922	0.7922	0.0000	12,431.8249	12,431.8249	0.4915		12,444.1120
Total	**5.5361**	**22.9741**	**41.7952**	**0.1250**	**17.3467**	**0.7922**	**18.1389**	**7.1930**	**0.7922**	**7.9852**	**0.0000**	**12,431.8249**	**12,431.8249**	**0.4915**		**12,444.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0913	0.0427	0.9888	3.5700e-003	0.5109	1.4400e-003	0.5124	0.1355	1.3200e-003	0.1368		360.4596	360.4596	4.4500e-003	6.5000e-003	362.5079
Total	**0.0913**	**0.0427**	**0.9888**	**3.5700e-003**	**0.5109**	**1.4400e-003**	**0.5124**	**0.1355**	**1.3200e-003**	**0.1368**		**360.4596**	**360.4596**	**4.4500e-003**	**6.5000e-003**	**362.5079**

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

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2434	9.0072	3.0673	0.0362	1.4155	0.0544	1.4698	0.4076	0.0520	0.4596		3,826.6607	3,826.6607	0.0123	0.5782	3,999.2702
Worker	1.5046	0.7029	16.2912	0.0588	8.4174	0.0237	8.4411	2.2322	0.0218	2.2540		5,938.5720	5,938.5720	0.0734	0.1071	5,972.3172
Total	**1.7480**	**9.7101**	**19.3585**	**0.0950**	**9.8329**	**0.0780**	**9.9109**	**2.6398**	**0.0738**	**2.7136**		**9,765.2327**	**9,765.2327**	**0.0857**	**0.6853**	**9,971.5874**

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2434	9.0072	3.0673	0.0362	1.4155	0.0544	1.4698	0.4076	0.0520	0.4596		3,826.6607	3,826.6607	0.0123	0.5782	3,999.2702
Worker	1.5046	0.7029	16.2912	0.0588	8.4174	0.0237	8.4411	2.2322	0.0218	2.2540		5,938.5720	5,938.5720	0.0734	0.1071	5,972.3172
Total	**1.7480**	**9.7101**	**19.3585**	**0.0950**	**9.8329**	**0.0780**	**9.9109**	**2.6398**	**0.0738**	**2.7136**		**9,765.2327**	**9,765.2327**	**0.0857**	**0.6853**	**9,971.5874**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2426	8.9952	3.0651	0.0357	1.4155	0.0541	1.4696	0.4076	0.0518	0.4593		3,772.8979	3,772.8979	0.0122	0.5700	3,943.0715
Worker	1.4209	0.6673	15.8298	0.0577	8.4174	0.0221	8.4396	2.2322	0.0204	2.2526		5,831.0282	5,831.0282	0.0686	0.1046	5,863.9197
Total	**1.6635**	**9.6625**	**18.8949**	**0.0934**	**9.8329**	**0.0762**	**9.9091**	**2.6398**	**0.0721**	**2.7119**		**9,603.9262**	**9,603.9262**	**0.0808**	**0.6747**	**9,806.9911**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2426	8.9952	3.0651	0.0357	1.4155	0.0541	1.4696	0.4076	0.0518	0.4593		3,772.8979	3,772.8979	0.0122	0.5700	3,943.0715
Worker	1.4209	0.6673	15.8298	0.0577	8.4174	0.0221	8.4396	2.2322	0.0204	2.2526		5,831.0282	5,831.0282	0.0686	0.1046	5,863.9197
Total	**1.6635**	**9.6625**	**18.8949**	**0.0934**	**9.8329**	**0.0762**	**9.9091**	**2.6398**	**0.0721**	**2.7119**		**9,603.9262**	**9,603.9262**	**0.0808**	**0.6747**	**9,806.9911**

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

3.5 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	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2421	8.9891	3.0659	0.0353	1.4155	0.0539	1.4694	0.4076	0.0516	0.4591		3,727.0595	3,727.0595	0.0122	0.5631	3,895.1698
Worker	1.3469	0.6388	15.4374	0.0568	8.4174	0.0208	8.4382	2.2322	0.0191	2.2513		5,737.3060	5,737.3060	0.0644	0.1027	5,769.5067
Total	**1.5890**	**9.6279**	**18.5033**	**0.0920**	**9.8329**	**0.0747**	**9.9075**	**2.6398**	**0.0707**	**2.7105**		**9,464.3656**	**9,464.3656**	**0.0766**	**0.6658**	**9,664.6765**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2421	8.9891	3.0659	0.0353	1.4155	0.0539	1.4694	0.4076	0.0516	0.4591		3,727.0595	3,727.0595	0.0122	0.5631	3,895.1698
Worker	1.3469	0.6388	15.4374	0.0568	8.4174	0.0208	8.4382	2.2322	0.0191	2.2513		5,737.3060	5,737.3060	0.0644	0.1027	5,769.5067
Total	**1.5890**	**9.6279**	**18.5033**	**0.0920**	**9.8329**	**0.0747**	**9.9075**	**2.6398**	**0.0707**	**2.7105**		**9,464.3656**	**9,464.3656**	**0.0766**	**0.6658**	**9,664.6765**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2419	8.9813	3.0681	0.0349	1.4154	0.0537	1.4691	0.4076	0.0513	0.4589		3,687.0365	3,687.0365	0.0122	0.5571	3,853.3517
Worker	1.2805	0.6156	15.0925	0.0560	8.4174	0.0195	8.4369	2.2322	0.0180	2.2502		5,655.9042	5,655.9042	0.0607	0.1011	5,687.5380
Total	**1.5224**	**9.5969**	**18.1606**	**0.0909**	**9.8329**	**0.0732**	**9.9060**	**2.6398**	**0.0693**	**2.7091**		**9,342.9406**	**9,342.9406**	**0.0729**	**0.6581**	**9,540.8897**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2419	8.9813	3.0681	0.0349	1.4154	0.0537	1.4691	0.4076	0.0513	0.4589		3,687.0365	3,687.0365	0.0122	0.5571	3,853.3517
Worker	1.2805	0.6156	15.0925	0.0560	8.4174	0.0195	8.4369	2.2322	0.0180	2.2502		5,655.9042	5,655.9042	0.0607	0.1011	5,687.5380
Total	**1.5224**	**9.5969**	**18.1606**	**0.0909**	**9.8329**	**0.0732**	**9.9060**	**2.6398**	**0.0693**	**2.7091**		**9,342.9406**	**9,342.9406**	**0.0729**	**0.6581**	**9,540.8897**

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

3.5 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	3.0334	18.1511	38.5523	0.0822		0.2329	0.2329		0.2329	0.2329		7,644.8026	7,644.8026	0.2695		7,651.5399
Total	**3.0334**	**18.1511**	**38.5523**	**0.0822**		**0.2329**	**0.2329**		**0.2329**	**0.2329**		**7,644.8026**	**7,644.8026**	**0.2695**		**7,651.5399**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2416	8.9713	3.0703	0.0346	1.4154	0.0534	1.4689	0.4076	0.0511	0.4587		3,652.3049	3,652.3049	0.0121	0.5519	3,817.0706
Worker	1.2202	0.5972	14.7953	0.0553	8.4174	0.0184	8.4358	2.2322	0.0169	2.2492		5,585.7442	5,585.7442	0.0575	0.0998	5,616.9218
Total	**1.4618**	**9.5685**	**17.8655**	**0.0898**	**9.8329**	**0.0718**	**9.9047**	**2.6398**	**0.0681**	**2.7078**		**9,238.0491**	**9,238.0491**	**0.0697**	**0.6517**	**9,433.9924**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.5 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	lb/day										lb/day					
Off-Road	3.0334	18.1511	38.5523	0.0822		0.2329	0.2329		0.2329	0.2329	0.0000	7,644.8025	7,644.8025	0.2695		7,651.5399
Total	**3.0334**	**18.1511**	**38.5523**	**0.0822**		**0.2329**	**0.2329**		**0.2329**	**0.2329**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2695**		**7,651.5399**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2416	8.9713	3.0703	0.0346	1.4154	0.0534	1.4689	0.4076	0.0511	0.4587		3,652.3049	3,652.3049	0.0121	0.5519	3,817.0706
Worker	1.2202	0.5972	14.7953	0.0553	8.4174	0.0184	8.4358	2.2322	0.0169	2.2492		5,585.7442	5,585.7442	0.0575	0.0998	5,616.9218
Total	**1.4618**	**9.5685**	**17.8655**	**0.0898**	**9.8329**	**0.0718**	**9.9047**	**2.6398**	**0.0681**	**2.7078**		**9,238.0491**	**9,238.0491**	**0.0697**	**0.6517**	**9,433.9924**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.6 Paving - 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	4.4050	12.8885	40.0353	0.1049		0.5188	0.5188		0.5188	0.5188		10,888.2708	10,888.2708	0.3876		10,897.9608
Paving	0.8220					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.2269**	**12.8885**	**40.0353**	**0.1049**		**0.5188**	**0.5188**		**0.5188**	**0.5188**		**10,888.2708**	**10,888.2708**	**0.3876**		**10,897.9608**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0408	1.0103	3.7700e-003	0.5748	1.2600e-003	0.5760	0.1524	1.1600e-003	0.1536		381.4241	381.4241	3.9300e-003	6.8100e-003	383.5531
Total	**0.0833**	**0.0408**	**1.0103**	**3.7700e-003**	**0.5748**	**1.2600e-003**	**0.5760**	**0.1524**	**1.1600e-003**	**0.1536**		**381.4241**	**381.4241**	**3.9300e-003**	**6.8100e-003**	**383.5531**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.6 Paving - 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	lb/day										lb/day					
Off-Road	4.4050	12.8885	40.0353	0.1049		0.5188	0.5188		0.5188	0.5188	0.0000	10,888.2708	10,888.2708	0.3876		10,897.9608
Paving	0.8220					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.2269**	**12.8885**	**40.0353**	**0.1049**		**0.5188**	**0.5188**		**0.5188**	**0.5188**	**0.0000**	**10,888.2708**	**10,888.2708**	**0.3876**		**10,897.9608**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0408	1.0103	3.7700e-003	0.5748	1.2600e-003	0.5760	0.1524	1.1600e-003	0.1536		381.4241	381.4241	3.9300e-003	6.8100e-003	383.5531
Total	**0.0833**	**0.0408**	**1.0103**	**3.7700e-003**	**0.5748**	**1.2600e-003**	**0.5760**	**0.1524**	**1.1600e-003**	**0.1536**		**381.4241**	**381.4241**	**3.9300e-003**	**6.8100e-003**	**383.5531**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.7 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	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396		1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**		**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2444	0.1196	2.9635	0.0111	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,118.8441	1,118.8441	0.0115	0.0200	1,125.0890
Total	**0.2444**	**0.1196**	**2.9635**	**0.0111**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,118.8441**	**1,118.8441**	**0.0115**	**0.0200**	**1,125.0890**

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

3.7 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	lb/day										lb/day					
Archit. Coating	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396	0.0000	1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2444	0.1196	2.9635	0.0111	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,118.8441	1,118.8441	0.0115	0.0200	1,125.0890
Total	**0.2444**	**0.1196**	**2.9635**	**0.0111**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,118.8441**	**1,118.8441**	**0.0115**	**0.0200**	**1,125.0890**

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

3.7 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	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396		1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**		**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2444	0.1196	2.9635	0.0111	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,118.8441	1,118.8441	0.0115	0.0200	1,125.0890
Total	**0.2444**	**0.1196**	**2.9635**	**0.0111**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,118.8441**	**1,118.8441**	**0.0115**	**0.0200**	**1,125.0890**

Phase 2_Const Only - Placer-Sacramento County, Summer

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

3.7 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	lb/day										lb/day					
Archit. Coating	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396	0.0000	1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2444	0.1196	2.9635	0.0111	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,118.8441	1,118.8441	0.0115	0.0200	1,125.0890
Total	**0.2444**	**0.1196**	**2.9635**	**0.0111**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,118.8441**	**1,118.8441**	**0.0115**	**0.0200**	**1,125.0890**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	0.00	0.00	0.00		
Day-Care Center	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Phase 2_Const Only - Placer-Sacramento 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
Condo/Townhouse	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
Day-Care Center	14.70	6.60	6.60	12.70	82.30	5.00	28	58	14
Government (Civic Center)	14.70	6.60	6.60	75.00	20.00	5.00	50	34	16
Health Club	14.70	6.60	6.60	16.90	64.10	19.00	52	39	9
High Turnover (Sit Down	14.70	6.60	6.60	8.50	72.50	19.00	37	20	43
Library	14.70	6.60	6.60	52.00	43.00	5.00	44	44	12
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
University/College (4yr)	14.70	6.60	6.60	6.40	88.60	5.00	91	9	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Day-Care Center	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Government (Civic Center)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Health Club	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
High Turnover (Sit Down Restaurant)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Library	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Parking Lot	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
University/College (4yr)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Phase 2_Const Only - Placer-Sacramento 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

Phase 2_Const Only - Placer-Sacramento 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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907
Unmitigated	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737		24.7328	24.7328	0.0263		25.3907
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**		**0.0737**	**0.0737**		**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737		24.7328	24.7328	0.0263		25.3907
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**		**0.0737**	**0.0737**		**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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

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

Phase 2_Const Only

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	17.90	1000sqft	0.41	17,900.00	0
Day-Care Center	10.00	1000sqft	0.23	10,000.00	0
Library	44.25	1000sqft	1.02	44,250.00	0
University/College (4yr)	5,000.00	Student	21.10	76,435.00	0
Parking Lot	2,614.00	Space	23.53	1,045,600.00	0
Health Club	82.28	1000sqft	1.89	82,280.00	0
High Turnover (Sit Down Restaurant)	32.25	1000sqft	0.74	32,250.00	0
Condo/Townhouse	155.00	Dwelling Unit	9.69	43,240.00	443

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2040
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - based on Phase 2 land uses

Construction Phase -

Off-road Equipment - increased default

Off-road Equipment - adjusted up from default

Phase 2_Const Only - Placer-Sacramento County, Winter

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

Off-road Equipment - increased default

Off-road Equipment - added equipment per equipment list

Demolition - 406 parking spaces removed * 400 SF /space= 162,400 SF, based on CalEEmod default space size

Grading -

Vehicle Trips - Run used for Phase 2 construction only

Road Dust - Run used for Phase 2 construction only

Woodstoves - Run used for Phase 2 construction only

Consumer Products - Run used for Phase 2 construction only

Area Coating - Run used for Phase 2 construction only

Landscape Equipment - Run used for Phase 2 construction only

Energy Use - Run used for Phase 2 construction only

Water And Wastewater - Run used for Phase 2 construction only

Solid Waste - Run used for Phase 2 construction only

Area Mitigation - Run used for Phase 2 construction only

Trips and VMT -

Architectural Coating -

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Parking	62736	125472
tblConsumerProducts	ROG_EF	2.14E-05	0

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

tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	2.34	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	7.57	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	17.72	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	68.83	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	80.14	0.00
tblEnergyUse	T24E	1.68	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	5.41	0.00
tblEnergyUse	T24E	1.48	0.00

Phase 2_Const Only - Placer-Sacramento County, Winter

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

tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	16,185.01	0.00
tblEnergyUse	T24NG	8.96	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.18	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	85.25	0.00
tblFireplaces	NumberNoFireplace	15.50	0.00
tblFireplaces	NumberWood	54.25	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	918,987.34	76,435.00
tblLandUse	LandUseSquareFeet	155,000.00	43,240.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural

Phase 2_Const Only - Placer-Sacramento County, Winter

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

tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	71.30	0.00
tblSolidWaste	SolidWasteGenerationRate	13.00	0.00
tblSolidWaste	SolidWasteGenerationRate	102.03	0.00
tblSolidWaste	SolidWasteGenerationRate	469.00	0.00
tblSolidWaste	SolidWasteGenerationRate	383.78	0.00
tblSolidWaste	SolidWasteGenerationRate	40.75	0.00
tblSolidWaste	SolidWasteGenerationRate	912.50	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	6.22	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	5.84	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	47.62	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	1.56	0.00

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

tblWater	IndoorWaterUseRate	10,098,873.97	0.00
tblWater	IndoorWaterUseRate	428,895.67	0.00
tblWater	IndoorWaterUseRate	3,556,008.38	0.00
tblWater	IndoorWaterUseRate	4,866,297.89	0.00
tblWater	IndoorWaterUseRate	9,788,962.23	0.00
tblWater	IndoorWaterUseRate	1,384,534.20	0.00
tblWater	IndoorWaterUseRate	10,705,500.00	0.00
tblWater	OutdoorWaterUseRate	6,366,681.42	0.00
tblWater	OutdoorWaterUseRate	1,102,874.59	0.00
tblWater	OutdoorWaterUseRate	2,179,489.01	0.00
tblWater	OutdoorWaterUseRate	2,982,569.68	0.00
tblWater	OutdoorWaterUseRate	624,827.38	0.00
tblWater	OutdoorWaterUseRate	2,165,553.49	0.00
tblWater	OutdoorWaterUseRate	16,744,500.00	0.00
tblWoodstoves	NumberCatalytic	7.75	0.00
tblWoodstoves	NumberNoncatalytic	7.75	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Phase 2_Const Only - Placer-Sacramento 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)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	2.4833	13.6933	19.5727	0.0529	19.8869	0.4374	20.3243	10.1634	0.4373	10.6007	0.0000	5,080.0162	5,080.0162	0.2201	0.0936	5,112.6015
2031	5.6268	31.2069	56.0561	0.1714	19.8869	0.7937	20.3242	10.1634	0.7935	10.6007	0.0000	16,832.2586	16,832.2586	0.4966	0.7036	17,051.7109
2032	4.9561	31.1501	55.6422	0.1700	9.8329	0.4833	10.3162	2.6398	0.4792	3.1190	0.0000	16,681.1381	16,681.1381	0.3853	0.6926	16,897.1568
2033	4.8844	31.1085	55.2914	0.1687	9.8329	0.4818	10.3146	2.6398	0.4778	3.1176	0.0000	16,550.4058	16,550.4058	0.3806	0.6833	16,763.5543
2034	4.8214	31.0719	54.9837	0.1676	9.8329	0.4803	10.3131	2.6398	0.4764	3.1162	0.0000	16,436.6189	16,436.6189	0.3765	0.6754	16,647.3104
2035	44.3296	28.5527	54.5998	0.1666	9.8329	0.5201	10.1377	2.6398	0.5200	2.9409	0.0000	16,338.2914	16,338.2914	0.3921	0.6688	16,546.2421
2036	44.3296	3.1791	9.7549	0.0219	1.6860	0.0433	1.7294	0.4471	0.0430	0.4901	0.0000	2,133.5717	2,133.5717	0.0548	0.0230	2,141.8066
Maximum	**44.3296**	**31.2069**	**56.0561**	**0.1714**	**19.8869**	**0.7937**	**20.3243**	**10.1634**	**0.7935**	**10.6007**	**0.0000**	**16,832.2586**	**16,832.2586**	**0.4966**	**0.7036**	**17,051.7109**

Phase 2_Const Only - Placer-Sacramento 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

	ROG	NOx	CO	SO2	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					
2030	2.4833	13.6933	19.5727	0.0529	19.8869	0.4374	20.3243	10.1634	0.4373	10.6007	0.0000	5,080.0162	5,080.0162	0.2201	0.0936	5,112.6015
2031	5.6268	31.2069	56.0561	0.1714	19.8869	0.7937	20.3242	10.1634	0.7935	10.6007	0.0000	16,832.2585	16,832.2585	0.4966	0.7036	17,051.7109
2032	4.9561	31.1501	55.6422	0.1700	9.8329	0.4833	10.3162	2.6398	0.4792	3.1190	0.0000	16,681.1381	16,681.1381	0.3853	0.6926	16,897.1568
2033	4.8844	31.1085	55.2914	0.1687	9.8329	0.4818	10.3146	2.6398	0.4778	3.1176	0.0000	16,550.4058	16,550.4058	0.3806	0.6833	16,763.5543
2034	4.8214	31.0719	54.9837	0.1676	9.8329	0.4803	10.3131	2.6398	0.4764	3.1162	0.0000	16,436.6189	16,436.6189	0.3765	0.6754	16,647.3104
2035	44.3296	28.5527	54.5998	0.1666	9.8329	0.5201	10.1377	2.6398	0.5200	2.9409	0.0000	16,338.2914	16,338.2914	0.3921	0.6688	16,546.2421
2036	44.3296	3.1791	9.7549	0.0219	1.6860	0.0433	1.7294	0.4471	0.0430	0.4901	0.0000	2,133.5717	2,133.5717	0.0548	0.0230	2,141.8066
Maximum	**44.3296**	**31.2069**	**56.0561**	**0.1714**	**19.8869**	**0.7937**	**20.3243**	**10.1634**	**0.7935**	**10.6007**	**0.0000**	**16,832.2585**	**16,832.2585**	**0.4966**	**0.7036**	**17,051.7109**

	ROG	NOx	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**

Phase 2_Const Only - Placer-Sacramento 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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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	8/1/2030	11/6/2030	5	70	
2	Site Preparation	Site Preparation	11/7/2030	1/1/2031	5	40	
3	Grading	Grading	1/2/2031	6/4/2031	5	110	
4	Building Construction	Building Construction	6/5/2031	9/5/2035	5	1110	
5	Paving	Paving	9/6/2035	12/19/2035	5	75	
6	Architectural Coating	Architectural Coating	12/20/2035	4/2/2036	5	75	

Acres of Grading (Site Preparation Phase): 60

Acres of Grading (Grading Phase): 550

Acres of Paving: 23.53

Residential Indoor: 87,561; Residential Outdoor: 29,187; Non-Residential Indoor: 394,673; Non-Residential Outdoor: 131,558; Striped Parking Area: 62,736 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

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

Grading	Excavators	4	8.00	158	0.38
Grading	Graders	4	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	4	8.00	9	0.56
Paving	Off-Highway Trucks	4	8.00	402	0.38
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	739.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	659.00	231.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	18	45.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	132.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.2837	0.0000	2.2837	0.3458	0.0000	0.3458			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511		4,378.5819	4,378.5819	0.1847		4,383.2000
Total	**2.0746**	**9.7770**	**18.9168**	**0.0462**	**2.2837**	**0.3511**	**2.6348**	**0.3458**	**0.3511**	**0.6969**		**4,378.5819**	**4,378.5819**	**0.1847**		**4,383.2000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0237	1.3447	0.3216	5.4500e-003	0.1848	0.0117	0.1965	0.0507	0.0112	0.0619		577.1227	577.1227	1.1100e-003	0.0907	604.1768
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0361	0.0211	0.3343	1.2300e-003	0.1916	5.8000e-004	0.1922	0.0508	5.3000e-004	0.0513		124.3117	124.3117	2.0400e-003	2.8900e-003	125.2246
Total	**0.0598**	**1.3659**	**0.6559**	**6.6800e-003**	**0.3764**	**0.0123**	**0.3887**	**0.1015**	**0.0118**	**0.1132**		**701.4343**	**701.4343**	**3.1500e-003**	**0.0936**	**729.4014**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					2.2837	0.0000	2.2837	0.3458	0.0000	0.3458			0.0000			0.0000
Off-Road	2.0746	9.7770	18.9168	0.0462		0.3511	0.3511		0.3511	0.3511	0.0000	4,378.5819	4,378.5819	0.1847		4,383.2000
Total	**2.0746**	**9.7770**	**18.9168**	**0.0462**	**2.2837**	**0.3511**	**2.6348**	**0.3458**	**0.3511**	**0.6969**	**0.0000**	**4,378.5819**	**4,378.5819**	**0.1847**		**4,383.2000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0237	1.3447	0.3216	5.4500e-003	0.1848	0.0117	0.1965	0.0507	0.0112	0.0619		577.1227	577.1227	1.1100e-003	0.0907	604.1768
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0361	0.0211	0.3343	1.2300e-003	0.1916	5.8000e-004	0.1922	0.0508	5.3000e-004	0.0513		124.3117	124.3117	2.0400e-003	2.8900e-003	125.2246
Total	**0.0598**	**1.3659**	**0.6559**	**6.6800e-003**	**0.3764**	**0.0123**	**0.3887**	**0.1015**	**0.0118**	**0.1132**		**701.4343**	**701.4343**	**3.1500e-003**	**0.0936**	**729.4014**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367		4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**		**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0434	0.0254	0.4012	1.4800e-003	0.2299	6.9000e-004	0.2306	0.0610	6.4000e-004	0.0616		149.1740	149.1740	2.4500e-003	3.4700e-003	150.2696
Total	**0.0434**	**0.0254**	**0.4012**	**1.4800e-003**	**0.2299**	**6.9000e-004**	**0.2306**	**0.0610**	**6.4000e-004**	**0.0616**		**149.1740**	**149.1740**	**2.4500e-003**	**3.4700e-003**	**150.2696**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0434	0.0254	0.4012	1.4800e-003	0.2299	6.9000e-004	0.2306	0.0610	6.4000e-004	0.0616		149.1740	149.1740	2.4500e-003	3.4700e-003	150.2696
Total	**0.0434**	**0.0254**	**0.4012**	**1.4800e-003**	**0.2299**	**6.9000e-004**	**0.2306**	**0.0610**	**6.4000e-004**	**0.0616**		**149.1740**	**149.1740**	**2.4500e-003**	**3.4700e-003**	**150.2696**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.3 Site Preparation - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367		4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**		**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0408	0.0238	0.3881	1.4500e-003	0.2299	6.5000e-004	0.2306	0.0610	5.9000e-004	0.0616		146.1467	146.1467	2.2800e-003	3.3700e-003	147.2092
Total	**0.0408**	**0.0238**	**0.3881**	**1.4500e-003**	**0.2299**	**6.5000e-004**	**0.2306**	**0.0610**	**5.9000e-004**	**0.0616**		**146.1467**	**146.1467**	**2.2800e-003**	**3.3700e-003**	**147.2092**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4399	13.6680	16.2918	0.0466		0.4367	0.4367		0.4367	0.4367	0.0000	4,409.7537	4,409.7537	0.2176		4,415.1936
Total	**2.4399**	**13.6680**	**16.2918**	**0.0466**	**19.6570**	**0.4367**	**20.0937**	**10.1025**	**0.4367**	**10.5391**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.2176**		**4,415.1936**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0408	0.0238	0.3881	1.4500e-003	0.2299	6.5000e-004	0.2306	0.0610	5.9000e-004	0.0616		146.1467	146.1467	2.2800e-003	3.3700e-003	147.2092
Total	**0.0408**	**0.0238**	**0.3881**	**1.4500e-003**	**0.2299**	**6.5000e-004**	**0.2306**	**0.0610**	**5.9000e-004**	**0.0616**		**146.1467**	**146.1467**	**2.2800e-003**	**3.3700e-003**	**147.2092**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.4 Grading - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.3467	0.0000	17.3467	7.1930	0.0000	7.1930			0.0000			0.0000
Off-Road	5.5361	22.9741	41.7952	0.1250		0.7922	0.7922		0.7922	0.7922		12,431.8249	12,431.8249	0.4915		12,444.1121
Total	**5.5361**	**22.9741**	**41.7952**	**0.1250**	**17.3467**	**0.7922**	**18.1389**	**7.1930**	**0.7922**	**7.9852**		**12,431.8249**	**12,431.8249**	**0.4915**		**12,444.1121**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0907	0.0530	0.8624	3.2100e-003	0.5109	1.4400e-003	0.5124	0.1355	1.3200e-003	0.1368		324.7704	324.7704	5.0700e-003	7.5000e-003	327.1315
Total	**0.0907**	**0.0530**	**0.8624**	**3.2100e-003**	**0.5109**	**1.4400e-003**	**0.5124**	**0.1355**	**1.3200e-003**	**0.1368**		**324.7704**	**324.7704**	**5.0700e-003**	**7.5000e-003**	**327.1315**

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

3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					17.3467	0.0000	17.3467	7.1930	0.0000	7.1930			0.0000			0.0000
Off-Road	5.5361	22.9741	41.7952	0.1250		0.7922	0.7922		0.7922	0.7922	0.0000	12,431.8249	12,431.8249	0.4915		12,444.1120
Total	**5.5361**	**22.9741**	**41.7952**	**0.1250**	**17.3467**	**0.7922**	**18.1389**	**7.1930**	**0.7922**	**7.9852**	**0.0000**	**12,431.8249**	**12,431.8249**	**0.4915**		**12,444.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0907	0.0530	0.8624	3.2100e-003	0.5109	1.4400e-003	0.5124	0.1355	1.3200e-003	0.1368		324.7704	324.7704	5.0700e-003	7.5000e-003	327.1315
Total	**0.0907**	**0.0530**	**0.8624**	**3.2100e-003**	**0.5109**	**1.4400e-003**	**0.5124**	**0.1355**	**1.3200e-003**	**0.1368**		**324.7704**	**324.7704**	**5.0700e-003**	**7.5000e-003**	**327.1315**

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

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2229	9.6967	3.1773	0.0363	1.4155	0.0546	1.4700	0.4076	0.0522	0.4598		3,836.8640	3,836.8640	0.0114	0.5801	4,010.0204
Worker	1.4944	0.8729	14.2087	0.0529	8.4174	0.0237	8.4411	2.2322	0.0218	2.2540		5,350.5920	5,350.5920	0.0835	0.1235	5,389.4918
Total	**1.7173**	**10.5696**	**17.3860**	**0.0893**	**9.8329**	**0.0782**	**9.9111**	**2.6398**	**0.0740**	**2.7138**		**9,187.4560**	**9,187.4560**	**0.0949**	**0.7036**	**9,399.5122**

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2229	9.6967	3.1773	0.0363	1.4155	0.0546	1.4700	0.4076	0.0522	0.4598		3,836.8640	3,836.8640	0.0114	0.5801	4,010.0204
Worker	1.4944	0.8729	14.2087	0.0529	8.4174	0.0237	8.4411	2.2322	0.0218	2.2540		5,350.5920	5,350.5920	0.0835	0.1235	5,389.4918
Total	**1.7173**	**10.5696**	**17.3860**	**0.0893**	**9.8329**	**0.0782**	**9.9111**	**2.6398**	**0.0740**	**2.7138**		**9,187.4560**	**9,187.4560**	**0.0949**	**0.7036**	**9,399.5122**

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

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2220	9.6848	3.1745	0.0358	1.4155	0.0543	1.4698	0.4076	0.0520	0.4595		3,783.0075	3,783.0075	0.0113	0.5719	3,953.7215
Worker	1.4136	0.8281	13.7977	0.0520	8.4174	0.0221	8.4396	2.2322	0.0204	2.2526		5,253.3280	5,253.3280	0.0781	0.1207	5,291.2365
Total	**1.6356**	**10.5129**	**16.9721**	**0.0878**	**9.8329**	**0.0764**	**9.9093**	**2.6398**	**0.0723**	**2.7121**		**9,036.3355**	**9,036.3355**	**0.0895**	**0.6926**	**9,244.9580**

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2220	9.6848	3.1745	0.0358	1.4155	0.0543	1.4698	0.4076	0.0520	0.4595		3,783.0075	3,783.0075	0.0113	0.5719	3,953.7215
Worker	1.4136	0.8281	13.7977	0.0520	8.4174	0.0221	8.4396	2.2322	0.0204	2.2526		5,253.3280	5,253.3280	0.0781	0.1207	5,291.2365
Total	**1.6356**	**10.5129**	**16.9721**	**0.0878**	**9.8329**	**0.0764**	**9.9093**	**2.6398**	**0.0723**	**2.7121**		**9,036.3355**	**9,036.3355**	**0.0895**	**0.6926**	**9,244.9580**

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

3.5 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	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2215	9.6792	3.1747	0.0354	1.4155	0.0541	1.4696	0.4076	0.0518	0.4593		3,737.0929	3,737.0929	0.0113	0.5650	3,905.7385
Worker	1.3424	0.7921	13.4466	0.0511	8.4174	0.0208	8.4382	2.2322	0.0191	2.2513		5,168.5104	5,168.5104	0.0735	0.1184	5,205.6171
Total	**1.5638**	**10.4713**	**16.6213**	**0.0865**	**9.8329**	**0.0749**	**9.9077**	**2.6398**	**0.0709**	**2.7107**		**8,905.6032**	**8,905.6032**	**0.0848**	**0.6833**	**9,111.3555**

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2215	9.6792	3.1747	0.0354	1.4155	0.0541	1.4696	0.4076	0.0518	0.4593		3,737.0929	3,737.0929	0.0113	0.5650	3,905.7385
Worker	1.3424	0.7921	13.4466	0.0511	8.4174	0.0208	8.4382	2.2322	0.0191	2.2513		5,168.5104	5,168.5104	0.0735	0.1184	5,205.6171
Total	**1.5638**	**10.4713**	**16.6213**	**0.0865**	**9.8329**	**0.0749**	**9.9077**	**2.6398**	**0.0709**	**2.7107**		**8,905.6032**	**8,905.6032**	**0.0848**	**0.6833**	**9,111.3555**

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

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069		7,644.8026	7,644.8026	0.2959		7,652.1988
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**		**7,644.8026**	**7,644.8026**	**0.2959**		**7,652.1988**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2211	9.6718	3.1764	0.0350	1.4154	0.0539	1.4693	0.4076	0.0515	0.4591		3,697.0084	3,697.0084	0.0113	0.5589	3,863.8547
Worker	1.2797	0.7629	13.1372	0.0504	8.4174	0.0195	8.4369	2.2322	0.0180	2.2502		5,094.8080	5,094.8080	0.0693	0.1165	5,131.2569
Total	**1.5009**	**10.4347**	**16.3136**	**0.0854**	**9.8329**	**0.0734**	**9.9062**	**2.6398**	**0.0695**	**2.7093**		**8,791.8163**	**8,791.8163**	**0.0806**	**0.6754**	**8,995.1116**

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

3.5 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	lb/day										lb/day					
Off-Road	3.3206	20.6372	38.6701	0.0822		0.4069	0.4069		0.4069	0.4069	0.0000	7,644.8025	7,644.8025	0.2959		7,652.1987
Total	**3.3206**	**20.6372**	**38.6701**	**0.0822**		**0.4069**	**0.4069**		**0.4069**	**0.4069**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2959**		**7,652.1987**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2211	9.6718	3.1764	0.0350	1.4154	0.0539	1.4693	0.4076	0.0515	0.4591		3,697.0084	3,697.0084	0.0113	0.5589	3,863.8547
Worker	1.2797	0.7629	13.1372	0.0504	8.4174	0.0195	8.4369	2.2322	0.0180	2.2502		5,094.8080	5,094.8080	0.0693	0.1165	5,131.2569
Total	**1.5009**	**10.4347**	**16.3136**	**0.0854**	**9.8329**	**0.0734**	**9.9062**	**2.6398**	**0.0695**	**2.7093**		**8,791.8163**	**8,791.8163**	**0.0806**	**0.6754**	**8,995.1116**

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

3.5 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	3.0334	18.1511	38.5523	0.0822		0.2329	0.2329		0.2329	0.2329		7,644.8026	7,644.8026	0.2695		7,651.5399
Total	**3.0334**	**18.1511**	**38.5523**	**0.0822**		**0.2329**	**0.2329**		**0.2329**	**0.2329**		**7,644.8026**	**7,644.8026**	**0.2695**		**7,651.5399**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2208	9.6618	3.1781	0.0347	1.4154	0.0536	1.4691	0.4076	0.0513	0.4589		3,662.2262	3,662.2262	0.0112	0.5537	3,827.5196
Worker	1.2230	0.7398	12.8694	0.0498	8.4174	0.0184	8.4358	2.2322	0.0169	2.2492		5,031.2627	5,031.2627	0.0657	0.1150	5,067.1826
Total	**1.4438**	**10.4016**	**16.0475**	**0.0844**	**9.8329**	**0.0720**	**9.9049**	**2.6398**	**0.0682**	**2.7080**		**8,693.4889**	**8,693.4889**	**0.0770**	**0.6688**	**8,894.7022**

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

3.5 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	lb/day										lb/day					
Off-Road	3.0334	18.1511	38.5523	0.0822		0.2329	0.2329		0.2329	0.2329	0.0000	7,644.8025	7,644.8025	0.2695		7,651.5399
Total	**3.0334**	**18.1511**	**38.5523**	**0.0822**		**0.2329**	**0.2329**		**0.2329**	**0.2329**	**0.0000**	**7,644.8025**	**7,644.8025**	**0.2695**		**7,651.5399**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2208	9.6618	3.1781	0.0347	1.4154	0.0536	1.4691	0.4076	0.0513	0.4589		3,662.2262	3,662.2262	0.0112	0.5537	3,827.5196
Worker	1.2230	0.7398	12.8694	0.0498	8.4174	0.0184	8.4358	2.2322	0.0169	2.2492		5,031.2627	5,031.2627	0.0657	0.1150	5,067.1826
Total	**1.4438**	**10.4016**	**16.0475**	**0.0844**	**9.8329**	**0.0720**	**9.9049**	**2.6398**	**0.0682**	**2.7080**		**8,693.4889**	**8,693.4889**	**0.0770**	**0.6688**	**8,894.7022**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.6 Paving - 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	4.4050	12.8885	40.0353	0.1049		0.5188	0.5188		0.5188	0.5188		10,888.2708	10,888.2708	0.3876		10,897.9608
Paving	0.8220					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.2269**	**12.8885**	**40.0353**	**0.1049**		**0.5188**	**0.5188**		**0.5188**	**0.5188**		**10,888.2708**	**10,888.2708**	**0.3876**		**10,897.9608**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0835	0.0505	0.8788	3.4000e-003	0.5748	1.2600e-003	0.5760	0.1524	1.1600e-003	0.1536		343.5612	343.5612	4.4900e-003	7.8500e-003	346.0140
Total	**0.0835**	**0.0505**	**0.8788**	**3.4000e-003**	**0.5748**	**1.2600e-003**	**0.5760**	**0.1524**	**1.1600e-003**	**0.1536**		**343.5612**	**343.5612**	**4.4900e-003**	**7.8500e-003**	**346.0140**

Phase 2_Const Only - Placer-Sacramento County, Winter

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

3.6 Paving - 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	lb/day										lb/day					
Off-Road	4.4050	12.8885	40.0353	0.1049		0.5188	0.5188		0.5188	0.5188	0.0000	10,888.2708	10,888.2708	0.3876		10,897.9608
Paving	0.8220					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.2269**	**12.8885**	**40.0353**	**0.1049**		**0.5188**	**0.5188**		**0.5188**	**0.5188**	**0.0000**	**10,888.2708**	**10,888.2708**	**0.3876**		**10,897.9608**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0835	0.0505	0.8788	3.4000e-003	0.5748	1.2600e-003	0.5760	0.1524	1.1600e-003	0.1536		343.5612	343.5612	4.4900e-003	7.8500e-003	346.0140
Total	**0.0835**	**0.0505**	**0.8788**	**3.4000e-003**	**0.5748**	**1.2600e-003**	**0.5760**	**0.1524**	**1.1600e-003**	**0.1536**		**343.5612**	**343.5612**	**4.4900e-003**	**7.8500e-003**	**346.0140**

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

3.7 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	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396		1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**		**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2450	0.1482	2.5778	9.9700e-003	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,007.7795	1,007.7795	0.0132	0.0230	1,014.9744
Total	**0.2450**	**0.1482**	**2.5778**	**9.9700e-003**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,007.7795**	**1,007.7795**	**0.0132**	**0.0230**	**1,014.9744**

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

3.7 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	lb/day										lb/day					
Archit. Coating	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396	0.0000	1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2450	0.1482	2.5778	9.9700e-003	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,007.7795	1,007.7795	0.0132	0.0230	1,014.9744
Total	**0.2450**	**0.1482**	**2.5778**	**9.9700e-003**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,007.7795**	**1,007.7795**	**0.0132**	**0.0230**	**1,014.9744**

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

3.7 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	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396		1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**		**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2450	0.1482	2.5778	9.9700e-003	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,007.7795	1,007.7795	0.0132	0.0230	1,014.9744
Total	**0.2450**	**0.1482**	**2.5778**	**9.9700e-003**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,007.7795**	**1,007.7795**	**0.0132**	**0.0230**	**1,014.9744**

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

3.7 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	lb/day										lb/day					
Archit. Coating	43.6132					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4715	3.0309	7.1771	0.0119		0.0396	0.0396		0.0396	0.0396	0.0000	1,125.7922	1,125.7922	0.0416		1,126.8322
Total	**44.0847**	**3.0309**	**7.1771**	**0.0119**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0416**		**1,126.8322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2450	0.1482	2.5778	9.9700e-003	1.6860	3.6900e-003	1.6897	0.4471	3.3900e-003	0.4505		1,007.7795	1,007.7795	0.0132	0.0230	1,014.9744
Total	**0.2450**	**0.1482**	**2.5778**	**9.9700e-003**	**1.6860**	**3.6900e-003**	**1.6897**	**0.4471**	**3.3900e-003**	**0.4505**		**1,007.7795**	**1,007.7795**	**0.0132**	**0.0230**	**1,014.9744**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	0.00	0.00	0.00		
Day-Care Center	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Phase 2_Const Only - Placer-Sacramento 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
Condo/Townhouse	16.80	7.10	7.90	42.60	21.00	36.40	86	11	3
Day-Care Center	14.70	6.60	6.60	12.70	82.30	5.00	28	58	14
Government (Civic Center)	14.70	6.60	6.60	75.00	20.00	5.00	50	34	16
Health Club	14.70	6.60	6.60	16.90	64.10	19.00	52	39	9
High Turnover (Sit Down	14.70	6.60	6.60	8.50	72.50	19.00	37	20	43
Library	14.70	6.60	6.60	52.00	43.00	5.00	44	44	12
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
University/College (4yr)	14.70	6.60	6.60	6.40	88.60	5.00	91	9	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Day-Care Center	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Government (Civic Center)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Health Club	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
High Turnover (Sit Down Restaurant)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Library	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
Parking Lot	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993
University/College (4yr)	0.490746	0.065728	0.211196	0.138069	0.022565	0.006515	0.020386	0.011086	0.000479	0.000567	0.028920	0.000751	0.002993

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Phase 2_Const Only - Placer-Sacramento 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907
Unmitigated	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737	0.0000	24.7328	24.7328	0.0263	0.0000	25.3907

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737		24.7328	24.7328	0.0263		25.3907
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**		**0.0737**	**0.0737**		**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	0.4532	0.1541	13.5229	7.3000e-004		0.0737	0.0737		0.0737	0.0737		24.7328	24.7328	0.0263		25.3907
Total	**0.4532**	**0.1541**	**13.5229**	**7.3000e-004**		**0.0737**	**0.0737**		**0.0737**	**0.0737**	**0.0000**	**24.7328**	**24.7328**	**0.0263**	**0.0000**	**25.3907**

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

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

CSU Placer Center_Const Only Phase 3

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Library	227.69	1000sqft	5.23	227,690.00	0
University/College (4yr)	12,000.00	Student	50.63	168,525.00	0
General Light Industry	23.87	1000sqft	0.55	23,870.00	0
Enclosed Parking Structure	1,108.00	Space	9.97	443,200.00	0
Enclosed Parking Structure	598.00	Space	5.38	239,200.00	0
Parking Lot	2,721.00	Space	24.49	1,088,400.00	0
Health Club	72.60	1000sqft	1.67	72,600.00	0
Hotel	25.00	Room	0.83	36,300.00	0
Condo/Townhouse	965.00	Dwelling Unit	60.31	141,260.00	2760

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2050
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - SF based on projecet description phasing table. Hotel size based on PD SF and default Caleemod room / sf ration (i.e., 1452 sf/room)

Construction Phase - adjusted schedule from default to match anticipated project buildout timing

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

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

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Demolition - based on default SF/parking space (i.e., 400 sf) and number of spaces that would be removed.

Grading -

Vehicle Trips - run used for phase 3 construction only

Road Dust - run used for phase 3 construction only

Woodstoves - run used for phase 3 construction only

Consumer Products - run used for phase 3 construction only

Area Coating - run used for phase 3 construction only

Landscape Equipment - run used for phase 3 construction only

Energy Use - run used for phase 3 construction only

Water And Wastewater - run used for phase 3 construction only

Solid Waste - run used for phase 3 construction only

Area Mitigation - run used for phase 3 construction only

Off-road Equipment - adding additional equipment

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Nonresidential_Exterior	264493	0
tblAreaCoating	Area_Nonresidential_Interior	793478	0
tblAreaCoating	Area_Parking	106248	0
tblAreaCoating	Area_Residential_Exterior	95351	0
tblAreaCoating	Area_Residential_Interior	286052	0

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

tblConstructionPhase	NumDays	3,100.00	1,012.00
tblConstructionPhase	NumDays	220.00	129.00
tblConstructionPhase	NumDays	220.00	174.00
tblConstructionPhase	PhaseEndDate	2/14/2053	2/14/2045
tblConstructionPhase	PhaseEndDate	12/19/2053	8/14/2045
tblConstructionPhase	PhaseEndDate	10/23/2054	4/14/2046
tblConstructionPhase	PhaseStartDate	2/15/2053	2/15/2045
tblConstructionPhase	PhaseStartDate	12/20/2053	8/15/2045
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.38	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	1.37	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.26	0.00

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

tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	80.14	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.67	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	16,185.01	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	26.20	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	530.75	0.00
tblFireplaces	NumberNoFireplace	96.50	0.00
tblFireplaces	NumberWood	337.75	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	2,205,569.62	168,525.00
tblLandUse	LandUseSquareFeet	965,000.00	141,260.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00

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

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	443.90	0.00
tblSolidWaste	SolidWasteGenerationRate	29.60	0.00
tblSolidWaste	SolidWasteGenerationRate	413.82	0.00
tblSolidWaste	SolidWasteGenerationRate	13.69	0.00
tblSolidWaste	SolidWasteGenerationRate	209.68	0.00
tblSolidWaste	SolidWasteGenerationRate	2,190.00	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	80.09	0.00

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

tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	1.56	0.00
tblWater	IndoorWaterUseRate	62,873,634.72	0.00
tblWater	IndoorWaterUseRate	5,519,937.50	0.00
tblWater	IndoorWaterUseRate	4,293,792.26	0.00
tblWater	IndoorWaterUseRate	634,169.25	0.00
tblWater	IndoorWaterUseRate	7,124,171.55	0.00
tblWater	IndoorWaterUseRate	25,693,200.00	0.00
tblWater	OutdoorWaterUseRate	39,637,726.24	0.00
tblWater	OutdoorWaterUseRate	2,631,679.13	0.00
tblWater	OutdoorWaterUseRate	70,463.25	0.00
tblWater	OutdoorWaterUseRate	11,142,934.98	0.00
tblWater	OutdoorWaterUseRate	40,186,800.00	0.00
tblWoodstoves	NumberCatalytic	48.25	0.00
tblWoodstoves	NumberNoncatalytic	48.25	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

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

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2038	0.0793	0.5844	0.7616	2.9600e-003	0.5587	0.0121	0.5707	0.0901	0.0119	0.1020	0.0000	266.1546	266.1546	6.0700e-003	0.0173	271.4471
2039	0.5010	3.0789	4.3259	0.0152	4.0266	0.0721	4.0988	1.3774	0.0717	1.4491	0.0000	1,345.2511	1,345.2511	0.0390	0.0596	1,363.9942
2040	0.7050	1.9411	5.7926	0.0182	2.9703	0.0585	3.0288	1.1012	0.0585	1.1597	0.0000	1,692.6191	1,692.6191	0.0555	5.5000e-004	1,694.1707
2041	0.6923	4.5355	8.4189	0.0278	2.9753	0.0471	3.0223	0.7524	0.0464	0.7987	0.0000	2,533.2462	2,533.2462	0.0494	0.1263	2,572.1203
2042	0.6844	5.3813	9.2401	0.0309	2.1112	0.0433	2.1545	0.5715	0.0423	0.6138	0.0000	2,793.8965	2,793.8965	0.0472	0.1672	2,844.8880
2043	0.6844	5.3813	9.2401	0.0309	2.1112	0.0433	2.1545	0.5715	0.0423	0.6138	0.0000	2,793.8965	2,793.8965	0.0472	0.1672	2,844.8880
2044	0.6844	5.3813	9.2401	0.0309	2.1112	0.0433	2.1545	0.5715	0.0423	0.6138	0.0000	2,793.8965	2,793.8965	0.0472	0.1672	2,844.8880
2045	2.3231	1.2882	3.7714	8.9100e-003	0.4183	0.0220	0.4403	0.1125	0.0219	0.1344	0.0000	788.0138	788.0138	0.0189	0.0223	795.1223
2046	1.5727	0.1174	0.4247	1.0400e-003	0.0978	1.2800e-003	0.0991	0.0260	1.2700e-003	0.0273	0.0000	92.3483	92.3483	2.0200e-003	1.3000e-003	92.7867
Maximum	**2.3231**	**5.3813**	**9.2401**	**0.0309**	**4.0266**	**0.0721**	**4.0988**	**1.3774**	**0.0717**	**1.4491**	**0.0000**	**2,793.8965**	**2,793.8965**	**0.0555**	**0.1672**	**2,844.8880**

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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

	ROG	NOx	CO	SO2	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					
2038	0.0793	0.5844	0.7616	2.9600e-003	0.5587	0.0121	0.5707	0.0901	0.0119	0.1020	0.0000	266.1544	266.1544	6.0700e-003	0.0173	271.4470
2039	0.5010	3.0789	4.3259	0.0152	4.0266	0.0721	4.0988	1.3774	0.0717	1.4491	0.0000	1,345.2500	1,345.2500	0.0390	0.0596	1,363.9931
2040	0.7050	1.9411	5.7926	0.0182	2.9703	0.0585	3.0288	1.1012	0.0585	1.1597	0.0000	1,692.6171	1,692.6171	0.0555	5.5000e-004	1,694.1688
2041	0.6923	4.5355	8.4189	0.0278	2.9753	0.0471	3.0223	0.7524	0.0464	0.7987	0.0000	2,533.2450	2,533.2450	0.0494	0.1263	2,572.1190
2042	0.6844	5.3813	9.2401	0.0309	2.1112	0.0433	2.1545	0.5715	0.0423	0.6138	0.0000	2,793.8955	2,793.8955	0.0472	0.1672	2,844.8869
2043	0.6844	5.3813	9.2401	0.0309	2.1112	0.0433	2.1545	0.5715	0.0423	0.6138	0.0000	2,793.8955	2,793.8955	0.0472	0.1672	2,844.8869
2044	0.6844	5.3813	9.2401	0.0309	2.1112	0.0433	2.1545	0.5715	0.0423	0.6138	0.0000	2,793.8955	2,793.8955	0.0472	0.1672	2,844.8869
2045	2.3231	1.2882	3.7714	8.9100e-003	0.4183	0.0220	0.4403	0.1125	0.0219	0.1344	0.0000	788.0133	788.0133	0.0189	0.0223	795.1217
2046	1.5727	0.1174	0.4247	1.0400e-003	0.0978	1.2800e-003	0.0991	0.0260	1.2700e-003	0.0273	0.0000	92.3482	92.3482	2.0200e-003	1.3000e-003	92.7866
Maximum	**2.3231**	**5.3813**	**9.2401**	**0.0309**	**4.0266**	**0.0721**	**4.0988**	**1.3774**	**0.0717**	**1.4491**	**0.0000**	**2,793.8955**	**2,793.8955**	**0.0555**	**0.1672**	**2,844.8869**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**11-1-2038**	**1-31-2039**	0.9779	0.9779

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

2	**2-1-2039**	**4-30-2039**	0.9363	0.9363
3	**5-1-2039**	**7-31-2039**	0.9483	0.9483
4	**8-1-2039**	**10-31-2039**	0.8175	0.8175
5	**11-1-2039**	**1-31-2040**	0.7596	0.7596
6	**2-1-2040**	**4-30-2040**	0.6525	0.6525
7	**5-1-2040**	**7-31-2040**	0.6669	0.6669
8	**8-1-2040**	**10-31-2040**	0.6669	0.6669
9	**11-1-2040**	**1-31-2041**	0.6670	0.6670
10	**2-1-2041**	**4-30-2041**	0.9351	0.9351
11	**5-1-2041**	**7-31-2041**	1.4970	1.4970
12	**8-1-2041**	**10-31-2041**	1.5154	1.5154
13	**11-1-2041**	**1-31-2042**	1.5516	1.5516
14	**2-1-2042**	**4-30-2042**	1.4832	1.4832
15	**5-1-2042**	**7-31-2042**	1.4970	1.4970
16	**8-1-2042**	**10-31-2042**	1.5154	1.5154
17	**11-1-2042**	**1-31-2043**	1.5516	1.5516
18	**2-1-2043**	**4-30-2043**	1.4832	1.4832
19	**5-1-2043**	**7-31-2043**	1.4970	1.4970
20	**8-1-2043**	**10-31-2043**	1.5154	1.5154
21	**11-1-2043**	**1-31-2044**	1.5516	1.5516
22	**2-1-2044**	**4-30-2044**	1.5000	1.5000
23	**5-1-2044**	**7-31-2044**	1.4970	1.4970
24	**8-1-2044**	**10-31-2044**	1.5154	1.5154
25	**11-1-2044**	**1-31-2045**	1.5490	1.5490
26	**2-1-2045**	**4-30-2045**	0.5010	0.5010
27	**5-1-2045**	**7-31-2045**	0.3263	0.3263
28	**8-1-2045**	**10-31-2045**	1.3059	1.3059
29	**11-1-2045**	**1-31-2046**	1.4825	1.4825

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

30	**2-1-2046**	**4-30-2046**	1.1761	1.1761
		Highest	1.5516	1.5516

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**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	11/1/2038	8/5/2039	5	200	
2	Site Preparation	Site Preparation	8/6/2039	1/20/2040	5	120	
3	Grading	Grading	1/21/2040	3/29/2041	5	310	

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

4	Building Construction	Building Construction	3/30/2041	2/14/2045	5	1012	
5	Paving	Paving	2/15/2045	8/14/2045	5	129	
6	Architectural Coating	Architectural Coating	8/15/2045	4/14/2046	5	174	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 39.84

Residential Indoor: 286,052; Residential Outdoor: 95,351; Non-Residential Indoor: 793,478; Non-Residential Outdoor: 264,493; Striped Parking Area: 106,248 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Rubber Tired Dozers	4	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	6	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	4		9	0.56
Paving	Off-Highway Trucks	4		402	0.38

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

Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Paving	Surfacing Equipment	4		263	0.30
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	10	25.00	0.00	21,123.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	22	1,661.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	24	60.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	332.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 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					
Fugitive Dust					0.5143	0.0000	0.5143	0.0779	0.0000	0.0779	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0730	0.2934	0.6816	1.7900e-003		9.4900e-003	9.4900e-003		9.4900e-003	9.4900e-003	0.0000	154.1813	154.1813	5.7900e-003	0.0000	154.3262
Total	**0.0730**	**0.2934**	**0.6816**	**1.7900e-003**	**0.5143**	**9.4900e-003**	**0.5238**	**0.0779**	**9.4900e-003**	**0.0874**	**0.0000**	**154.1813**	**154.1813**	**5.7900e-003**	**0.0000**	**154.3262**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.5500e-003	0.2905	0.0722	1.1400e-003	0.0400	2.5600e-003	0.0426	0.0110	2.4500e-003	0.0135	0.0000	109.3871	109.3871	2.4000e-004	0.0172	114.5155
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	4.2000e-004	7.8100e-003	3.0000e-005	4.4200e-003	1.0000e-005	4.4300e-003	1.1800e-003	1.0000e-005	1.1900e-003	0.0000	2.5861	2.5861	4.0000e-005	6.0000e-005	2.6055
Total	**6.2600e-003**	**0.2909**	**0.0800**	**1.1700e-003**	**0.0444**	**2.5700e-003**	**0.0470**	**0.0122**	**2.4600e-003**	**0.0147**	**0.0000**	**111.9733**	**111.9733**	**2.8000e-004**	**0.0173**	**117.1210**

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

3.2 Demolition - 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					
Fugitive Dust					0.5143	0.0000	0.5143	0.0779	0.0000	0.0779	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0730	0.2934	0.6816	1.7900e-003		9.4900e-003	9.4900e-003		9.4900e-003	9.4900e-003	0.0000	154.1812	154.1812	5.7900e-003	0.0000	154.3260
Total	**0.0730**	**0.2934**	**0.6816**	**1.7900e-003**	**0.5143**	**9.4900e-003**	**0.5238**	**0.0779**	**9.4900e-003**	**0.0874**	**0.0000**	**154.1812**	**154.1812**	**5.7900e-003**	**0.0000**	**154.3260**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.5500e-003	0.2905	0.0722	1.1400e-003	0.0400	2.5600e-003	0.0426	0.0110	2.4500e-003	0.0135	0.0000	109.3871	109.3871	2.4000e-004	0.0172	114.5155
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	4.2000e-004	7.8100e-003	3.0000e-005	4.4200e-003	1.0000e-005	4.4300e-003	1.1800e-003	1.0000e-005	1.1900e-003	0.0000	2.5861	2.5861	4.0000e-005	6.0000e-005	2.6055
Total	**6.2600e-003**	**0.2909**	**0.0800**	**1.1700e-003**	**0.0444**	**2.5700e-003**	**0.0470**	**0.0122**	**2.4600e-003**	**0.0147**	**0.0000**	**111.9733**	**111.9733**	**2.8000e-004**	**0.0173**	**117.1210**

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

3.2 Demolition - 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					
Fugitive Dust					1.7714	0.0000	1.7714	0.2682	0.0000	0.2682	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2515	1.0107	2.3476	6.1800e-003		0.0327	0.0327		0.0327	0.0327	0.0000	531.0691	531.0691	0.0200	0.0000	531.5679
Total	**0.2515**	**1.0107**	**2.3476**	**6.1800e-003**	**1.7714**	**0.0327**	**1.8041**	**0.2682**	**0.0327**	**0.3009**	**0.0000**	**531.0691**	**531.0691**	**0.0200**	**0.0000**	**531.5679**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0191	1.0007	0.2488	3.9200e-003	0.1378	8.8100e-003	0.1466	0.0379	8.4300e-003	0.0464	0.0000	376.7779	376.7779	8.1000e-004	0.0592	394.4422
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4600e-003	1.4600e-003	0.0269	1.0000e-004	0.0152	4.0000e-005	0.0153	4.0500e-003	3.0000e-005	4.0800e-003	0.0000	8.9077	8.9077	1.4000e-004	2.1000e-004	8.9745
Total	**0.0216**	**1.0021**	**0.2757**	**4.0200e-003**	**0.1530**	**8.8500e-003**	**0.1618**	**0.0420**	**8.4600e-003**	**0.0504**	**0.0000**	**385.6857**	**385.6857**	**9.5000e-004**	**0.0594**	**403.4167**

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

3.2 Demolition - 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					
Fugitive Dust					1.7714	0.0000	1.7714	0.2682	0.0000	0.2682	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2515	1.0107	2.3476	6.1800e-003		0.0327	0.0327		0.0327	0.0327	0.0000	531.0684	531.0684	0.0200	0.0000	531.5673
Total	**0.2515**	**1.0107**	**2.3476**	**6.1800e-003**	**1.7714**	**0.0327**	**1.8041**	**0.2682**	**0.0327**	**0.3009**	**0.0000**	**531.0684**	**531.0684**	**0.0200**	**0.0000**	**531.5673**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0191	1.0007	0.2488	3.9200e-003	0.1378	8.8100e-003	0.1466	0.0379	8.4300e-003	0.0464	0.0000	376.7779	376.7779	8.1000e-004	0.0592	394.4422
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4600e-003	1.4600e-003	0.0269	1.0000e-004	0.0152	4.0000e-005	0.0153	4.0500e-003	3.0000e-005	4.0800e-003	0.0000	8.9077	8.9077	1.4000e-004	2.1000e-004	8.9745
Total	**0.0216**	**1.0021**	**0.2757**	**4.0200e-003**	**0.1530**	**8.8500e-003**	**0.1618**	**0.0420**	**8.4600e-003**	**0.0504**	**0.0000**	**385.6857**	**385.6857**	**9.5000e-004**	**0.0594**	**403.4167**

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

3.3 Site Preparation - 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					
Fugitive Dust					2.0879	0.0000	2.0879	1.0633	0.0000	1.0633	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2256	1.0647	1.6772	4.8900e-003		0.0306	0.0306		0.0306	0.0306	0.0000	420.0484	420.0484	0.0180	0.0000	420.4983
Total	**0.2256**	**1.0647**	**1.6772**	**4.8900e-003**	**2.0879**	**0.0306**	**2.1184**	**1.0633**	**0.0306**	**1.0939**	**0.0000**	**420.0484**	**420.0484**	**0.0180**	**0.0000**	**420.4983**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.3300e-003	1.3900e-003	0.0255	9.0000e-005	0.0144	3.0000e-005	0.0145	3.8400e-003	3.0000e-005	3.8700e-003	0.0000	8.4480	8.4480	1.4000e-004	2.0000e-004	8.5113
Total	**2.3300e-003**	**1.3900e-003**	**0.0255**	**9.0000e-005**	**0.0144**	**3.0000e-005**	**0.0145**	**3.8400e-003**	**3.0000e-005**	**3.8700e-003**	**0.0000**	**8.4480**	**8.4480**	**1.4000e-004**	**2.0000e-004**	**8.5113**

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

3.3 Site Preparation - 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					
Fugitive Dust					2.0879	0.0000	2.0879	1.0633	0.0000	1.0633	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2256	1.0647	1.6772	4.8900e-003		0.0306	0.0306		0.0306	0.0306	0.0000	420.0479	420.0479	0.0180	0.0000	420.4978
Total	**0.2256**	**1.0647**	**1.6772**	**4.8900e-003**	**2.0879**	**0.0306**	**2.1184**	**1.0633**	**0.0306**	**1.0939**	**0.0000**	**420.0479**	**420.0479**	**0.0180**	**0.0000**	**420.4978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.3300e-003	1.3900e-003	0.0255	9.0000e-005	0.0144	3.0000e-005	0.0145	3.8400e-003	3.0000e-005	3.8700e-003	0.0000	8.4480	8.4480	1.4000e-004	2.0000e-004	8.5113
Total	**2.3300e-003**	**1.3900e-003**	**0.0255**	**9.0000e-005**	**0.0144**	**3.0000e-005**	**0.0145**	**3.8400e-003**	**3.0000e-005**	**3.8700e-003**	**0.0000**	**8.4480**	**8.4480**	**1.4000e-004**	**2.0000e-004**	**8.5113**

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

3.3 Site Preparation - 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					
Fugitive Dust					0.4619	0.0000	0.4619	0.1696	0.0000	0.1696	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0295	0.1199	0.2367	7.0000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003	0.0000	60.0069	60.0069	2.3200e-003	0.0000	60.0650
Total	**0.0295**	**0.1199**	**0.2367**	**7.0000e-004**	**0.4619**	**3.0400e-003**	**0.4649**	**0.1696**	**3.0400e-003**	**0.1726**	**0.0000**	**60.0069**	**60.0069**	**2.3200e-003**	**0.0000**	**60.0650**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.7000e-004	1.8000e-004	3.4000e-003	1.0000e-005	2.0600e-003	0.0000	2.0700e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	1.1590	1.1590	2.0000e-005	3.0000e-005	1.1676
Total	**2.7000e-004**	**1.8000e-004**	**3.4000e-003**	**1.0000e-005**	**2.0600e-003**	**0.0000**	**2.0700e-003**	**5.5000e-004**	**0.0000**	**5.5000e-004**	**0.0000**	**1.1590**	**1.1590**	**2.0000e-005**	**3.0000e-005**	**1.1676**

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

3.3 Site Preparation - 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					
Fugitive Dust					0.4619	0.0000	0.4619	0.1696	0.0000	0.1696	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0295	0.1199	0.2367	7.0000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003	0.0000	60.0069	60.0069	2.3200e-003	0.0000	60.0649
Total	**0.0295**	**0.1199**	**0.2367**	**7.0000e-004**	**0.4619**	**3.0400e-003**	**0.4649**	**0.1696**	**3.0400e-003**	**0.1726**	**0.0000**	**60.0069**	**60.0069**	**2.3200e-003**	**0.0000**	**60.0649**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	2.7000e-004	1.8000e-004	3.4000e-003	1.0000e-005	2.0600e-003	0.0000	2.0700e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	1.1590	1.1590	2.0000e-005	3.0000e-005	1.1676
Total	**2.7000e-004**	**1.8000e-004**	**3.4000e-003**	**1.0000e-005**	**2.0600e-003**	**0.0000**	**2.0700e-003**	**5.5000e-004**	**0.0000**	**5.5000e-004**	**0.0000**	**1.1590**	**1.1590**	**2.0000e-005**	**3.0000e-005**	**1.1676**

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

3.4 Grading - 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					
Fugitive Dust					2.4677	0.0000	2.4677	0.9208	0.0000	0.9208	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6701	1.8176	5.4888	0.0172		0.0554	0.0554		0.0554	0.0554	0.0000	1,609.7310	1,609.7310	0.0529	0.0000	1,611.0534
Total	**0.6701**	**1.8176**	**5.4888**	**0.0172**	**2.4677**	**0.0554**	**2.5231**	**0.9208**	**0.0554**	**0.9762**	**0.0000**	**1,609.7310**	**1,609.7310**	**0.0529**	**0.0000**	**1,611.0534**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1100e-003	3.4000e-003	0.0637	2.4000e-004	0.0386	7.0000e-005	0.0387	0.0103	7.0000e-005	0.0104	0.0000	21.7222	21.7222	3.0000e-004	5.2000e-004	21.8847
Total	**5.1100e-003**	**3.4000e-003**	**0.0637**	**2.4000e-004**	**0.0386**	**7.0000e-005**	**0.0387**	**0.0103**	**7.0000e-005**	**0.0104**	**0.0000**	**21.7222**	**21.7222**	**3.0000e-004**	**5.2000e-004**	**21.8847**

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

3.4 Grading - 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					
Fugitive Dust					2.4677	0.0000	2.4677	0.9208	0.0000	0.9208	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6701	1.8176	5.4888	0.0172		0.0554	0.0554		0.0554	0.0554	0.0000	1,609.7291	1,609.7291	0.0529	0.0000	1,611.0515
Total	**0.6701**	**1.8176**	**5.4888**	**0.0172**	**2.4677**	**0.0554**	**2.5231**	**0.9208**	**0.0554**	**0.9762**	**0.0000**	**1,609.7291**	**1,609.7291**	**0.0529**	**0.0000**	**1,611.0515**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1100e-003	3.4000e-003	0.0637	2.4000e-004	0.0386	7.0000e-005	0.0387	0.0103	7.0000e-005	0.0104	0.0000	21.7222	21.7222	3.0000e-004	5.2000e-004	21.8847
Total	**5.1100e-003**	**3.4000e-003**	**0.0637**	**2.4000e-004**	**0.0386**	**7.0000e-005**	**0.0387**	**0.0103**	**7.0000e-005**	**0.0104**	**0.0000**	**21.7222**	**21.7222**	**3.0000e-004**	**5.2000e-004**	**21.8847**

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

3.4 Grading - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3184	0.0000	0.3184	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1743	0.4729	1.4280	4.4800e-003		0.0144	0.0144		0.0144	0.0144	0.0000	418.7918	418.7918	0.0138	0.0000	419.1359
Total	**0.1743**	**0.4729**	**1.4280**	**4.4800e-003**	**1.3717**	**0.0144**	**1.3861**	**0.3184**	**0.0144**	**0.3328**	**0.0000**	**418.7918**	**418.7918**	**0.0138**	**0.0000**	**419.1359**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3300e-003	8.8000e-004	0.0166	6.0000e-005	0.0101	2.0000e-005	0.0101	2.6800e-003	2.0000e-005	2.6900e-003	0.0000	5.6513	5.6513	8.0000e-005	1.4000e-004	5.6936
Total	**1.3300e-003**	**8.8000e-004**	**0.0166**	**6.0000e-005**	**0.0101**	**2.0000e-005**	**0.0101**	**2.6800e-003**	**2.0000e-005**	**2.6900e-003**	**0.0000**	**5.6513**	**5.6513**	**8.0000e-005**	**1.4000e-004**	**5.6936**

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

3.4 Grading - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3184	0.0000	0.3184	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1743	0.4729	1.4280	4.4800e-003		0.0144	0.0144		0.0144	0.0144	0.0000	418.7913	418.7913	0.0138	0.0000	419.1354
Total	**0.1743**	**0.4729**	**1.4280**	**4.4800e-003**	**1.3717**	**0.0144**	**1.3861**	**0.3184**	**0.0144**	**0.3328**	**0.0000**	**418.7913**	**418.7913**	**0.0138**	**0.0000**	**419.1354**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3300e-003	8.8000e-004	0.0166	6.0000e-005	0.0101	2.0000e-005	0.0101	2.6800e-003	2.0000e-005	2.6900e-003	0.0000	5.6513	5.6513	8.0000e-005	1.4000e-004	5.6936
Total	**1.3300e-003**	**8.8000e-004**	**0.0166**	**6.0000e-005**	**0.0101**	**2.0000e-005**	**0.0101**	**2.6800e-003**	**2.0000e-005**	**2.6900e-003**	**0.0000**	**5.6513**	**5.6513**	**8.0000e-005**	**1.4000e-004**	**5.6936**

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

3.5 Building Construction - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2976	1.8820	4.2016	7.9000e-003		0.0182	0.0182		0.0182	0.0182	0.0000	666.2617	666.2617	0.0235	0.0000	666.8493
Total	**0.2976**	**1.8820**	**4.2016**	**7.9000e-003**		**0.0182**	**0.0182**		**0.0182**	**0.0182**	**0.0000**	**666.2617**	**666.2617**	**0.0235**	**0.0000**	**666.8493**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0490	2.0668	0.6537	7.5200e-003	0.3087	0.0120	0.3207	0.0894	0.0115	0.1009	0.0000	720.1965	720.1965	2.2300e-003	0.1089	752.6938
Worker	0.1701	0.1129	2.1190	7.8800e-003	1.2848	2.4500e-003	1.2873	0.3420	2.2600e-003	0.3442	0.0000	722.3450	722.3450	9.8600e-003	0.0173	727.7478
Total	**0.2190**	**2.1797**	**2.7727**	**0.0154**	**1.5935**	**0.0145**	**1.6080**	**0.4313**	**0.0138**	**0.4451**	**0.0000**	**1,442.5415**	**1,442.5415**	**0.0121**	**0.1262**	**1,480.4416**

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

3.5 Building Construction - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2976	1.8820	4.2016	7.9000e-003		0.0182	0.0182		0.0182	0.0182	0.0000	666.2609	666.2609	0.0235	0.0000	666.8485
Total	**0.2976**	**1.8820**	**4.2016**	**7.9000e-003**		**0.0182**	**0.0182**		**0.0182**	**0.0182**	**0.0000**	**666.2609**	**666.2609**	**0.0235**	**0.0000**	**666.8485**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0490	2.0668	0.6537	7.5200e-003	0.3087	0.0120	0.3207	0.0894	0.0115	0.1009	0.0000	720.1965	720.1965	2.2300e-003	0.1089	752.6938
Worker	0.1701	0.1129	2.1190	7.8800e-003	1.2848	2.4500e-003	1.2873	0.3420	2.2600e-003	0.3442	0.0000	722.3450	722.3450	9.8600e-003	0.0173	727.7478
Total	**0.2190**	**2.1797**	**2.7727**	**0.0154**	**1.5935**	**0.0145**	**1.6080**	**0.4313**	**0.0138**	**0.4451**	**0.0000**	**1,442.5415**	**1,442.5415**	**0.0121**	**0.1262**	**1,480.4416**

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

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3942	2.4934	5.5666	0.0105		0.0241	0.0241		0.0241	0.0241	0.0000	882.7122	882.7122	0.0311	0.0000	883.4907
Total	**0.3942**	**2.4934**	**5.5666**	**0.0105**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**882.7122**	**882.7122**	**0.0311**	**0.0000**	**883.4907**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0649	2.7383	0.8661	9.9600e-003	0.4090	0.0159	0.4249	0.1184	0.0152	0.1336	0.0000	954.1689	954.1689	2.9600e-003	0.1442	997.2237
Worker	0.2253	0.1496	2.8074	0.0104	1.7022	3.2500e-003	1.7055	0.4531	2.9900e-003	0.4561	0.0000	957.0155	957.0155	0.0131	0.0229	964.1735
Total	**0.2902**	**2.8879**	**3.6735**	**0.0204**	**2.1112**	**0.0192**	**2.1304**	**0.5715**	**0.0182**	**0.5897**	**0.0000**	**1,911.1844**	**1,911.1844**	**0.0160**	**0.1672**	**1,961.3972**

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

3.5 Building Construction - 2042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3942	2.4934	5.5666	0.0105		0.0241	0.0241		0.0241	0.0241	0.0000	882.7111	882.7111	0.0311	0.0000	883.4897
Total	**0.3942**	**2.4934**	**5.5666**	**0.0105**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**882.7111**	**882.7111**	**0.0311**	**0.0000**	**883.4897**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0649	2.7383	0.8661	9.9600e-003	0.4090	0.0159	0.4249	0.1184	0.0152	0.1336	0.0000	954.1689	954.1689	2.9600e-003	0.1442	997.2237
Worker	0.2253	0.1496	2.8074	0.0104	1.7022	3.2500e-003	1.7055	0.4531	2.9900e-003	0.4561	0.0000	957.0155	957.0155	0.0131	0.0229	964.1735
Total	**0.2902**	**2.8879**	**3.6735**	**0.0204**	**2.1112**	**0.0192**	**2.1304**	**0.5715**	**0.0182**	**0.5897**	**0.0000**	**1,911.1844**	**1,911.1844**	**0.0160**	**0.1672**	**1,961.3972**

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

3.5 Building Construction - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3942	2.4934	5.5666	0.0105		0.0241	0.0241		0.0241	0.0241	0.0000	882.7122	882.7122	0.0311	0.0000	883.4907
Total	**0.3942**	**2.4934**	**5.5666**	**0.0105**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**882.7122**	**882.7122**	**0.0311**	**0.0000**	**883.4907**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0649	2.7383	0.8661	9.9600e-003	0.4090	0.0159	0.4249	0.1184	0.0152	0.1336	0.0000	954.1689	954.1689	2.9600e-003	0.1442	997.2237
Worker	0.2253	0.1496	2.8074	0.0104	1.7022	3.2500e-003	1.7055	0.4531	2.9900e-003	0.4561	0.0000	957.0155	957.0155	0.0131	0.0229	964.1735
Total	**0.2902**	**2.8879**	**3.6735**	**0.0204**	**2.1112**	**0.0192**	**2.1304**	**0.5715**	**0.0182**	**0.5897**	**0.0000**	**1,911.1844**	**1,911.1844**	**0.0160**	**0.1672**	**1,961.3972**

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

3.5 Building Construction - 2043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3942	2.4934	5.5666	0.0105		0.0241	0.0241		0.0241	0.0241	0.0000	882.7111	882.7111	0.0311	0.0000	883.4897
Total	**0.3942**	**2.4934**	**5.5666**	**0.0105**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**882.7111**	**882.7111**	**0.0311**	**0.0000**	**883.4897**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0649	2.7383	0.8661	9.9600e-003	0.4090	0.0159	0.4249	0.1184	0.0152	0.1336	0.0000	954.1689	954.1689	2.9600e-003	0.1442	997.2237
Worker	0.2253	0.1496	2.8074	0.0104	1.7022	3.2500e-003	1.7055	0.4531	2.9900e-003	0.4561	0.0000	957.0155	957.0155	0.0131	0.0229	964.1735
Total	**0.2902**	**2.8879**	**3.6735**	**0.0204**	**2.1112**	**0.0192**	**2.1304**	**0.5715**	**0.0182**	**0.5897**	**0.0000**	**1,911.1844**	**1,911.1844**	**0.0160**	**0.1672**	**1,961.3972**

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

3.5 Building Construction - 2044

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3942	2.4934	5.5666	0.0105		0.0241	0.0241		0.0241	0.0241	0.0000	882.7122	882.7122	0.0311	0.0000	883.4907
Total	**0.3942**	**2.4934**	**5.5666**	**0.0105**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**882.7122**	**882.7122**	**0.0311**	**0.0000**	**883.4907**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0649	2.7383	0.8661	9.9600e-003	0.4090	0.0159	0.4249	0.1184	0.0152	0.1336	0.0000	954.1689	954.1689	2.9600e-003	0.1442	997.2237
Worker	0.2253	0.1496	2.8074	0.0104	1.7022	3.2500e-003	1.7055	0.4531	2.9900e-003	0.4561	0.0000	957.0155	957.0155	0.0131	0.0229	964.1735
Total	**0.2902**	**2.8879**	**3.6735**	**0.0204**	**2.1112**	**0.0192**	**2.1304**	**0.5715**	**0.0182**	**0.5897**	**0.0000**	**1,911.1844**	**1,911.1844**	**0.0160**	**0.1672**	**1,961.3972**

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

3.5 Building Construction - 2044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3942	2.4934	5.5666	0.0105		0.0241	0.0241		0.0241	0.0241	0.0000	882.7111	882.7111	0.0311	0.0000	883.4897
Total	**0.3942**	**2.4934**	**5.5666**	**0.0105**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**882.7111**	**882.7111**	**0.0311**	**0.0000**	**883.4897**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0649	2.7383	0.8661	9.9600e-003	0.4090	0.0159	0.4249	0.1184	0.0152	0.1336	0.0000	954.1689	954.1689	2.9600e-003	0.1442	997.2237
Worker	0.2253	0.1496	2.8074	0.0104	1.7022	3.2500e-003	1.7055	0.4531	2.9900e-003	0.4561	0.0000	957.0155	957.0155	0.0131	0.0229	964.1735
Total	**0.2902**	**2.8879**	**3.6735**	**0.0204**	**2.1112**	**0.0192**	**2.1304**	**0.5715**	**0.0182**	**0.5897**	**0.0000**	**1,911.1844**	**1,911.1844**	**0.0160**	**0.1672**	**1,961.3972**

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

3.5 Building Construction - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0483	0.3057	0.6825	1.2800e-003		2.9600e-003	2.9600e-003		2.9600e-003	2.9600e-003	0.0000	108.2253	108.2253	3.8200e-003	0.0000	108.3207
Total	**0.0483**	**0.3057**	**0.6825**	**1.2800e-003**		**2.9600e-003**	**2.9600e-003**		**2.9600e-003**	**2.9600e-003**	**0.0000**	**108.2253**	**108.2253**	**3.8200e-003**	**0.0000**	**108.3207**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	7.9900e-003	0.3356	0.1065	1.2000e-003	0.0502	1.9600e-003	0.0521	0.0145	1.8700e-003	0.0164	0.0000	114.8292	114.8292	3.6000e-004	0.0174	120.0126
Worker	0.0246	0.0178	0.3328	1.2600e-003	0.2087	3.5000e-004	0.2091	0.0556	3.3000e-004	0.0559	0.0000	115.3750	115.3750	1.4400e-003	2.7800e-003	116.2389
Total	**0.0326**	**0.3533**	**0.4393**	**2.4600e-003**	**0.2589**	**2.3100e-003**	**0.2612**	**0.0701**	**2.2000e-003**	**0.0723**	**0.0000**	**230.2042**	**230.2042**	**1.8000e-003**	**0.0201**	**236.2515**

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

3.5 Building Construction - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0483	0.3057	0.6825	1.2800e-003		2.9600e-003	2.9600e-003		2.9600e-003	2.9600e-003	0.0000	108.2251	108.2251	3.8200e-003	0.0000	108.3206
Total	**0.0483**	**0.3057**	**0.6825**	**1.2800e-003**		**2.9600e-003**	**2.9600e-003**		**2.9600e-003**	**2.9600e-003**	**0.0000**	**108.2251**	**108.2251**	**3.8200e-003**	**0.0000**	**108.3206**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	7.9900e-003	0.3356	0.1065	1.2000e-003	0.0502	1.9600e-003	0.0521	0.0145	1.8700e-003	0.0164	0.0000	114.8292	114.8292	3.6000e-004	0.0174	120.0126
Worker	0.0246	0.0178	0.3328	1.2600e-003	0.2087	3.5000e-004	0.2091	0.0556	3.3000e-004	0.0559	0.0000	115.3750	115.3750	1.4400e-003	2.7800e-003	116.2389
Total	**0.0326**	**0.3533**	**0.4393**	**2.4600e-003**	**0.2589**	**2.3100e-003**	**0.2612**	**0.0701**	**2.2000e-003**	**0.0723**	**0.0000**	**230.2042**	**230.2042**	**1.8000e-003**	**0.0201**	**236.2515**

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

3.6 Paving - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1305	0.4717	2.0405	3.6200e-003		0.0150	0.0150		0.0150	0.0150	0.0000	310.8837	310.8837	0.0105	0.0000	311.1450
Paving	0.0321					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1625**	**0.4717**	**2.0405**	**3.6200e-003**		**0.0150**	**0.0150**		**0.0150**	**0.0150**	**0.0000**	**310.8837**	**310.8837**	**0.0105**	**0.0000**	**311.1450**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	3.5900e-003	2.5900e-003	0.0485	1.8000e-004	0.0304	5.0000e-005	0.0304	8.0900e-003	5.0000e-005	8.1400e-003	0.0000	16.8009	16.8009	2.1000e-004	4.0000e-004	16.9267
Total	**3.5900e-003**	**2.5900e-003**	**0.0485**	**1.8000e-004**	**0.0304**	**5.0000e-005**	**0.0304**	**8.0900e-003**	**5.0000e-005**	**8.1400e-003**	**0.0000**	**16.8009**	**16.8009**	**2.1000e-004**	**4.0000e-004**	**16.9267**

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

3.6 Paving - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1305	0.4717	2.0405	3.6200e-003		0.0150	0.0150		0.0150	0.0150	0.0000	310.8834	310.8834	0.0105	0.0000	311.1446
Paving	0.0321					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1625**	**0.4717**	**2.0405**	**3.6200e-003**		**0.0150**	**0.0150**		**0.0150**	**0.0150**	**0.0000**	**310.8834**	**310.8834**	**0.0105**	**0.0000**	**311.1446**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	3.5900e-003	2.5900e-003	0.0485	1.8000e-004	0.0304	5.0000e-005	0.0304	8.0900e-003	5.0000e-005	8.1400e-003	0.0000	16.8009	16.8009	2.1000e-004	4.0000e-004	16.9267
Total	**3.5900e-003**	**2.5900e-003**	**0.0485**	**1.8000e-004**	**0.0304**	**5.0000e-005**	**0.0304**	**8.0900e-003**	**5.0000e-005**	**8.1400e-003**	**0.0000**	**16.8009**	**16.8009**	**2.1000e-004**	**4.0000e-004**	**16.9267**

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0380					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0228	0.1440	0.3549	5.9000e-004		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	50.5544	50.5544	1.7800e-003	0.0000	50.5989
Total	**2.0608**	**0.1440**	**0.3549**	**5.9000e-004**		**1.4700e-003**	**1.4700e-003**		**1.4700e-003**	**1.4700e-003**	**0.0000**	**50.5544**	**50.5544**	**1.7800e-003**	**0.0000**	**50.5989**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0152	0.0110	0.2058	7.8000e-004	0.1291	2.2000e-004	0.1293	0.0344	2.0000e-004	0.0346	0.0000	71.3453	71.3453	8.9000e-004	1.7200e-003	71.8795
Total	**0.0152**	**0.0110**	**0.2058**	**7.8000e-004**	**0.1291**	**2.2000e-004**	**0.1293**	**0.0344**	**2.0000e-004**	**0.0346**	**0.0000**	**71.3453**	**71.3453**	**8.9000e-004**	**1.7200e-003**	**71.8795**

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

3.7 Architectural Coating - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.0380					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0228	0.1440	0.3549	5.9000e-004		1.4700e-003	1.4700e-003		1.4700e-003	1.4700e-003	0.0000	50.5544	50.5544	1.7800e-003	0.0000	50.5988
Total	**2.0608**	**0.1440**	**0.3549**	**5.9000e-004**		**1.4700e-003**	**1.4700e-003**		**1.4700e-003**	**1.4700e-003**	**0.0000**	**50.5544**	**50.5544**	**1.7800e-003**	**0.0000**	**50.5988**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0152	0.0110	0.2058	7.8000e-004	0.1291	2.2000e-004	0.1293	0.0344	2.0000e-004	0.0346	0.0000	71.3453	71.3453	8.9000e-004	1.7200e-003	71.8795
Total	**0.0152**	**0.0110**	**0.2058**	**7.8000e-004**	**0.1291**	**2.2000e-004**	**0.1293**	**0.0344**	**2.0000e-004**	**0.0346**	**0.0000**	**71.3453**	**71.3453**	**8.9000e-004**	**1.7200e-003**	**71.8795**

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

3.7 Architectural Coating - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5440					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1091	0.2688	4.5000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	38.2988	38.2988	1.3500e-003	0.0000	38.3325
Total	**1.5612**	**0.1091**	**0.2688**	**4.5000e-004**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**38.2988**	**38.2988**	**1.3500e-003**	**0.0000**	**38.3325**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0115	8.3200e-003	0.1559	5.9000e-004	0.0978	1.7000e-004	0.0979	0.0260	1.5000e-004	0.0262	0.0000	54.0495	54.0495	6.7000e-004	1.3000e-003	54.4542
Total	**0.0115**	**8.3200e-003**	**0.1559**	**5.9000e-004**	**0.0978**	**1.7000e-004**	**0.0979**	**0.0260**	**1.5000e-004**	**0.0262**	**0.0000**	**54.0495**	**54.0495**	**6.7000e-004**	**1.3000e-003**	**54.4542**

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

3.7 Architectural Coating - 2046

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5440					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1091	0.2688	4.5000e-004		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	38.2988	38.2988	1.3500e-003	0.0000	38.3325
Total	**1.5612**	**0.1091**	**0.2688**	**4.5000e-004**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**38.2988**	**38.2988**	**1.3500e-003**	**0.0000**	**38.3325**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0115	8.3200e-003	0.1559	5.9000e-004	0.0978	1.7000e-004	0.0979	0.0260	1.5000e-004	0.0262	0.0000	54.0495	54.0495	6.7000e-004	1.3000e-003	54.4542
Total	**0.0115**	**8.3200e-003**	**0.1559**	**5.9000e-004**	**0.0978**	**1.7000e-004**	**0.0979**	**0.0260**	**1.5000e-004**	**0.0262**	**0.0000**	**54.0495**	**54.0495**	**6.7000e-004**	**1.3000e-003**	**54.4542**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

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
Condo/Townhouse	10.80	7.30	7.50	42.60	21.00	36.40	86	11	3
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
University/College (4yr)	9.50	7.30	7.30	6.40	88.60	5.00	91	9	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Enclosed Parking Structure	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
General Light Industry	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Health Club	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Hotel	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Library	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Parking Lot	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
University/College (4yr)	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Annual

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

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

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

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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	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

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

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

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

CSU Placer Center_Const Only Phase 3

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Library	227.69	1000sqft	5.23	227,690.00	0
University/College (4yr)	12,000.00	Student	50.63	168,525.00	0
General Light Industry	23.87	1000sqft	0.55	23,870.00	0
Enclosed Parking Structure	1,108.00	Space	9.97	443,200.00	0
Enclosed Parking Structure	598.00	Space	5.38	239,200.00	0
Parking Lot	2,721.00	Space	24.49	1,088,400.00	0
Health Club	72.60	1000sqft	1.67	72,600.00	0
Hotel	25.00	Room	0.83	36,300.00	0
Condo/Townhouse	965.00	Dwelling Unit	60.31	141,260.00	2760

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2050
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - SF based on projecet description phasing table. Hotel size based on PD SF and default Caleemod room / sf ration (i.e., 1452 sf/room)

Construction Phase - adjusted schedule from default to match anticipated project buildout timing

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Summer

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

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Demolition - based on default SF/parking space (i.e., 400 sf) and number of spaces that would be removed.

Grading -

Vehicle Trips - run used for phase 3 construction only

Road Dust - run used for phase 3 construction only

Woodstoves - run used for phase 3 construction only

Consumer Products - run used for phase 3 construction only

Area Coating - run used for phase 3 construction only

Landscape Equipment - run used for phase 3 construction only

Energy Use - run used for phase 3 construction only

Water And Wastewater - run used for phase 3 construction only

Solid Waste - run used for phase 3 construction only

Area Mitigation - run used for phase 3 construction only

Off-road Equipment - adding additional equipment

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Nonresidential_Exterior	264493	0
tblAreaCoating	Area_Nonresidential_Interior	793478	0
tblAreaCoating	Area_Parking	106248	0
tblAreaCoating	Area_Residential_Exterior	95351	0
tblAreaCoating	Area_Residential_Interior	286052	0

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

tblConstructionPhase	NumDays	3,100.00	1,012.00
tblConstructionPhase	NumDays	220.00	129.00
tblConstructionPhase	NumDays	220.00	174.00
tblConstructionPhase	PhaseEndDate	2/14/2053	2/14/2045
tblConstructionPhase	PhaseEndDate	12/19/2053	8/14/2045
tblConstructionPhase	PhaseEndDate	10/23/2054	4/14/2046
tblConstructionPhase	PhaseStartDate	2/15/2053	2/15/2045
tblConstructionPhase	PhaseStartDate	12/20/2053	8/15/2045
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.38	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	1.37	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.26	0.00

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

tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	80.14	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.67	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	16,185.01	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	26.20	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	530.75	0.00
tblFireplaces	NumberNoFireplace	96.50	0.00
tblFireplaces	NumberWood	337.75	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	2,205,569.62	168,525.00
tblLandUse	LandUseSquareFeet	965,000.00	141,260.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00

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

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	443.90	0.00
tblSolidWaste	SolidWasteGenerationRate	29.60	0.00
tblSolidWaste	SolidWasteGenerationRate	413.82	0.00
tblSolidWaste	SolidWasteGenerationRate	13.69	0.00
tblSolidWaste	SolidWasteGenerationRate	209.68	0.00
tblSolidWaste	SolidWasteGenerationRate	2,190.00	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	80.09	0.00

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

tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	1.56	0.00
tblWater	IndoorWaterUseRate	62,873,634.72	0.00
tblWater	IndoorWaterUseRate	5,519,937.50	0.00
tblWater	IndoorWaterUseRate	4,293,792.26	0.00
tblWater	IndoorWaterUseRate	634,169.25	0.00
tblWater	IndoorWaterUseRate	7,124,171.55	0.00
tblWater	IndoorWaterUseRate	25,693,200.00	0.00
tblWater	OutdoorWaterUseRate	39,637,726.24	0.00
tblWater	OutdoorWaterUseRate	2,631,679.13	0.00
tblWater	OutdoorWaterUseRate	70,463.25	0.00
tblWater	OutdoorWaterUseRate	11,142,934.98	0.00
tblWater	OutdoorWaterUseRate	40,186,800.00	0.00
tblWoodstoves	NumberCatalytic	48.25	0.00
tblWoodstoves	NumberNoncatalytic	48.25	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Summer

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)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2038	3.5361	25.3240	33.8641	0.1317	24.9103	0.5358	25.4461	4.0219	0.5308	4.5527	0.0000	13,046.5057	13,046.5057	0.2976	0.8443	13,305.5576
2039	4.3470	25.3240	33.8641	0.1317	39.6015	0.5829	40.1844	20.2812	0.5828	20.8640	0.0000	13,046.5057	13,046.5057	0.3804	0.8443	13,305.5576
2040	5.4948	16.0103	45.2063	0.1420	39.6015	0.4506	40.0072	20.2812	0.4506	20.6868	0.0000	14,637.5435	14,637.5435	0.4765	4.3300e-003	14,650.7459
2041	5.4948	40.0873	73.3577	0.2432	18.7358	0.4506	19.1864	7.3947	0.4506	7.8453	0.0000	24,282.6418	24,282.6418	0.4765	1.3964	24,708.5003
2042	5.4743	40.0873	73.3577	0.2432	16.8964	0.3313	17.2277	4.5554	0.3241	4.8795	0.0000	24,282.6418	24,282.6418	0.3889	1.3964	24,708.5003
2043	5.4743	40.0873	73.3577	0.2432	16.8964	0.3313	17.2277	4.5554	0.3241	4.8795	0.0000	24,282.6418	24,282.6418	0.3889	1.3964	24,708.5003
2044	5.4743	40.0873	73.3577	0.2432	16.8964	0.3313	17.2277	4.5554	0.3241	4.8795	0.0000	24,282.6418	24,282.6418	0.3889	1.3964	24,708.5003
2045	41.9755	40.0426	72.6221	0.2404	16.8963	0.3291	17.2253	4.5553	0.3220	4.8773	0.0000	23,988.1008	23,988.1008	0.3787	1.3724	24,406.5274
2046	41.9755	3.1070	11.8481	0.0290	2.7273	0.0342	2.7614	0.7234	0.0338	0.7572	0.0000	2,850.6282	2,850.6282	0.0576	0.0355	2,862.6596
Maximum	**41.9755**	**40.0873**	**73.3577**	**0.2432**	**39.6015**	**0.5829**	**40.1844**	**20.2812**	**0.5828**	**20.8640**	**0.0000**	**24,282.6418**	**24,282.6418**	**0.4765**	**1.3964**	**24,708.5003**

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Summer

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

	ROG	NOx	CO	SO2	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					
2038	3.5361	25.3240	33.8641	0.1317	24.9103	0.5358	25.4461	4.0219	0.5308	4.5527	0.0000	13,046.5057	13,046.5057	0.2976	0.8443	13,305.5576
2039	4.3470	25.3240	33.8641	0.1317	39.6015	0.5829	40.1844	20.2812	0.5828	20.8640	0.0000	13,046.5057	13,046.5057	0.3804	0.8443	13,305.5576
2040	5.4948	16.0103	45.2063	0.1420	39.6015	0.4506	40.0072	20.2812	0.4506	20.6868	0.0000	14,637.5435	14,637.5435	0.4765	4.3300e-003	14,650.7459
2041	5.4948	40.0873	73.3577	0.2432	18.7358	0.4506	19.1864	7.3947	0.4506	7.8453	0.0000	24,282.6418	24,282.6418	0.4765	1.3964	24,708.5003
2042	5.4743	40.0873	73.3577	0.2432	16.8964	0.3313	17.2277	4.5554	0.3241	4.8795	0.0000	24,282.6418	24,282.6418	0.3889	1.3964	24,708.5003
2043	5.4743	40.0873	73.3577	0.2432	16.8964	0.3313	17.2277	4.5554	0.3241	4.8795	0.0000	24,282.6418	24,282.6418	0.3889	1.3964	24,708.5003
2044	5.4743	40.0873	73.3577	0.2432	16.8964	0.3313	17.2277	4.5554	0.3241	4.8795	0.0000	24,282.6418	24,282.6418	0.3889	1.3964	24,708.5003
2045	41.9755	40.0426	72.6221	0.2404	16.8963	0.3291	17.2253	4.5553	0.3220	4.8773	0.0000	23,988.1008	23,988.1008	0.3787	1.3724	24,406.5274
2046	41.9755	3.1070	11.8481	0.0290	2.7273	0.0342	2.7614	0.7234	0.0338	0.7572	0.0000	2,850.6282	2,850.6282	0.0576	0.0355	2,862.6596
Maximum	**41.9755**	**40.0873**	**73.3577**	**0.2432**	**39.6015**	**0.5829**	**40.1844**	**20.2812**	**0.5828**	**20.8640**	**0.0000**	**24,282.6418**	**24,282.6418**	**0.4765**	**1.3964**	**24,708.5003**

	ROG	NOx	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**

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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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	11/1/2038	8/5/2039	5	200	
2	Site Preparation	Site Preparation	8/6/2039	1/20/2040	5	120	
3	Grading	Grading	1/21/2040	3/29/2041	5	310	
4	Building Construction	Building Construction	3/30/2041	2/14/2045	5	1012	
5	Paving	Paving	2/15/2045	8/14/2045	5	129	
6	Architectural Coating	Architectural Coating	8/15/2045	4/14/2046	5	174	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 39.84

Residential Indoor: 286,052; Residential Outdoor: 95,351; Non-Residential Indoor: 793,478; Non-Residential Outdoor: 264,493; Striped Parking Area: 106,248 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Rubber Tired Dozers	4	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	6	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	8	8.00	97	0.37

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

Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	4		9	0.56
Paving	Off-Highway Trucks	4		402	0.38
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Paving	Surfacing Equipment	4		263	0.30
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	10	25.00	0.00	21,123.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	22	1,661.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	24	60.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	332.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 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					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217		7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**		**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2551	12.2662	3.1839	0.0506	1.8483	0.1136	1.9618	0.5067	0.1087	0.6154		5,355.4025	5,355.4025	0.0120	0.8415	5,606.4788
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0360	0.0169	0.3891	1.3600e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		137.5106	137.5106	1.8400e-003	2.8000e-003	138.3912
Total	**0.2911**	**12.2830**	**3.5731**	**0.0520**	**2.0536**	**0.1140**	**2.1677**	**0.5612**	**0.1091**	**0.6703**		**5,492.9131**	**5,492.9131**	**0.0138**	**0.8443**	**5,744.8700**

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217	0.0000	7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**	**0.0000**	**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2551	12.2662	3.1839	0.0506	1.8483	0.1136	1.9618	0.5067	0.1087	0.6154		5,355.4025	5,355.4025	0.0120	0.8415	5,606.4788
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0360	0.0169	0.3891	1.3600e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		137.5106	137.5106	1.8400e-003	2.8000e-003	138.3912
Total	**0.2911**	**12.2830**	**3.5731**	**0.0520**	**2.0536**	**0.1140**	**2.1677**	**0.5612**	**0.1091**	**0.6703**		**5,492.9131**	**5,492.9131**	**0.0138**	**0.8443**	**5,744.8700**

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

3.2 Demolition - 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					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217		7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**		**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2551	12.2662	3.1839	0.0506	1.8483	0.1136	1.9618	0.5067	0.1087	0.6154		5,355.4025	5,355.4025	0.0120	0.8415	5,606.4788
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0360	0.0169	0.3891	1.3600e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		137.5106	137.5106	1.8400e-003	2.8000e-003	138.3912
Total	**0.2911**	**12.2830**	**3.5731**	**0.0520**	**2.0536**	**0.1140**	**2.1677**	**0.5612**	**0.1091**	**0.6703**		**5,492.9131**	**5,492.9131**	**0.0138**	**0.8443**	**5,744.8700**

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217	0.0000	7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**	**0.0000**	**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2551	12.2662	3.1839	0.0506	1.8483	0.1136	1.9618	0.5067	0.1087	0.6154		5,355.4025	5,355.4025	0.0120	0.8415	5,606.4788
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0360	0.0169	0.3891	1.3600e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		137.5106	137.5106	1.8400e-003	2.8000e-003	138.3912
Total	**0.2911**	**12.2830**	**3.5731**	**0.0520**	**2.0536**	**0.1140**	**2.1677**	**0.5612**	**0.1091**	**0.6703**		**5,492.9131**	**5,492.9131**	**0.0138**	**0.8443**	**5,744.8700**

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Summer

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

3.3 Site Preparation - 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					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	4.2967	20.2799	31.9462	0.0931		0.5822	0.5822		0.5822	0.5822		8,819.5074	8,819.5074	0.3779		8,828.9536
Total	**4.2967**	**20.2799**	**31.9462**	**0.0931**	**39.3140**	**0.5822**	**39.8962**	**20.2049**	**0.5822**	**20.7871**		**8,819.5074**	**8,819.5074**	**0.3779**		**8,828.9536**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0504	0.0236	0.5448	1.9000e-003	0.2875	6.6000e-004	0.2882	0.0763	6.1000e-004	0.0769		192.5149	192.5149	2.5800e-003	3.9200e-003	193.7477
Total	**0.0504**	**0.0236**	**0.5448**	**1.9000e-003**	**0.2875**	**6.6000e-004**	**0.2882**	**0.0763**	**6.1000e-004**	**0.0769**		**192.5149**	**192.5149**	**2.5800e-003**	**3.9200e-003**	**193.7477**

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	4.2967	20.2799	31.9462	0.0931		0.5822	0.5822		0.5822	0.5822	0.0000	8,819.5074	8,819.5074	0.3779		8,828.9536
Total	**4.2967**	**20.2799**	**31.9462**	**0.0931**	**39.3140**	**0.5822**	**39.8962**	**20.2049**	**0.5822**	**20.7871**	**0.0000**	**8,819.5074**	**8,819.5074**	**0.3779**		**8,828.9536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0504	0.0236	0.5448	1.9000e-003	0.2875	6.6000e-004	0.2882	0.0763	6.1000e-004	0.0769		192.5149	192.5149	2.5800e-003	3.9200e-003	193.7477
Total	**0.0504**	**0.0236**	**0.5448**	**1.9000e-003**	**0.2875**	**6.6000e-004**	**0.2882**	**0.0763**	**6.1000e-004**	**0.0769**		**192.5149**	**192.5149**	**2.5800e-003**	**3.9200e-003**	**193.7477**

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

3.3 Site Preparation - 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					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	3.9314	15.9887	31.5594	0.0931		0.4051	0.4051		0.4051	0.4051		8,819.5074	8,819.5074	0.3414		8,828.0429
Total	**3.9314**	**15.9887**	**31.5594**	**0.0931**	**39.3140**	**0.4051**	**39.7192**	**20.2049**	**0.4051**	**20.6100**		**8,819.5074**	**8,819.5074**	**0.3414**		**8,828.0429**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0408	0.0216	0.5092	1.8300e-003	0.2875	5.2000e-004	0.2880	0.0763	4.8000e-004	0.0768		184.9106	184.9106	2.1100e-003	3.7900e-003	186.0927
Total	**0.0408**	**0.0216**	**0.5092**	**1.8300e-003**	**0.2875**	**5.2000e-004**	**0.2880**	**0.0763**	**4.8000e-004**	**0.0768**		**184.9106**	**184.9106**	**2.1100e-003**	**3.7900e-003**	**186.0927**

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	3.9314	15.9887	31.5594	0.0931		0.4051	0.4051		0.4051	0.4051	0.0000	8,819.5074	8,819.5074	0.3414		8,828.0429
Total	**3.9314**	**15.9887**	**31.5594**	**0.0931**	**39.3140**	**0.4051**	**39.7192**	**20.2049**	**0.4051**	**20.6100**	**0.0000**	**8,819.5074**	**8,819.5074**	**0.3414**		**8,828.0429**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0408	0.0216	0.5092	1.8300e-003	0.2875	5.2000e-004	0.2880	0.0763	4.8000e-004	0.0768		184.9106	184.9106	2.1100e-003	3.7900e-003	186.0927
Total	**0.0408**	**0.0216**	**0.5092**	**1.8300e-003**	**0.2875**	**5.2000e-004**	**0.2880**	**0.0763**	**4.8000e-004**	**0.0768**		**184.9106**	**184.9106**	**2.1100e-003**	**3.7900e-003**	**186.0927**

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

3.4 Grading - 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					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500		14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**		**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0467	0.0247	0.5819	2.0900e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		211.3264	211.3264	2.4100e-003	4.3300e-003	212.6774
Total	**0.0467**	**0.0247**	**0.5819**	**2.0900e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**211.3264**	**211.3264**	**2.4100e-003**	**4.3300e-003**	**212.6774**

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

3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500	0.0000	14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**	**0.0000**	**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0467	0.0247	0.5819	2.0900e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		211.3264	211.3264	2.4100e-003	4.3300e-003	212.6774
Total	**0.0467**	**0.0247**	**0.5819**	**2.0900e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**211.3264**	**211.3264**	**2.4100e-003**	**4.3300e-003**	**212.6774**

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

3.4 Grading - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500		14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**		**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0467	0.0247	0.5819	2.0900e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		211.3264	211.3264	2.4100e-003	4.3300e-003	212.6774
Total	**0.0467**	**0.0247**	**0.5819**	**2.0900e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**211.3264**	**211.3264**	**2.4100e-003**	**4.3300e-003**	**212.6774**

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Summer

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

3.4 Grading - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500	0.0000	14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**	**0.0000**	**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0467	0.0247	0.5819	2.0900e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		211.3264	211.3264	2.4100e-003	4.3300e-003	212.6774
Total	**0.0467**	**0.0247**	**0.5819**	**2.0900e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**211.3264**	**211.3264**	**2.4100e-003**	**4.3300e-003**	**212.6774**

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

3.5 Building Construction - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2044

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5165	19.9541	6.5384	0.0762	3.2516	0.1217	3.3734	0.9362	0.1165	1.0526		8,051.1919	8,051.1919	0.0258	1.2166	8,414.3767
Worker	1.9371	1.0267	24.1631	0.0868	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		8,775.3303	8,775.3303	0.1001	0.1799	8,831.4279
Total	**2.4535**	**20.9808**	**30.7015**	**0.1630**	**16.8964**	**0.1466**	**17.0430**	**4.5554**	**0.1394**	**4.6947**		**16,826.5222**	**16,826.5222**	**0.1259**	**1.3964**	**17,245.8046**

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

3.5 Building Construction - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5189	19.9410	6.5573	0.0748	3.2515	0.1222	3.3737	0.9361	0.1169	1.0530		7,902.6060	7,902.6060	0.0258	1.1945	8,259.2185
Worker	1.7197	0.9951	23.4086	0.0854	13.6447	0.0222	13.6669	3.6192	0.0204	3.6396		8,629.3753	8,629.3753	0.0899	0.1778	8,684.6131
Total	**2.2386**	**20.9361**	**29.9659**	**0.1602**	**16.8963**	**0.1443**	**17.0406**	**4.5553**	**0.1373**	**4.6926**		**16,531.9813**	**16,531.9813**	**0.1156**	**1.3724**	**16,943.8316**

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

3.5 Building Construction - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5189	19.9410	6.5573	0.0748	3.2515	0.1222	3.3737	0.9361	0.1169	1.0530		7,902.6060	7,902.6060	0.0258	1.1945	8,259.2185
Worker	1.7197	0.9951	23.4086	0.0854	13.6447	0.0222	13.6669	3.6192	0.0204	3.6396		8,629.3753	8,629.3753	0.0899	0.1778	8,684.6131
Total	**2.2386**	**20.9361**	**29.9659**	**0.1602**	**16.8963**	**0.1443**	**17.0406**	**4.5553**	**0.1373**	**4.6926**		**16,531.9813**	**16,531.9813**	**0.1156**	**1.3724**	**16,943.8316**

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Summer

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

3.6 Paving - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0224	7.3132	31.6354	0.0561		0.2329	0.2329		0.2329	0.2329		5,313.0335	5,313.0335	0.1786		5,317.4977
Paving	0.4974					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5198**	**7.3132**	**31.6354**	**0.0561**		**0.2329**	**0.2329**		**0.2329**	**0.2329**		**5,313.0335**	**5,313.0335**	**0.1786**		**5,317.4977**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0621	0.0359	0.8456	3.0800e-003	0.4929	8.0000e-004	0.4937	0.1307	7.4000e-004	0.1315		311.7174	311.7174	3.2500e-003	6.4200e-003	313.7127
Total	**0.0621**	**0.0359**	**0.8456**	**3.0800e-003**	**0.4929**	**8.0000e-004**	**0.4937**	**0.1307**	**7.4000e-004**	**0.1315**		**311.7174**	**311.7174**	**3.2500e-003**	**6.4200e-003**	**313.7127**

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

3.6 Paving - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0224	7.3132	31.6354	0.0561		0.2329	0.2329		0.2329	0.2329	0.0000	5,313.0335	5,313.0335	0.1786		5,317.4977
Paving	0.4974					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5198**	**7.3132**	**31.6354**	**0.0561**		**0.2329**	**0.2329**		**0.2329**	**0.2329**	**0.0000**	**5,313.0335**	**5,313.0335**	**0.1786**		**5,317.4977**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0621	0.0359	0.8456	3.0800e-003	0.4929	8.0000e-004	0.4937	0.1307	7.4000e-004	0.1315		311.7174	311.7174	3.2500e-003	6.4200e-003	313.7127
Total	**0.0621**	**0.0359**	**0.8456**	**3.0800e-003**	**0.4929**	**8.0000e-004**	**0.4937**	**0.1307**	**7.4000e-004**	**0.1315**		**311.7174**	**311.7174**	**3.2500e-003**	**6.4200e-003**	**313.7127**

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297		1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**		**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3437	0.1989	4.6789	0.0171	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,724.8360	1,724.8360	0.0180	0.0355	1,735.8769
Total	**0.3437**	**0.1989**	**4.6789**	**0.0171**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,724.8360**	**1,724.8360**	**0.0180**	**0.0355**	**1,735.8769**

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

3.7 Architectural Coating - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297	0.0000	1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3437	0.1989	4.6789	0.0171	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,724.8360	1,724.8360	0.0180	0.0355	1,735.8769
Total	**0.3437**	**0.1989**	**4.6789**	**0.0171**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,724.8360**	**1,724.8360**	**0.0180**	**0.0355**	**1,735.8769**

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

3.7 Architectural Coating - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297		1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**		**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3437	0.1989	4.6789	0.0171	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,724.8360	1,724.8360	0.0180	0.0355	1,735.8769
Total	**0.3437**	**0.1989**	**4.6789**	**0.0171**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,724.8360**	**1,724.8360**	**0.0180**	**0.0355**	**1,735.8769**

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

3.7 Architectural Coating - 2046

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297	0.0000	1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3437	0.1989	4.6789	0.0171	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,724.8360	1,724.8360	0.0180	0.0355	1,735.8769
Total	**0.3437**	**0.1989**	**4.6789**	**0.0171**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,724.8360**	**1,724.8360**	**0.0180**	**0.0355**	**1,735.8769**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

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
Condo/Townhouse	10.80	7.30	7.50	42.60	21.00	36.40	86	11	3
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
University/College (4yr)	9.50	7.30	7.30	6.40	88.60	5.00	91	9	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Enclosed Parking Structure	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
General Light Industry	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Health Club	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Hotel	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Library	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Parking Lot	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
University/College (4yr)	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento 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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722
Unmitigated	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475		147.0245	147.0245	0.1459		150.6722
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**		**0.4475**	**0.4475**		**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475		147.0245	147.0245	0.1459		150.6722
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**		**0.4475**	**0.4475**		**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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

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

CSU Placer Center_Const Only Phase 3

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Library	227.69	1000sqft	5.23	227,690.00	0
University/College (4yr)	12,000.00	Student	50.63	168,525.00	0
General Light Industry	23.87	1000sqft	0.55	23,870.00	0
Enclosed Parking Structure	1,108.00	Space	9.97	443,200.00	0
Enclosed Parking Structure	598.00	Space	5.38	239,200.00	0
Parking Lot	2,721.00	Space	24.49	1,088,400.00	0
Health Club	72.60	1000sqft	1.67	72,600.00	0
Hotel	25.00	Room	0.83	36,300.00	0
Condo/Townhouse	965.00	Dwelling Unit	60.31	141,260.00	2760

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2050
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - SF based on projecet description phasing table. Hotel size based on PD SF and default Caleemod room / sf ration (i.e., 1452 sf/room)

Construction Phase - adjusted schedule from default to match anticipated project buildout timing

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Winter

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

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Off-road Equipment - adjusted equipment up based on factor that schedule was reduced from default

Demolition - based on default SF/parking space (i.e., 400 sf) and number of spaces that would be removed.

Grading -

Vehicle Trips - run used for phase 3 construction only

Road Dust - run used for phase 3 construction only

Woodstoves - run used for phase 3 construction only

Consumer Products - run used for phase 3 construction only

Area Coating - run used for phase 3 construction only

Landscape Equipment - run used for phase 3 construction only

Energy Use - run used for phase 3 construction only

Water And Wastewater - run used for phase 3 construction only

Solid Waste - run used for phase 3 construction only

Area Mitigation - run used for phase 3 construction only

Off-road Equipment - adding additional equipment

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Nonresidential_Exterior	264493	0
tblAreaCoating	Area_Nonresidential_Interior	793478	0
tblAreaCoating	Area_Parking	106248	0
tblAreaCoating	Area_Residential_Exterior	95351	0
tblAreaCoating	Area_Residential_Interior	286052	0

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

tblConstructionPhase	NumDays	3,100.00	1,012.00
tblConstructionPhase	NumDays	220.00	129.00
tblConstructionPhase	NumDays	220.00	174.00
tblConstructionPhase	PhaseEndDate	2/14/2053	2/14/2045
tblConstructionPhase	PhaseEndDate	12/19/2053	8/14/2045
tblConstructionPhase	PhaseEndDate	10/23/2054	4/14/2046
tblConstructionPhase	PhaseStartDate	2/15/2053	2/15/2045
tblConstructionPhase	PhaseStartDate	12/20/2053	8/15/2045
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1,001.10	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.38	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	NT24E	3,795.01	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	1.37	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.26	0.00

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

tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	80.14	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.67	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	3.36	0.00
tblEnergyUse	T24NG	16,185.01	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	26.20	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	530.75	0.00
tblFireplaces	NumberNoFireplace	96.50	0.00
tblFireplaces	NumberWood	337.75	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LandUseSquareFeet	2,205,569.62	168,525.00
tblLandUse	LandUseSquareFeet	965,000.00	141,260.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00

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

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	443.90	0.00
tblSolidWaste	SolidWasteGenerationRate	29.60	0.00
tblSolidWaste	SolidWasteGenerationRate	413.82	0.00
tblSolidWaste	SolidWasteGenerationRate	13.69	0.00
tblSolidWaste	SolidWasteGenerationRate	209.68	0.00
tblSolidWaste	SolidWasteGenerationRate	2,190.00	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	80.09	0.00

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

tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	1.56	0.00
tblWater	IndoorWaterUseRate	62,873,634.72	0.00
tblWater	IndoorWaterUseRate	5,519,937.50	0.00
tblWater	IndoorWaterUseRate	4,293,792.26	0.00
tblWater	IndoorWaterUseRate	634,169.25	0.00
tblWater	IndoorWaterUseRate	7,124,171.55	0.00
tblWater	IndoorWaterUseRate	25,693,200.00	0.00
tblWater	OutdoorWaterUseRate	39,637,726.24	0.00
tblWater	OutdoorWaterUseRate	2,631,679.13	0.00
tblWater	OutdoorWaterUseRate	70,463.25	0.00
tblWater	OutdoorWaterUseRate	11,142,934.98	0.00
tblWater	OutdoorWaterUseRate	40,186,800.00	0.00
tblWoodstoves	NumberCatalytic	48.25	0.00
tblWoodstoves	NumberNoncatalytic	48.25	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento 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)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2038	3.5135	26.2473	33.8940	0.1317	24.9103	0.5359	25.4463	4.0219	0.5310	4.5529	0.0000	13,041.6561	13,041.6561	0.2970	0.8462	13,301.2407
2039	4.3442	26.2473	33.8940	0.1317	39.6015	0.5829	40.1844	20.2812	0.5828	20.8640	0.0000	13,041.6561	13,041.6561	0.3810	0.8462	13,301.2407
2040	5.4929	16.0154	45.1554	0.1418	39.6015	0.4506	40.0072	20.2812	0.4506	20.6868	0.0000	14,616.6820	14,616.6820	0.4770	4.9900e-003	14,630.0925
2041	5.4929	41.8679	71.4679	0.2348	18.7358	0.4506	19.1864	7.3947	0.4506	7.8453	0.0000	23,436.6433	23,436.6433	0.4770	1.4275	23,872.2334
2042	5.3533	41.8679	71.4679	0.2348	16.8964	0.3317	17.2281	4.5554	0.3245	4.8798	0.0000	23,436.6433	23,436.6433	0.4078	1.4275	23,872.2334
2043	5.3533	41.8679	71.4679	0.2348	16.8964	0.3317	17.2281	4.5554	0.3245	4.8798	0.0000	23,436.6433	23,436.6433	0.4078	1.4275	23,872.2334
2044	5.3533	41.8679	71.4679	0.2348	16.8964	0.3317	17.2281	4.5554	0.3245	4.8798	0.0000	23,436.6433	23,436.6433	0.4078	1.4275	23,872.2334
2045	41.9655	41.8203	70.7379	0.2321	16.8963	0.3294	17.2257	4.5553	0.3224	4.8777	0.0000	23,155.6308	23,155.6308	0.3952	1.4031	23,583.6381
2046	41.9655	3.1536	11.4273	0.0273	2.7273	0.0342	2.7614	0.7234	0.0338	0.7572	0.0000	2,680.1920	2,680.1920	0.0613	0.0409	2,693.9204
Maximum	**41.9655**	**41.8679**	**71.4679**	**0.2348**	**39.6015**	**0.5829**	**40.1844**	**20.2812**	**0.5828**	**20.8640**	**0.0000**	**23,436.6433**	**23,436.6433**	**0.4770**	**1.4275**	**23,872.2334**

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento 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

	ROG	NOx	CO	SO2	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					
2038	3.5135	26.2473	33.8940	0.1317	24.9103	0.5359	25.4463	4.0219	0.5310	4.5529	0.0000	13,041.6561	13,041.6561	0.2970	0.8462	13,301.2407
2039	4.3442	26.2473	33.8940	0.1317	39.6015	0.5829	40.1844	20.2812	0.5828	20.8640	0.0000	13,041.6561	13,041.6561	0.3810	0.8462	13,301.2407
2040	5.4929	16.0154	45.1554	0.1418	39.6015	0.4506	40.0072	20.2812	0.4506	20.6868	0.0000	14,616.6820	14,616.6820	0.4770	4.9900e-003	14,630.0925
2041	5.4929	41.8679	71.4679	0.2348	18.7358	0.4506	19.1864	7.3947	0.4506	7.8453	0.0000	23,436.6433	23,436.6433	0.4770	1.4275	23,872.2334
2042	5.3533	41.8679	71.4679	0.2348	16.8964	0.3317	17.2281	4.5554	0.3245	4.8798	0.0000	23,436.6433	23,436.6433	0.4078	1.4275	23,872.2334
2043	5.3533	41.8679	71.4679	0.2348	16.8964	0.3317	17.2281	4.5554	0.3245	4.8798	0.0000	23,436.6433	23,436.6433	0.4078	1.4275	23,872.2334
2044	5.3533	41.8679	71.4679	0.2348	16.8964	0.3317	17.2281	4.5554	0.3245	4.8798	0.0000	23,436.6433	23,436.6433	0.4078	1.4275	23,872.2334
2045	41.9655	41.8203	70.7379	0.2321	16.8963	0.3294	17.2257	4.5553	0.3224	4.8777	0.0000	23,155.6308	23,155.6308	0.3952	1.4031	23,583.6381
2046	41.9655	3.1536	11.4273	0.0273	2.7273	0.0342	2.7614	0.7234	0.0338	0.7572	0.0000	2,680.1920	2,680.1920	0.0613	0.0409	2,693.9204
Maximum	**41.9655**	**41.8679**	**71.4679**	**0.2348**	**39.6015**	**0.5829**	**40.1844**	**20.2812**	**0.5828**	**20.8640**	**0.0000**	**23,436.6433**	**23,436.6433**	**0.4770**	**1.4275**	**23,872.2334**

	ROG	NOx	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**

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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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	11/1/2038	8/5/2039	5	200	
2	Site Preparation	Site Preparation	8/6/2039	1/20/2040	5	120	
3	Grading	Grading	1/21/2040	3/29/2041	5	310	
4	Building Construction	Building Construction	3/30/2041	2/14/2045	5	1012	
5	Paving	Paving	2/15/2045	8/14/2045	5	129	
6	Architectural Coating	Architectural Coating	8/15/2045	4/14/2046	5	174	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 39.84

Residential Indoor: 286,052; Residential Outdoor: 95,351; Non-Residential Indoor: 793,478; Non-Residential Outdoor: 264,493; Striped Parking Area: 106,248 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Rubber Tired Dozers	4	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	6	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	8	8.00	97	0.37

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

Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar Mixers	4		9	0.56
Paving	Off-Highway Trucks	4		402	0.38
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Paving	Surfacing Equipment	4		263	0.30
Architectural Coating	Air Compressors	4	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	10	25.00	0.00	21,123.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	22	1,661.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	24	60.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	332.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 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					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217		7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**		**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2346	13.1855	3.2467	0.0507	1.8483	0.1138	1.9620	0.5067	0.1088	0.6155		5,364.0946	5,364.0946	0.0110	0.8429	5,615.5671
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0339	0.0209	0.3563	1.2300e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		123.9690	123.9690	2.2200e-003	3.2300e-003	124.9860
Total	**0.2685**	**13.2063**	**3.6030**	**0.0519**	**2.0536**	**0.1142**	**2.1678**	**0.5612**	**0.1093**	**0.6704**		**5,488.0636**	**5,488.0636**	**0.0132**	**0.8462**	**5,740.5531**

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217	0.0000	7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**	**0.0000**	**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2346	13.1855	3.2467	0.0507	1.8483	0.1138	1.9620	0.5067	0.1088	0.6155		5,364.0946	5,364.0946	0.0110	0.8429	5,615.5671
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0339	0.0209	0.3563	1.2300e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		123.9690	123.9690	2.2200e-003	3.2300e-003	124.9860
Total	**0.2685**	**13.2063**	**3.6030**	**0.0519**	**2.0536**	**0.1142**	**2.1678**	**0.5612**	**0.1093**	**0.6704**		**5,488.0636**	**5,488.0636**	**0.0132**	**0.8462**	**5,740.5531**

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

3.2 Demolition - 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					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217		7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**		**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2346	13.1855	3.2467	0.0507	1.8483	0.1138	1.9620	0.5067	0.1088	0.6155		5,364.0946	5,364.0946	0.0110	0.8429	5,615.5671
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0339	0.0209	0.3563	1.2300e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		123.9690	123.9690	2.2200e-003	3.2300e-003	124.9860
Total	**0.2685**	**13.2063**	**3.6030**	**0.0519**	**2.0536**	**0.1142**	**2.1678**	**0.5612**	**0.1093**	**0.6704**		**5,488.0636**	**5,488.0636**	**0.0132**	**0.8462**	**5,740.5531**

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Winter

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					22.8567	0.0000	22.8567	3.4607	0.0000	3.4607			0.0000			0.0000
Off-Road	3.2450	13.0410	30.2910	0.0798		0.4217	0.4217		0.4217	0.4217	0.0000	7,553.5925	7,553.5925	0.2838		7,560.6876
Total	**3.2450**	**13.0410**	**30.2910**	**0.0798**	**22.8567**	**0.4217**	**23.2784**	**3.4607**	**0.4217**	**3.8824**	**0.0000**	**7,553.5925**	**7,553.5925**	**0.2838**		**7,560.6876**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2346	13.1855	3.2467	0.0507	1.8483	0.1138	1.9620	0.5067	0.1088	0.6155		5,364.0946	5,364.0946	0.0110	0.8429	5,615.5671
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0339	0.0209	0.3563	1.2300e-003	0.2054	4.7000e-004	0.2058	0.0545	4.3000e-004	0.0549		123.9690	123.9690	2.2200e-003	3.2300e-003	124.9860
Total	**0.2685**	**13.2063**	**3.6030**	**0.0519**	**2.0536**	**0.1142**	**2.1678**	**0.5612**	**0.1093**	**0.6704**		**5,488.0636**	**5,488.0636**	**0.0132**	**0.8462**	**5,740.5531**

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

3.3 Site Preparation - 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					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	4.2967	20.2799	31.9462	0.0931		0.5822	0.5822		0.5822	0.5822		8,819.5074	8,819.5074	0.3779		8,828.9536
Total	**4.2967**	**20.2799**	**31.9462**	**0.0931**	**39.3140**	**0.5822**	**39.8962**	**20.2049**	**0.5822**	**20.7871**		**8,819.5074**	**8,819.5074**	**0.3779**		**8,828.9536**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0475	0.0292	0.4988	1.7200e-003	0.2875	6.6000e-004	0.2882	0.0763	6.1000e-004	0.0769		173.5566	173.5566	3.1100e-003	4.5200e-003	174.9804
Total	**0.0475**	**0.0292**	**0.4988**	**1.7200e-003**	**0.2875**	**6.6000e-004**	**0.2882**	**0.0763**	**6.1000e-004**	**0.0769**		**173.5566**	**173.5566**	**3.1100e-003**	**4.5200e-003**	**174.9804**

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	4.2967	20.2799	31.9462	0.0931		0.5822	0.5822		0.5822	0.5822	0.0000	8,819.5074	8,819.5074	0.3779		8,828.9536
Total	**4.2967**	**20.2799**	**31.9462**	**0.0931**	**39.3140**	**0.5822**	**39.8962**	**20.2049**	**0.5822**	**20.7871**	**0.0000**	**8,819.5074**	**8,819.5074**	**0.3779**		**8,828.9536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0475	0.0292	0.4988	1.7200e-003	0.2875	6.6000e-004	0.2882	0.0763	6.1000e-004	0.0769		173.5566	173.5566	3.1100e-003	4.5200e-003	174.9804
Total	**0.0475**	**0.0292**	**0.4988**	**1.7200e-003**	**0.2875**	**6.6000e-004**	**0.2882**	**0.0763**	**6.1000e-004**	**0.0769**		**173.5566**	**173.5566**	**3.1100e-003**	**4.5200e-003**	**174.9804**

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

3.3 Site Preparation - 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					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	3.9314	15.9887	31.5594	0.0931		0.4051	0.4051		0.4051	0.4051		8,819.5074	8,819.5074	0.3414		8,828.0429
Total	**3.9314**	**15.9887**	**31.5594**	**0.0931**	**39.3140**	**0.4051**	**39.7192**	**20.2049**	**0.4051**	**20.6100**		**8,819.5074**	**8,819.5074**	**0.3414**		**8,828.0429**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0392	0.0267	0.4647	1.6500e-003	0.2875	5.2000e-004	0.2880	0.0763	4.8000e-004	0.0768		166.6568	166.6568	2.5500e-003	4.3600e-003	168.0210
Total	**0.0392**	**0.0267**	**0.4647**	**1.6500e-003**	**0.2875**	**5.2000e-004**	**0.2880**	**0.0763**	**4.8000e-004**	**0.0768**		**166.6568**	**166.6568**	**2.5500e-003**	**4.3600e-003**	**168.0210**

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					39.3140	0.0000	39.3140	20.2049	0.0000	20.2049			0.0000			0.0000
Off-Road	3.9314	15.9887	31.5594	0.0931		0.4051	0.4051		0.4051	0.4051	0.0000	8,819.5074	8,819.5074	0.3414		8,828.0429
Total	**3.9314**	**15.9887**	**31.5594**	**0.0931**	**39.3140**	**0.4051**	**39.7192**	**20.2049**	**0.4051**	**20.6100**	**0.0000**	**8,819.5074**	**8,819.5074**	**0.3414**		**8,828.0429**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0392	0.0267	0.4647	1.6500e-003	0.2875	5.2000e-004	0.2880	0.0763	4.8000e-004	0.0768		166.6568	166.6568	2.5500e-003	4.3600e-003	168.0210
Total	**0.0392**	**0.0267**	**0.4647**	**1.6500e-003**	**0.2875**	**5.2000e-004**	**0.2880**	**0.0763**	**4.8000e-004**	**0.0768**		**166.6568**	**166.6568**	**2.5500e-003**	**4.3600e-003**	**168.0210**

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

3.4 Grading - 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					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500		14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**		**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0305	0.5311	1.8800e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		190.4649	190.4649	2.9100e-003	4.9900e-003	192.0240
Total	**0.0448**	**0.0305**	**0.5311**	**1.8800e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**190.4649**	**190.4649**	**2.9100e-003**	**4.9900e-003**	**192.0240**

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

3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500	0.0000	14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**	**0.0000**	**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0305	0.5311	1.8800e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		190.4649	190.4649	2.9100e-003	4.9900e-003	192.0240
Total	**0.0448**	**0.0305**	**0.5311**	**1.8800e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**190.4649**	**190.4649**	**2.9100e-003**	**4.9900e-003**	**192.0240**

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

3.4 Grading - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500		14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**		**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0305	0.5311	1.8800e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		190.4649	190.4649	2.9100e-003	4.9900e-003	192.0240
Total	**0.0448**	**0.0305**	**0.5311**	**1.8800e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**190.4649**	**190.4649**	**2.9100e-003**	**4.9900e-003**	**192.0240**

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

3.4 Grading - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.4072	0.0000	18.4072	7.3075	0.0000	7.3075			0.0000			0.0000
Off-Road	5.4482	14.7770	44.6244	0.1399		0.4500	0.4500		0.4500	0.4500	0.0000	14,426.2171	14,426.2171	0.4741		14,438.0685
Total	**5.4482**	**14.7770**	**44.6244**	**0.1399**	**18.4072**	**0.4500**	**18.8572**	**7.3075**	**0.4500**	**7.7576**	**0.0000**	**14,426.2171**	**14,426.2171**	**0.4741**		**14,438.0685**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0305	0.5311	1.8800e-003	0.3286	6.0000e-004	0.3292	0.0872	5.5000e-004	0.0877		190.4649	190.4649	2.9100e-003	4.9900e-003	192.0240
Total	**0.0448**	**0.0305**	**0.5311**	**1.8800e-003**	**0.3286**	**6.0000e-004**	**0.3292**	**0.0872**	**5.5000e-004**	**0.0877**		**190.4649**	**190.4649**	**2.9100e-003**	**4.9900e-003**	**192.0240**

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

3.5 Building Construction - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento County, Winter

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

3.5 Building Construction - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

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

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

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

3.5 Building Construction - 2042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

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

3.5 Building Construction - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

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

3.5 Building Construction - 2043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

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

3.5 Building Construction - 2044

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

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

3.5 Building Construction - 2044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4731	21.4935	6.7597	0.0764	3.2516	0.1221	3.3738	0.9362	0.1168	1.0530		8,071.4694	8,071.4694	0.0239	1.2204	8,435.7398
Worker	1.8594	1.2679	22.0520	0.0782	13.6447	0.0249	13.6696	3.6192	0.0229	3.6421		7,909.0543	7,909.0543	0.1209	0.2071	7,973.7978
Total	**2.3325**	**22.7614**	**28.8117**	**0.1547**	**16.8964**	**0.1470**	**17.0434**	**4.5554**	**0.1397**	**4.6951**		**15,980.5238**	**15,980.5238**	**0.1447**	**1.4275**	**16,409.5376**

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

3.5 Building Construction - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847		7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**		**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4755	21.4856	6.7782	0.0750	3.2515	0.1226	3.3741	0.9361	0.1172	1.0534		7,922.8300	7,922.8300	0.0239	1.1984	8,280.5337
Worker	1.6699	1.2282	21.3035	0.0769	13.6447	0.0222	13.6669	3.6192	0.0204	3.6396		7,776.6812	7,776.6812	0.1083	0.2048	7,840.4087
Total	**2.1454**	**22.7137**	**28.0817**	**0.1519**	**16.8963**	**0.1447**	**17.0410**	**4.5553**	**0.1377**	**4.6930**		**15,699.5112**	**15,699.5112**	**0.1322**	**1.4031**	**16,120.9424**

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

3.5 Building Construction - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.0208	19.1065	42.6562	0.0802		0.1847	0.1847		0.1847	0.1847	0.0000	7,456.1196	7,456.1196	0.2631		7,462.6958
Total	**3.0208**	**19.1065**	**42.6562**	**0.0802**		**0.1847**	**0.1847**		**0.1847**	**0.1847**	**0.0000**	**7,456.1196**	**7,456.1196**	**0.2631**		**7,462.6958**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4755	21.4856	6.7782	0.0750	3.2515	0.1226	3.3741	0.9361	0.1172	1.0534		7,922.8300	7,922.8300	0.0239	1.1984	8,280.5337
Worker	1.6699	1.2282	21.3035	0.0769	13.6447	0.0222	13.6669	3.6192	0.0204	3.6396		7,776.6812	7,776.6812	0.1083	0.2048	7,840.4087
Total	**2.1454**	**22.7137**	**28.0817**	**0.1519**	**16.8963**	**0.1447**	**17.0410**	**4.5553**	**0.1377**	**4.6930**		**15,699.5112**	**15,699.5112**	**0.1322**	**1.4031**	**16,120.9424**

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

3.6 Paving - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0224	7.3132	31.6354	0.0561		0.2329	0.2329		0.2329	0.2329		5,313.0335	5,313.0335	0.1786		5,317.4977
Paving	0.4974					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5198**	**7.3132**	**31.6354**	**0.0561**		**0.2329**	**0.2329**		**0.2329**	**0.2329**		**5,313.0335**	**5,313.0335**	**0.1786**		**5,317.4977**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0603	0.0444	0.7695	2.7800e-003	0.4929	8.0000e-004	0.4937	0.1307	7.4000e-004	0.1315		280.9156	280.9156	3.9100e-003	7.4000e-003	283.2177
Total	**0.0603**	**0.0444**	**0.7695**	**2.7800e-003**	**0.4929**	**8.0000e-004**	**0.4937**	**0.1307**	**7.4000e-004**	**0.1315**		**280.9156**	**280.9156**	**3.9100e-003**	**7.4000e-003**	**283.2177**

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

3.6 Paving - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0224	7.3132	31.6354	0.0561		0.2329	0.2329		0.2329	0.2329	0.0000	5,313.0335	5,313.0335	0.1786		5,317.4977
Paving	0.4974					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5198**	**7.3132**	**31.6354**	**0.0561**		**0.2329**	**0.2329**		**0.2329**	**0.2329**	**0.0000**	**5,313.0335**	**5,313.0335**	**0.1786**		**5,317.4977**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0603	0.0444	0.7695	2.7800e-003	0.4929	8.0000e-004	0.4937	0.1307	7.4000e-004	0.1315		280.9156	280.9156	3.9100e-003	7.4000e-003	283.2177
Total	**0.0603**	**0.0444**	**0.7695**	**2.7800e-003**	**0.4929**	**8.0000e-004**	**0.4937**	**0.1307**	**7.4000e-004**	**0.1315**		**280.9156**	**280.9156**	**3.9100e-003**	**7.4000e-003**	**283.2177**

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

3.7 Architectural Coating - 2045

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297		1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**		**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3338	0.2455	4.2581	0.0154	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,554.3999	1,554.3999	0.0217	0.0409	1,567.1377
Total	**0.3338**	**0.2455**	**4.2581**	**0.0154**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,554.3999**	**1,554.3999**	**0.0217**	**0.0409**	**1,567.1377**

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

3.7 Architectural Coating - 2045

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297	0.0000	1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3338	0.2455	4.2581	0.0154	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,554.3999	1,554.3999	0.0217	0.0409	1,567.1377
Total	**0.3338**	**0.2455**	**4.2581**	**0.0154**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,554.3999**	**1,554.3999**	**0.0217**	**0.0409**	**1,567.1377**

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

3.7 Architectural Coating - 2046

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297		1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**		**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3338	0.2455	4.2581	0.0154	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,554.3999	1,554.3999	0.0217	0.0409	1,567.1377
Total	**0.3338**	**0.2455**	**4.2581**	**0.0154**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,554.3999**	**1,554.3999**	**0.0217**	**0.0409**	**1,567.1377**

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

3.7 Architectural Coating - 2046

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	41.1722					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4596	2.9081	7.1692	0.0119		0.0297	0.0297		0.0297	0.0297	0.0000	1,125.7922	1,125.7922	0.0396		1,126.7827
Total	**41.6318**	**2.9081**	**7.1692**	**0.0119**		**0.0297**	**0.0297**		**0.0297**	**0.0297**	**0.0000**	**1,125.7922**	**1,125.7922**	**0.0396**		**1,126.7827**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3338	0.2455	4.2581	0.0154	2.7273	4.4300e-003	2.7317	0.7234	4.0800e-003	0.7275		1,554.3999	1,554.3999	0.0217	0.0409	1,567.1377
Total	**0.3338**	**0.2455**	**4.2581**	**0.0154**	**2.7273**	**4.4300e-003**	**2.7317**	**0.7234**	**4.0800e-003**	**0.7275**		**1,554.3999**	**1,554.3999**	**0.0217**	**0.0409**	**1,567.1377**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
University/College (4yr)	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

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
Condo/Townhouse	10.80	7.30	7.50	42.60	21.00	36.40	86	11	3
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
University/College (4yr)	9.50	7.30	7.30	6.40	88.60	5.00	91	9	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Enclosed Parking Structure	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
General Light Industry	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Health Club	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Hotel	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Library	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Parking Lot	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
University/College (4yr)	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

CSU Placer Center_Const Only Phase 3 - Placer-Sacramento 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722
Unmitigated	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475	0.0000	147.0245	147.0245	0.1459	0.0000	150.6722

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475		147.0245	147.0245	0.1459		150.6722
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**		**0.4475**	**0.4475**		**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	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	2.5265	0.9302	80.9659	4.3300e-003		0.4475	0.4475		0.4475	0.4475		147.0245	147.0245	0.1459		150.6722
Total	**2.5265**	**0.9302**	**80.9659**	**4.3300e-003**		**0.4475**	**0.4475**		**0.4475**	**0.4475**	**0.0000**	**147.0245**	**147.0245**	**0.1459**	**0.0000**	**150.6722**

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

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

CSU Placer Center_Const Phase 4

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	286.08	1000sqft	6.57	286,080.00	0
Enclosed Parking Structure	1,392.00	Space	12.53	556,800.00	0
Enclosed Parking Structure	1,054.00	Space	9.49	421,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2050
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Phase 3 would begin in 2048 and end in 2050; however, the model does not go beyond 2050. This should not affect emissions as emissions factors beyond 2035 are not anticipated to change.

Land Use - LU based on project phasing table in PD

Construction Phase -

Demolition - based on SF of parking that would be removed using Caleemod defauly SF/parking size of 400 sf

Vehicle Trips - model used for construction only

Road Dust - model used for construction only

Consumer Products - model used for construction only

Area Coating - model used for construction only

Landscape Equipment - model used for construction only

CSU Placer Center_Const Phase 4 - Placer-Sacramento County, Annual

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

Energy Use - model used for construction only

Water And Wastewater - model used for construction only

Solid Waste - model used for construction only

Area Mitigation - model used for construction only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Nonresidential_Exterior	143040	0
tblAreaCoating	Area_Nonresidential_Interior	429120	0
tblAreaCoating	Area_Parking	58704	0
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24NG	18.39	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0

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

tblRoadDust	RoadPercentPave	100	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	21.74	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	WD_TR	11.26	0.00
tblWater	IndoorWaterUseRate	140,663,804.42	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2040	0.0378	0.3747	0.4049	1.8900e-003	0.5928	5.4900e-003	0.5983	0.1191	5.3900e-003	0.1245	0.0000	172.3370	172.3370	2.8000e-003	0.0154	176.9810
2041	0.2709	1.8716	3.1984	0.0108	0.8822	0.0200	0.9022	0.2959	0.0197	0.3156	0.0000	987.5477	987.5477	0.0195	0.0538	1,004.0761
2042	0.2414	1.9739	3.2118	0.0108	0.6287	0.0173	0.6460	0.1711	0.0169	0.1880	0.0000	977.4921	977.4921	0.0169	0.0628	996.6267
2043	1.4715	0.0341	0.1421	2.9000e-004	0.0144	8.0000e-004	0.0152	3.8300e-003	8.0000e-004	4.6300e-003	0.0000	25.8136	25.8136	7.1000e-004	1.9000e-004	25.8892
Maximum	**1.4715**	**1.9739**	**3.2118**	**0.0108**	**0.8822**	**0.0200**	**0.9022**	**0.2959**	**0.0197**	**0.3156**	**0.0000**	**987.5477**	**987.5477**	**0.0195**	**0.0628**	**1,004.0761**

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

	ROG	NOx	CO	SO2	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					
2040	0.0378	0.3747	0.4049	1.8900e-003	0.5928	5.4900e-003	0.5983	0.1191	5.3900e-003	0.1245	0.0000	172.3369	172.3369	2.8000e-003	0.0154	176.9809
2041	0.2709	1.8716	3.1984	0.0108	0.8822	0.0200	0.9022	0.2959	0.0197	0.3156	0.0000	987.5471	987.5471	0.0195	0.0538	1,004.0756
2042	0.2414	1.9739	3.2118	0.0108	0.6287	0.0173	0.6460	0.1711	0.0169	0.1880	0.0000	977.4917	977.4917	0.0169	0.0628	996.6263
2043	1.4715	0.0341	0.1421	2.9000e-004	0.0144	8.0000e-004	0.0152	3.8300e-003	8.0000e-004	4.6300e-003	0.0000	25.8135	25.8135	7.1000e-004	1.9000e-004	25.8891
Maximum	**1.4715**	**1.9739**	**3.2118**	**0.0108**	**0.8822**	**0.0200**	**0.9022**	**0.2959**	**0.0197**	**0.3156**	**0.0000**	**987.5471**	**987.5471**	**0.0195**	**0.0628**	**1,004.0756**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**11-9-2040**	**2-8-2041**	0.5626	0.5626
2	**2-9-2041**	**5-8-2041**	0.4564	0.4564
3	**5-9-2041**	**8-8-2041**	0.5852	0.5852
4	**8-9-2041**	**11-8-2041**	0.5949	0.5949
5	**11-9-2041**	**2-8-2042**	0.6080	0.6080
6	**2-9-2042**	**5-8-2042**	0.5788	0.5788
7	**5-9-2042**	**8-8-2042**	0.5852	0.5852
8	**8-9-2042**	**11-8-2042**	0.5949	0.5949

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

9	**11-9-2042**	**2-8-2043**	0.9327	0.9327
10	**2-9-2043**	**5-8-2043**	0.7551	0.7551
		Highest	0.9327	0.9327

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**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	11/9/2040	12/20/2040	5	30	
2	Site Preparation	Site Preparation	12/21/2040	1/17/2041	5	20	
3	Grading	Grading	1/18/2041	3/21/2041	5	45	

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

4	Building Construction	Building Construction	3/22/2041	11/27/2042	5	440	
5	Paving	Paving	11/28/2042	1/15/2043	5	35	
6	Architectural Coating	Architectural Coating	1/16/2043	3/5/2043	5	35	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 135

Acres of Paving: 22.02

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 429,120; Non-Residential Outdoor: 143,040; Striped Parking Area: 58,704 (Architectural Coating – sqft)

OffRoad Equipment

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

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

Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	4,385.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	502.00	207.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	100.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 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					
Fugitive Dust					0.4745	0.0000	0.4745	0.0718	0.0000	0.0718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0255	0.0796	0.2787	6.9000e-004		2.4400e-003	2.4400e-003		2.4400e-003	2.4400e-003	0.0000	59.5827	59.5827	2.0200e-003	0.0000	59.6332
Total	**0.0255**	**0.0796**	**0.2787**	**6.9000e-004**	**0.4745**	**2.4400e-003**	**0.4769**	**0.0718**	**2.4400e-003**	**0.0743**	**0.0000**	**59.5827**	**59.5827**	**2.0200e-003**	**0.0000**	**59.6332**

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

3.2 Demolition - 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	tons/yr										MT/yr					
Hauling	5.1200e-003	0.2669	0.0673	1.0200e-003	0.0369	2.3300e-003	0.0392	0.0102	2.2300e-003	0.0124	0.0000	97.4811	97.4811	2.2000e-004	0.0153	102.0515
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	2.9100e-003	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	4.7000e-004	0.0000	4.7000e-004	0.0000	0.9934	0.9934	1.0000e-005	2.0000e-005	1.0008
Total	**5.3500e-003**	**0.2671**	**0.0702**	**1.0300e-003**	**0.0387**	**2.3300e-003**	**0.0410**	**0.0106**	**2.2300e-003**	**0.0129**	**0.0000**	**98.4745**	**98.4745**	**2.3000e-004**	**0.0153**	**103.0523**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4745	0.0000	0.4745	0.0718	0.0000	0.0718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0255	0.0796	0.2787	6.9000e-004		2.4400e-003	2.4400e-003		2.4400e-003	2.4400e-003	0.0000	59.5827	59.5827	2.0200e-003	0.0000	59.6332
Total	**0.0255**	**0.0796**	**0.2787**	**6.9000e-004**	**0.4745**	**2.4400e-003**	**0.4769**	**0.0718**	**2.4400e-003**	**0.0743**	**0.0000**	**59.5827**	**59.5827**	**2.0200e-003**	**0.0000**	**59.6332**

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

3.2 Demolition - 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	tons/yr										MT/yr					
Hauling	5.1200e-003	0.2669	0.0673	1.0200e-003	0.0369	2.3300e-003	0.0392	0.0102	2.2300e-003	0.0124	0.0000	97.4811	97.4811	2.2000e-004	0.0153	102.0515
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.6000e-004	2.9100e-003	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	4.7000e-004	0.0000	4.7000e-004	0.0000	0.9934	0.9934	1.0000e-005	2.0000e-005	1.0008
Total	**5.3500e-003**	**0.2671**	**0.0702**	**1.0300e-003**	**0.0387**	**2.3300e-003**	**0.0410**	**0.0106**	**2.2300e-003**	**0.0129**	**0.0000**	**98.4745**	**98.4745**	**2.3000e-004**	**0.0153**	**103.0523**

3.3 Site Preparation - 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					
Fugitive Dust					0.0791	0.0000	0.0791	0.0365	0.0000	0.0365	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8800e-003	0.0280	0.0552	1.6000e-004		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	14.0016	14.0016	5.4000e-004	0.0000	14.0152
Total	**6.8800e-003**	**0.0280**	**0.0552**	**1.6000e-004**	**0.0791**	**7.1000e-004**	**0.0799**	**0.0365**	**7.1000e-004**	**0.0372**	**0.0000**	**14.0016**	**14.0016**	**5.4000e-004**	**0.0000**	**14.0152**

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

3.3 Site Preparation - 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	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	8.2000e-004	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.2782	0.2782	0.0000	1.0000e-005	0.2802
Total	**7.0000e-005**	**4.0000e-005**	**8.2000e-004**	**0.0000**	**4.9000e-004**	**0.0000**	**5.0000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.2782**	**0.2782**	**0.0000**	**1.0000e-005**	**0.2802**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0791	0.0000	0.0791	0.0365	0.0000	0.0365	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8800e-003	0.0280	0.0552	1.6000e-004		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	14.0016	14.0016	5.4000e-004	0.0000	14.0152
Total	**6.8800e-003**	**0.0280**	**0.0552**	**1.6000e-004**	**0.0791**	**7.1000e-004**	**0.0799**	**0.0365**	**7.1000e-004**	**0.0372**	**0.0000**	**14.0016**	**14.0016**	**5.4000e-004**	**0.0000**	**14.0152**

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

3.3 Site Preparation - 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	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	8.2000e-004	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.2782	0.2782	0.0000	1.0000e-005	0.2802
Total	**7.0000e-005**	**4.0000e-005**	**8.2000e-004**	**0.0000**	**4.9000e-004**	**0.0000**	**5.0000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.2782**	**0.2782**	**0.0000**	**1.0000e-005**	**0.2802**

3.3 Site Preparation - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1333	0.0000	0.1333	0.0663	0.0000	0.0663	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0520	0.1026	3.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	26.0030	26.0030	1.0100e-003	0.0000	26.0282
Total	**0.0128**	**0.0520**	**0.1026**	**3.0000e-004**	**0.1333**	**1.3200e-003**	**0.1347**	**0.0663**	**1.3200e-003**	**0.0676**	**0.0000**	**26.0030**	**26.0030**	**1.0100e-003**	**0.0000**	**26.0282**

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

3.3 Site Preparation - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	1.5200e-003	1.0000e-005	9.2000e-004	0.0000	9.2000e-004	2.4000e-004	0.0000	2.5000e-004	0.0000	0.5166	0.5166	1.0000e-005	1.0000e-005	0.5204
Total	**1.2000e-004**	**8.0000e-005**	**1.5200e-003**	**1.0000e-005**	**9.2000e-004**	**0.0000**	**9.2000e-004**	**2.4000e-004**	**0.0000**	**2.5000e-004**	**0.0000**	**0.5166**	**0.5166**	**1.0000e-005**	**1.0000e-005**	**0.5204**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1333	0.0000	0.1333	0.0663	0.0000	0.0663	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0520	0.1026	3.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	26.0030	26.0030	1.0100e-003	0.0000	26.0281
Total	**0.0128**	**0.0520**	**0.1026**	**3.0000e-004**	**0.1333**	**1.3200e-003**	**0.1347**	**0.0663**	**1.3200e-003**	**0.0676**	**0.0000**	**26.0030**	**26.0030**	**1.0100e-003**	**0.0000**	**26.0281**

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

3.3 Site Preparation - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	1.5200e-003	1.0000e-005	9.2000e-004	0.0000	9.2000e-004	2.4000e-004	0.0000	2.5000e-004	0.0000	0.5166	0.5166	1.0000e-005	1.0000e-005	0.5204
Total	**1.2000e-004**	**8.0000e-005**	**1.5200e-003**	**1.0000e-005**	**9.2000e-004**	**0.0000**	**9.2000e-004**	**2.4000e-004**	**0.0000**	**2.5000e-004**	**0.0000**	**0.5166**	**0.5166**	**1.0000e-005**	**1.0000e-005**	**0.5204**

3.4 Grading - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2071	0.0000	0.2071	0.0822	0.0000	0.0822	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0613	0.1662	0.5020	1.5700e-003		5.0600e-003	5.0600e-003		5.0600e-003	5.0600e-003	0.0000	147.2315	147.2315	4.8400e-003	0.0000	147.3525
Total	**0.0613**	**0.1662**	**0.5020**	**1.5700e-003**	**0.2071**	**5.0600e-003**	**0.2121**	**0.0822**	**5.0600e-003**	**0.0873**	**0.0000**	**147.2315**	**147.2315**	**4.8400e-003**	**0.0000**	**147.3525**

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

3.4 Grading - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	4.7000e-004	3.1000e-004	5.8300e-003	2.0000e-005	3.5300e-003	1.0000e-005	3.5400e-003	9.4000e-004	1.0000e-005	9.5000e-004	0.0000	1.9868	1.9868	3.0000e-005	5.0000e-005	2.0017
Total	**4.7000e-004**	**3.1000e-004**	**5.8300e-003**	**2.0000e-005**	**3.5300e-003**	**1.0000e-005**	**3.5400e-003**	**9.4000e-004**	**1.0000e-005**	**9.5000e-004**	**0.0000**	**1.9868**	**1.9868**	**3.0000e-005**	**5.0000e-005**	**2.0017**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2071	0.0000	0.2071	0.0822	0.0000	0.0822	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0613	0.1662	0.5020	1.5700e-003		5.0600e-003	5.0600e-003		5.0600e-003	5.0600e-003	0.0000	147.2313	147.2313	4.8400e-003	0.0000	147.3523
Total	**0.0613**	**0.1662**	**0.5020**	**1.5700e-003**	**0.2071**	**5.0600e-003**	**0.2121**	**0.0822**	**5.0600e-003**	**0.0873**	**0.0000**	**147.2313**	**147.2313**	**4.8400e-003**	**0.0000**	**147.3523**

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

3.4 Grading - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	4.7000e-004	3.1000e-004	5.8300e-003	2.0000e-005	3.5300e-003	1.0000e-005	3.5400e-003	9.4000e-004	1.0000e-005	9.5000e-004	0.0000	1.9868	1.9868	3.0000e-005	5.0000e-005	2.0017
Total	**4.7000e-004**	**3.1000e-004**	**5.8300e-003**	**2.0000e-005**	**3.5300e-003**	**1.0000e-005**	**3.5400e-003**	**9.4000e-004**	**1.0000e-005**	**9.5000e-004**	**0.0000**	**1.9868**	**1.9868**	**3.0000e-005**	**5.0000e-005**	**2.0017**

3.5 Building Construction - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1215	0.6994	1.6360	3.1400e-003		7.4800e-003	7.4800e-003		7.4800e-003	7.4800e-003	0.0000	266.8040	266.8040	9.5900e-003	0.0000	267.0437
Total	**0.1215**	**0.6994**	**1.6360**	**3.1400e-003**		**7.4800e-003**	**7.4800e-003**		**7.4800e-003**	**7.4800e-003**	**0.0000**	**266.8040**	**266.8040**	**9.5900e-003**	**0.0000**	**267.0437**

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

3.5 Building Construction - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0218	0.9185	0.2905	3.3400e-003	0.1372	5.3400e-003	0.1425	0.0397	5.1000e-003	0.0448	0.0000	320.0442	320.0442	9.9000e-004	0.0484	334.4855
Worker	0.0530	0.0352	0.6599	2.4500e-003	0.4001	7.6000e-004	0.4009	0.1065	7.0000e-004	0.1072	0.0000	224.9617	224.9617	3.0700e-003	5.3900e-003	226.6443
Total	**0.0747**	**0.9536**	**0.9504**	**5.7900e-003**	**0.5373**	**6.1000e-003**	**0.5434**	**0.1462**	**5.8000e-003**	**0.1520**	**0.0000**	**545.0058**	**545.0058**	**4.0600e-003**	**0.0538**	**561.1298**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1215	0.6994	1.6360	3.1400e-003		7.4800e-003	7.4800e-003		7.4800e-003	7.4800e-003	0.0000	266.8037	266.8037	9.5900e-003	0.0000	267.0434
Total	**0.1215**	**0.6994**	**1.6360**	**3.1400e-003**		**7.4800e-003**	**7.4800e-003**		**7.4800e-003**	**7.4800e-003**	**0.0000**	**266.8037**	**266.8037**	**9.5900e-003**	**0.0000**	**267.0434**

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

3.5 Building Construction - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0218	0.9185	0.2905	3.3400e-003	0.1372	5.3400e-003	0.1425	0.0397	5.1000e-003	0.0448	0.0000	320.0442	320.0442	9.9000e-004	0.0484	334.4855
Worker	0.0530	0.0352	0.6599	2.4500e-003	0.4001	7.6000e-004	0.4009	0.1065	7.0000e-004	0.1072	0.0000	224.9617	224.9617	3.0700e-003	5.3900e-003	226.6443
Total	**0.0747**	**0.9536**	**0.9504**	**5.7900e-003**	**0.5373**	**6.1000e-003**	**0.5434**	**0.1462**	**5.8000e-003**	**0.1520**	**0.0000**	**545.0058**	**545.0058**	**4.0600e-003**	**0.0538**	**561.1298**

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1418	0.8165	1.9100	3.6700e-003		8.7400e-003	8.7400e-003		8.7400e-003	8.7400e-003	0.0000	311.4904	311.4904	0.0112	0.0000	311.7702
Total	**0.1418**	**0.8165**	**1.9100**	**3.6700e-003**		**8.7400e-003**	**8.7400e-003**		**8.7400e-003**	**8.7400e-003**	**0.0000**	**311.4904**	**311.4904**	**0.0112**	**0.0000**	**311.7702**

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

3.5 Building Construction - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0254	1.0723	0.3392	3.9000e-003	0.1602	6.2300e-003	0.1664	0.0464	5.9600e-003	0.0523	0.0000	373.6476	373.6476	1.1600e-003	0.0565	390.5077
Worker	0.0618	0.0411	0.7705	2.8600e-003	0.4672	8.9000e-004	0.4680	0.1243	8.2000e-004	0.1252	0.0000	262.6400	262.6400	3.5800e-003	6.2900e-003	264.6044
Total	**0.0872**	**1.1134**	**1.1096**	**6.7600e-003**	**0.6273**	**7.1200e-003**	**0.6344**	**0.1707**	**6.7800e-003**	**0.1775**	**0.0000**	**636.2876**	**636.2876**	**4.7400e-003**	**0.0628**	**655.1121**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1418	0.8165	1.9100	3.6700e-003		8.7400e-003	8.7400e-003		8.7400e-003	8.7400e-003	0.0000	311.4900	311.4900	0.0112	0.0000	311.7698
Total	**0.1418**	**0.8165**	**1.9100**	**3.6700e-003**		**8.7400e-003**	**8.7400e-003**		**8.7400e-003**	**8.7400e-003**	**0.0000**	**311.4900**	**311.4900**	**0.0112**	**0.0000**	**311.7698**

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

3.5 Building Construction - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0254	1.0723	0.3392	3.9000e-003	0.1602	6.2300e-003	0.1664	0.0464	5.9600e-003	0.0523	0.0000	373.6476	373.6476	1.1600e-003	0.0565	390.5077
Worker	0.0618	0.0411	0.7705	2.8600e-003	0.4672	8.9000e-004	0.4680	0.1243	8.2000e-004	0.1252	0.0000	262.6400	262.6400	3.5800e-003	6.2900e-003	264.6044
Total	**0.0872**	**1.1134**	**1.1096**	**6.7600e-003**	**0.6273**	**7.1200e-003**	**0.6344**	**0.1707**	**6.7800e-003**	**0.1775**	**0.0000**	**636.2876**	**636.2876**	**4.7400e-003**	**0.0628**	**655.1121**

3.6 Paving - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0121	0.0439	0.1898	3.4000e-004		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	28.9194	28.9194	9.7000e-004	0.0000	28.9437
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0121**	**0.0439**	**0.1898**	**3.4000e-004**		**1.4000e-003**	**1.4000e-003**		**1.4000e-003**	**1.4000e-003**	**0.0000**	**28.9194**	**28.9194**	**9.7000e-004**	**0.0000**	**28.9437**

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

3.6 Paving - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.2000e-004	2.3300e-003	1.0000e-005	1.4100e-003	0.0000	1.4200e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.7947	0.7947	1.0000e-005	2.0000e-005	0.8007
Total	**1.9000e-004**	**1.2000e-004**	**2.3300e-003**	**1.0000e-005**	**1.4100e-003**	**0.0000**	**1.4200e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.7947**	**0.7947**	**1.0000e-005**	**2.0000e-005**	**0.8007**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0121	0.0439	0.1898	3.4000e-004		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	28.9194	28.9194	9.7000e-004	0.0000	28.9437
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0121**	**0.0439**	**0.1898**	**3.4000e-004**		**1.4000e-003**	**1.4000e-003**		**1.4000e-003**	**1.4000e-003**	**0.0000**	**28.9194**	**28.9194**	**9.7000e-004**	**0.0000**	**28.9437**

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

3.6 Paving - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.2000e-004	2.3300e-003	1.0000e-005	1.4100e-003	0.0000	1.4200e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.7947	0.7947	1.0000e-005	2.0000e-005	0.8007
Total	**1.9000e-004**	**1.2000e-004**	**2.3300e-003**	**1.0000e-005**	**1.4100e-003**	**0.0000**	**1.4200e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.7947**	**0.7947**	**1.0000e-005**	**2.0000e-005**	**0.8007**

3.6 Paving - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.5600e-003	0.0201	0.0870	1.5000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	13.2547	13.2547	4.5000e-004	0.0000	13.2659
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5600e-003**	**0.0201**	**0.0870**	**1.5000e-004**		**6.4000e-004**	**6.4000e-004**		**6.4000e-004**	**6.4000e-004**	**0.0000**	**13.2547**	**13.2547**	**4.5000e-004**	**0.0000**	**13.2659**

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

3.6 Paving - 2043

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	9.0000e-005	6.0000e-005	1.0700e-003	0.0000	6.5000e-004	0.0000	6.5000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.3642	0.3642	0.0000	1.0000e-005	0.3670
Total	**9.0000e-005**	**6.0000e-005**	**1.0700e-003**	**0.0000**	**6.5000e-004**	**0.0000**	**6.5000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.3642**	**0.3642**	**0.0000**	**1.0000e-005**	**0.3670**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.5600e-003	0.0201	0.0870	1.5000e-004		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	13.2547	13.2547	4.5000e-004	0.0000	13.2659
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5600e-003**	**0.0201**	**0.0870**	**1.5000e-004**		**6.4000e-004**	**6.4000e-004**		**6.4000e-004**	**6.4000e-004**	**0.0000**	**13.2547**	**13.2547**	**4.5000e-004**	**0.0000**	**13.2659**

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

3.6 Paving - 2043

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	9.0000e-005	6.0000e-005	1.0700e-003	0.0000	6.5000e-004	0.0000	6.5000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.3642	0.3642	0.0000	1.0000e-005	0.3670
Total	**9.0000e-005**	**6.0000e-005**	**1.0700e-003**	**0.0000**	**6.5000e-004**	**0.0000**	**6.5000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.3642**	**0.3642**	**0.0000**	**1.0000e-005**	**0.3670**

3.7 Architectural Coating - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4620					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0100e-003	0.0127	0.0314	5.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	4.4682	4.4682	1.6000e-004	0.0000	4.4721
Total	**1.4640**	**0.0127**	**0.0314**	**5.0000e-005**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**	**0.0000**	**4.4682**	**4.4682**	**1.6000e-004**	**0.0000**	**4.4721**

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

3.7 Architectural Coating - 2043

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.2100e-003	0.0227	8.0000e-005	0.0137	3.0000e-005	0.0138	3.6600e-003	2.0000e-005	3.6800e-003	0.0000	7.7264	7.7264	1.1000e-004	1.9000e-004	7.7842
Total	**1.8200e-003**	**1.2100e-003**	**0.0227**	**8.0000e-005**	**0.0137**	**3.0000e-005**	**0.0138**	**3.6600e-003**	**2.0000e-005**	**3.6800e-003**	**0.0000**	**7.7264**	**7.7264**	**1.1000e-004**	**1.9000e-004**	**7.7842**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4620					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0100e-003	0.0127	0.0314	5.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	4.4682	4.4682	1.6000e-004	0.0000	4.4721
Total	**1.4640**	**0.0127**	**0.0314**	**5.0000e-005**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**	**0.0000**	**4.4682**	**4.4682**	**1.6000e-004**	**0.0000**	**4.4721**

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

3.7 Architectural Coating - 2043

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.2100e-003	0.0227	8.0000e-005	0.0137	3.0000e-005	0.0138	3.6600e-003	2.0000e-005	3.6800e-003	0.0000	7.7264	7.7264	1.1000e-004	1.9000e-004	7.7842
Total	**1.8200e-003**	**1.2100e-003**	**0.0227**	**8.0000e-005**	**0.0137**	**3.0000e-005**	**0.0138**	**3.6600e-003**	**2.0000e-005**	**3.6800e-003**	**0.0000**	**7.7264**	**7.7264**	**1.1000e-004**	**1.9000e-004**	**7.7842**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking Structure	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
Research & Development	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Research & Development	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking Structure	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Research & Development	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	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					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

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

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

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

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

CSU Placer Center_Const Phase 4

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	286.08	1000sqft	6.57	286,080.00	0
Enclosed Parking Structure	1,392.00	Space	12.53	556,800.00	0
Enclosed Parking Structure	1,054.00	Space	9.49	421,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2050
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Phase 3 would begin in 2048 and end in 2050; however, the model does not go beyond 2050. This should not affect emissions as emissions factors beyond 2035 are not anticipated to change.

Land Use - LU based on project phasing table in PD

Construction Phase -

Demolition - based on SF of parking that would be removed using Caleemod defauly SF/parking size of 400 sf

Vehicle Trips - model used for construction only

Road Dust - model used for construction only

Consumer Products - model used for construction only

Area Coating - model used for construction only

Landscape Equipment - model used for construction only

CSU Placer Center_Const Phase 4 - Placer-Sacramento County, Summer

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

Energy Use - model used for construction only

Water And Wastewater - model used for construction only

Solid Waste - model used for construction only

Area Mitigation - model used for construction only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Nonresidential_Exterior	143040	0
tblAreaCoating	Area_Nonresidential_Interior	429120	0
tblAreaCoating	Area_Parking	58704	0
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24NG	18.39	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0

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

tblRoadDust	RoadPercentPave	100	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	21.74	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	WD_TR	11.26	0.00
tblWater	IndoorWaterUseRate	140,663,804.42	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2040	2.0691	22.2218	23.2464	0.1146	34.3115	0.3186	34.6301	10.1417	0.3118	10.3445	0.0000	11,616.5089	11,616.5089	0.1718	1.1265	11,956.3618
2041	2.7474	15.8058	26.2409	0.0901	19.8049	0.2253	20.0077	10.1417	0.2253	10.3445	0.0000	9,021.7704	9,021.7704	0.2382	0.5790	9,197.9513
2042	2.0052	15.8058	26.2409	0.0901	5.5261	0.1338	5.6598	1.4975	0.1309	1.6284	0.0000	9,021.7704	9,021.7704	0.1455	0.5790	9,197.9513
2043	83.7759	3.6659	16.0359	0.0288	0.8215	0.1167	0.8304	0.2179	0.1166	0.2267	0.0000	2,735.7642	2,735.7642	0.0902	0.0108	2,738.5029
Maximum	**83.7759**	**22.2218**	**26.2409**	**0.1146**	**34.3115**	**0.3186**	**34.6301**	**10.1417**	**0.3118**	**10.3445**	**0.0000**	**11,616.5089**	**11,616.5089**	**0.2382**	**1.1265**	**11,956.3618**

CSU Placer Center_Const Phase 4 - Placer-Sacramento County, Summer

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

	ROG	NOx	CO	SO2	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					
2040	2.0691	22.2218	23.2464	0.1146	34.3115	0.3186	34.6301	10.1417	0.3118	10.3445	0.0000	11,616.5089	11,616.5089	0.1718	1.1265	11,956.3618
2041	2.7474	15.8058	26.2409	0.0901	19.8049	0.2253	20.0077	10.1417	0.2253	10.3445	0.0000	9,021.7704	9,021.7704	0.2382	0.5790	9,197.9513
2042	2.0052	15.8058	26.2409	0.0901	5.5261	0.1338	5.6598	1.4975	0.1309	1.6284	0.0000	9,021.7704	9,021.7704	0.1455	0.5790	9,197.9513
2043	83.7759	3.6659	16.0359	0.0288	0.8215	0.1167	0.8304	0.2179	0.1166	0.2267	0.0000	2,735.7642	2,735.7642	0.0902	0.0108	2,738.5029
Maximum	**83.7759**	**22.2218**	**26.2409**	**0.1146**	**34.3115**	**0.3186**	**34.6301**	**10.1417**	**0.3118**	**10.3445**	**0.0000**	**11,616.5089**	**11,616.5089**	**0.2382**	**1.1265**	**11,956.3618**

	ROG	NOx	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**

CSU Placer Center_Const Phase 4 - Placer-Sacramento 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	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**	**0.0000**	**9.8000e-004**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**	**0.0000**	**0.6364**

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	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**	**0.0000**	**9.8000e-004**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**	**0.0000**	**0.6364**

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	11/9/2040	12/20/2040	5	30	
2	Site Preparation	Site Preparation	12/21/2040	1/17/2041	5	20	
3	Grading	Grading	1/18/2041	3/21/2041	5	45	
4	Building Construction	Building Construction	3/22/2041	11/27/2042	5	440	
5	Paving	Paving	11/28/2042	1/15/2043	5	35	
6	Architectural Coating	Architectural Coating	1/16/2043	3/5/2043	5	35	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 135

Acres of Paving: 22.02

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 429,120; Non-Residential Outdoor: 143,040; Striped Parking Area: 58,704 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	2	8.00	158	0.38

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

Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	4,385.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	502.00	207.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	100.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 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					
Fugitive Dust					31.6306	0.0000	31.6306	4.7892	0.0000	4.7892			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921
Total	**1.6982**	**5.3064**	**18.5788**	**0.0462**	**31.6306**	**0.1629**	**31.7935**	**4.7892**	**0.1629**	**4.9520**		**4,378.5819**	**4,378.5819**	**0.1484**		**4,382.2921**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3534	16.9062	4.4494	0.0676	2.5577	0.1555	2.7132	0.7012	0.1487	0.8499		7,158.6796	7,158.6796	0.0166	1.1249	7,494.3157
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0175	9.2700e-003	0.2182	7.8000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		79.2474	79.2474	9.0000e-004	1.6200e-003	79.7540
Total	**0.3709**	**16.9155**	**4.6677**	**0.0684**	**2.6810**	**0.1557**	**2.8367**	**0.7339**	**0.1489**	**0.8828**		**7,237.9270**	**7,237.9270**	**0.0175**	**1.1265**	**7,574.0697**

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					31.6306	0.0000	31.6306	4.7892	0.0000	4.7892			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920
Total	**1.6982**	**5.3064**	**18.5788**	**0.0462**	**31.6306**	**0.1629**	**31.7935**	**4.7892**	**0.1629**	**4.9520**	**0.0000**	**4,378.5819**	**4,378.5819**	**0.1484**		**4,382.2920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3534	16.9062	4.4494	0.0676	2.5577	0.1555	2.7132	0.7012	0.1487	0.8499		7,158.6796	7,158.6796	0.0166	1.1249	7,494.3157
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0175	9.2700e-003	0.2182	7.8000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		79.2474	79.2474	9.0000e-004	1.6200e-003	79.7540
Total	**0.3709**	**16.9155**	**4.6677**	**0.0684**	**2.6810**	**0.1557**	**2.8367**	**0.7339**	**0.1489**	**0.8828**		**7,237.9270**	**7,237.9270**	**0.0175**	**1.1265**	**7,574.0697**

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

3.3 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**		**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0210	0.0111	0.2619	9.4000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		95.0969	95.0969	1.0800e-003	1.9500e-003	95.7048
Total	**0.0210**	**0.0111**	**0.2619**	**9.4000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**95.0969**	**95.0969**	**1.0800e-003**	**1.9500e-003**	**95.7048**

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0210	0.0111	0.2619	9.4000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		95.0969	95.0969	1.0800e-003	1.9500e-003	95.7048
Total	**0.0210**	**0.0111**	**0.2619**	**9.4000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**95.0969**	**95.0969**	**1.0800e-003**	**1.9500e-003**	**95.7048**

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

3.3 Site Preparation - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**		**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0210	0.0111	0.2619	9.4000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		95.0969	95.0969	1.0800e-003	1.9500e-003	95.7048
Total	**0.0210**	**0.0111**	**0.2619**	**9.4000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**95.0969**	**95.0969**	**1.0800e-003**	**1.9500e-003**	**95.7048**

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

3.3 Site Preparation - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0210	0.0111	0.2619	9.4000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		95.0969	95.0969	1.0800e-003	1.9500e-003	95.7048
Total	**0.0210**	**0.0111**	**0.2619**	**9.4000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**95.0969**	**95.0969**	**1.0800e-003**	**1.9500e-003**	**95.7048**

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

3.4 Grading - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250		7,213.1086	7,213.1086	0.2370		7,219.0343
Total	**2.7241**	**7.3885**	**22.3122**	**0.0699**	**9.2036**	**0.2250**	**9.4286**	**3.6538**	**0.2250**	**3.8788**		**7,213.1086**	**7,213.1086**	**0.2370**		**7,219.0343**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0233	0.0124	0.2910	1.0500e-003	0.1643	3.0000e-004	0.1646	0.0436	2.8000e-004	0.0439		105.6632	105.6632	1.2100e-003	2.1700e-003	106.3387
Total	**0.0233**	**0.0124**	**0.2910**	**1.0500e-003**	**0.1643**	**3.0000e-004**	**0.1646**	**0.0436**	**2.8000e-004**	**0.0439**		**105.6632**	**105.6632**	**1.2100e-003**	**2.1700e-003**	**106.3387**

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

3.4 Grading - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343
Total	**2.7241**	**7.3885**	**22.3122**	**0.0699**	**9.2036**	**0.2250**	**9.4286**	**3.6538**	**0.2250**	**3.8788**	**0.0000**	**7,213.1086**	**7,213.1086**	**0.2370**		**7,219.0343**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0233	0.0124	0.2910	1.0500e-003	0.1643	3.0000e-004	0.1646	0.0436	2.8000e-004	0.0439		105.6632	105.6632	1.2100e-003	2.1700e-003	106.3387
Total	**0.0233**	**0.0124**	**0.2910**	**1.0500e-003**	**0.1643**	**3.0000e-004**	**0.1646**	**0.0436**	**2.8000e-004**	**0.0439**		**105.6632**	**105.6632**	**1.2100e-003**	**2.1700e-003**	**106.3387**

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

3.5 Building Construction - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2227	8.6052	2.8197	0.0329	1.4023	0.0525	1.4548	0.4037	0.0502	0.4539		3,472.0765	3,472.0765	0.0111	0.5247	3,628.6999
Worker	0.5854	0.3103	7.3028	0.0262	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,652.1468	2,652.1468	0.0303	0.0544	2,669.1010
Total	**0.8082**	**8.9155**	**10.1225**	**0.0591**	**5.5261**	**0.0600**	**5.5861**	**1.4975**	**0.0571**	**1.5547**		**6,124.2233**	**6,124.2233**	**0.0414**	**0.5790**	**6,297.8010**

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

3.5 Building Construction - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2227	8.6052	2.8197	0.0329	1.4023	0.0525	1.4548	0.4037	0.0502	0.4539		3,472.0765	3,472.0765	0.0111	0.5247	3,628.6999
Worker	0.5854	0.3103	7.3028	0.0262	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,652.1468	2,652.1468	0.0303	0.0544	2,669.1010
Total	**0.8082**	**8.9155**	**10.1225**	**0.0591**	**5.5261**	**0.0600**	**5.5861**	**1.4975**	**0.0571**	**1.5547**		**6,124.2233**	**6,124.2233**	**0.0414**	**0.5790**	**6,297.8010**

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

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2227	8.6052	2.8197	0.0329	1.4023	0.0525	1.4548	0.4037	0.0502	0.4539		3,472.0765	3,472.0765	0.0111	0.5247	3,628.6999
Worker	0.5854	0.3103	7.3028	0.0262	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,652.1468	2,652.1468	0.0303	0.0544	2,669.1010
Total	**0.8082**	**8.9155**	**10.1225**	**0.0591**	**5.5261**	**0.0600**	**5.5861**	**1.4975**	**0.0571**	**1.5547**		**6,124.2233**	**6,124.2233**	**0.0414**	**0.5790**	**6,297.8010**

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

3.5 Building Construction - 2042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2227	8.6052	2.8197	0.0329	1.4023	0.0525	1.4548	0.4037	0.0502	0.4539		3,472.0765	3,472.0765	0.0111	0.5247	3,628.6999
Worker	0.5854	0.3103	7.3028	0.0262	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,652.1468	2,652.1468	0.0303	0.0544	2,669.1010
Total	**0.8082**	**8.9155**	**10.1225**	**0.0591**	**5.5261**	**0.0600**	**5.5861**	**1.4975**	**0.0571**	**1.5547**		**6,124.2233**	**6,124.2233**	**0.0414**	**0.5790**	**6,297.8010**

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

3.6 Paving - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**		**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0175	9.2700e-003	0.2182	7.8000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		79.2474	79.2474	9.0000e-004	1.6200e-003	79.7540
Total	**0.0175**	**9.2700e-003**	**0.2182**	**7.8000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**79.2474**	**79.2474**	**9.0000e-004**	**1.6200e-003**	**79.7540**

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

3.6 Paving - 2042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0175	9.2700e-003	0.2182	7.8000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		79.2474	79.2474	9.0000e-004	1.6200e-003	79.7540
Total	**0.0175**	**9.2700e-003**	**0.2182**	**7.8000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**79.2474**	**79.2474**	**9.0000e-004**	**1.6200e-003**	**79.7540**

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

3.6 Paving - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**		**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0175	9.2700e-003	0.2182	7.8000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		79.2474	79.2474	9.0000e-004	1.6200e-003	79.7540
Total	**0.0175**	**9.2700e-003**	**0.2182**	**7.8000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**79.2474**	**79.2474**	**9.0000e-004**	**1.6200e-003**	**79.7540**

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

3.6 Paving - 2043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0175	9.2700e-003	0.2182	7.8000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		79.2474	79.2474	9.0000e-004	1.6200e-003	79.7540
Total	**0.0175**	**9.2700e-003**	**0.2182**	**7.8000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**79.2474**	**79.2474**	**9.0000e-004**	**1.6200e-003**	**79.7540**

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

3.7 Architectural Coating - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	83.5444					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	**83.6593**	**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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1166	0.0618	1.4547	5.2300e-003	0.8215	1.5000e-003	0.8230	0.2179	1.3800e-003	0.2193		528.3161	528.3161	6.0300e-003	0.0108	531.6934
Total	**0.1166**	**0.0618**	**1.4547**	**5.2300e-003**	**0.8215**	**1.5000e-003**	**0.8230**	**0.2179**	**1.3800e-003**	**0.2193**		**528.3161**	**528.3161**	**6.0300e-003**	**0.0108**	**531.6934**

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

3.7 Architectural Coating - 2043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	83.5444					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	**83.6593**	**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**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1166	0.0618	1.4547	5.2300e-003	0.8215	1.5000e-003	0.8230	0.2179	1.3800e-003	0.2193		528.3161	528.3161	6.0300e-003	0.0108	531.6934
Total	**0.1166**	**0.0618**	**1.4547**	**5.2300e-003**	**0.8215**	**1.5000e-003**	**0.8230**	**0.2179**	**1.3800e-003**	**0.2193**		**528.3161**	**528.3161**	**6.0300e-003**	**0.0108**	**531.6934**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking Structure	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
Research & Development	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Research & Development	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking Structure	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Research & Development	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

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					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Unmitigated	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**		**0.6364**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**		**0.6364**

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

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

CSU Placer Center_Const Phase 4

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Research & Development	286.08	1000sqft	6.57	286,080.00	0
Enclosed Parking Structure	1,392.00	Space	12.53	556,800.00	0
Enclosed Parking Structure	1,054.00	Space	9.49	421,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2050
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Phase 3 would begin in 2048 and end in 2050; however, the model does not go beyond 2050. This should not affect emissions as emissions factors beyond 2035 are not anticipated to change.

Land Use - LU based on project phasing table in PD

Construction Phase -

Demolition - based on SF of parking that would be removed using Caleemod defauly SF/parking size of 400 sf

Vehicle Trips - model used for construction only

Road Dust - model used for construction only

Consumer Products - model used for construction only

Area Coating - model used for construction only

Landscape Equipment - model used for construction only

CSU Placer Center_Const Phase 4 - Placer-Sacramento County, Winter

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

Energy Use - model used for construction only

Water And Wastewater - model used for construction only

Solid Waste - model used for construction only

Area Mitigation - model used for construction only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	0
tblAreaCoating	Area_EF_Nonresidential_Interior	100	0
tblAreaCoating	Area_EF_Parking	100	0
tblAreaCoating	Area_EF_Residential_Exterior	100	0
tblAreaCoating	Area_EF_Residential_Interior	100	0
tblAreaCoating	Area_Nonresidential_Exterior	143040	0
tblAreaCoating	Area_Nonresidential_Interior	429120	0
tblAreaCoating	Area_Parking	58704	0
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24NG	18.39	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblRoadDust	MaterialMoistureContent	0.5	0
tblRoadDust	MaterialSiltContent	4.3	0
tblRoadDust	MeanVehicleSpeed	40	0
tblRoadDust	MobileAverageVehicleWeight	2.4	0

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

tblRoadDust	RoadPercentPave	100	0
tblRoadDust	RoadSiltLoading	0.1	0
tblSolidWaste	SolidWasteGenerationRate	21.74	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	WD_TR	11.26	0.00
tblWater	IndoorWaterUseRate	140,663,804.42	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2040	2.0396	23.4904	23.3142	0.1147	34.3115	0.3188	34.6304	10.1417	0.3121	10.3445	0.0000	11,620.4876	11,620.4876	0.1720	1.1287	11,960.9567
2041	2.7465	16.5426	25.6983	0.0876	19.8049	0.2253	20.0077	10.1417	0.2253	10.3445	0.0000	8,768.7026	8,768.7026	0.2385	0.5889	8,947.9647
2042	1.9630	16.5426	25.6983	0.0876	5.5261	0.1339	5.6600	1.4975	0.1310	1.6286	0.0000	8,768.7026	8,768.7026	0.1510	0.5889	8,947.9647
2043	83.7713	3.6680	16.0168	0.0288	0.8215	0.1167	0.8304	0.2179	0.1166	0.2267	0.0000	2,727.9411	2,727.9411	0.0904	0.0125	2,730.7579
Maximum	**83.7713**	**23.4904**	**25.6983**	**0.1147**	**34.3115**	**0.3188**	**34.6304**	**10.1417**	**0.3121**	**10.3445**	**0.0000**	**11,620.4876**	**11,620.4876**	**0.2385**	**1.1287**	**11,960.9567**

CSU Placer Center_Const Phase 4 - Placer-Sacramento 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

	ROG	NOx	CO	SO2	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					
2040	2.0396	23.4904	23.3142	0.1147	34.3115	0.3188	34.6304	10.1417	0.3121	10.3445	0.0000	11,620.4876	11,620.4876	0.1720	1.1287	11,960.9567
2041	2.7465	16.5426	25.6983	0.0876	19.8049	0.2253	20.0077	10.1417	0.2253	10.3445	0.0000	8,768.7026	8,768.7026	0.2385	0.5889	8,947.9647
2042	1.9630	16.5426	25.6983	0.0876	5.5261	0.1339	5.6600	1.4975	0.1310	1.6286	0.0000	8,768.7026	8,768.7026	0.1510	0.5889	8,947.9647
2043	83.7713	3.6680	16.0168	0.0288	0.8215	0.1167	0.8304	0.2179	0.1166	0.2267	0.0000	2,727.9411	2,727.9411	0.0904	0.0125	2,730.7579
Maximum	**83.7713**	**23.4904**	**25.6983**	**0.1147**	**34.3115**	**0.3188**	**34.6304**	**10.1417**	**0.3121**	**10.3445**	**0.0000**	**11,620.4876**	**11,620.4876**	**0.2385**	**1.1287**	**11,960.9567**

	ROG	NOx	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**

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	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**	**0.0000**	**9.8000e-004**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**	**0.0000**	**0.6364**

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	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**	**0.0000**	**9.8000e-004**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**	**0.0000**	**0.6364**

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	11/9/2040	12/20/2040	5	30	
2	Site Preparation	Site Preparation	12/21/2040	1/17/2041	5	20	
3	Grading	Grading	1/18/2041	3/21/2041	5	45	
4	Building Construction	Building Construction	3/22/2041	11/27/2042	5	440	
5	Paving	Paving	11/28/2042	1/15/2043	5	35	
6	Architectural Coating	Architectural Coating	1/16/2043	3/5/2043	5	35	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 135

Acres of Paving: 22.02

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 429,120; Non-Residential Outdoor: 143,040; Striped Parking Area: 58,704 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	2	8.00	158	0.38

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

Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	4,385.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	502.00	207.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	100.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Demolition - 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					
Fugitive Dust					31.6306	0.0000	31.6306	4.7892	0.0000	4.7892			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629		4,378.5819	4,378.5819	0.1484		4,382.2921
Total	**1.6982**	**5.3064**	**18.5788**	**0.0462**	**31.6306**	**0.1629**	**31.7935**	**4.7892**	**0.1629**	**4.9520**		**4,378.5819**	**4,378.5819**	**0.1484**		**4,382.2921**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3246	18.1726	4.5362	0.0678	2.5577	0.1557	2.7134	0.7012	0.1490	0.8501		7,170.4813	7,170.4813	0.0152	1.1268	7,506.6556
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0168	0.0115	0.1992	7.1000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		71.4243	71.4243	1.0900e-003	1.8700e-003	72.0090
Total	**0.3414**	**18.1840**	**4.7354**	**0.0685**	**2.6810**	**0.1559**	**2.8369**	**0.7339**	**0.1492**	**0.8830**		**7,241.9057**	**7,241.9057**	**0.0163**	**1.1287**	**7,578.6646**

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

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					31.6306	0.0000	31.6306	4.7892	0.0000	4.7892			0.0000			0.0000
Off-Road	1.6982	5.3064	18.5788	0.0462		0.1629	0.1629		0.1629	0.1629	0.0000	4,378.5819	4,378.5819	0.1484		4,382.2920
Total	**1.6982**	**5.3064**	**18.5788**	**0.0462**	**31.6306**	**0.1629**	**31.7935**	**4.7892**	**0.1629**	**4.9520**	**0.0000**	**4,378.5819**	**4,378.5819**	**0.1484**		**4,382.2920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3246	18.1726	4.5362	0.0678	2.5577	0.1557	2.7134	0.7012	0.1490	0.8501		7,170.4813	7,170.4813	0.0152	1.1268	7,506.6556
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0168	0.0115	0.1992	7.1000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		71.4243	71.4243	1.0900e-003	1.8700e-003	72.0090
Total	**0.3414**	**18.1840**	**4.7354**	**0.0685**	**2.6810**	**0.1559**	**2.8369**	**0.7339**	**0.1492**	**0.8830**		**7,241.9057**	**7,241.9057**	**0.0163**	**1.1287**	**7,578.6646**

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

3.3 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**		**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0202	0.0137	0.2390	8.5000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		85.7092	85.7092	1.3100e-003	2.2400e-003	86.4108
Total	**0.0202**	**0.0137**	**0.2390**	**8.5000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**85.7092**	**85.7092**	**1.3100e-003**	**2.2400e-003**	**86.4108**

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

3.3 Site Preparation - 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	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0202	0.0137	0.2390	8.5000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		85.7092	85.7092	1.3100e-003	2.2400e-003	86.4108
Total	**0.0202**	**0.0137**	**0.2390**	**8.5000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**85.7092**	**85.7092**	**1.3100e-003**	**2.2400e-003**	**86.4108**

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

3.3 Site Preparation - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026		4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**		**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0202	0.0137	0.2390	8.5000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		85.7092	85.7092	1.3100e-003	2.2400e-003	86.4108
Total	**0.0202**	**0.0137**	**0.2390**	**8.5000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**85.7092**	**85.7092**	**1.3100e-003**	**2.2400e-003**	**86.4108**

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

3.3 Site Preparation - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9657	7.9943	15.7797	0.0466		0.2026	0.2026		0.2026	0.2026	0.0000	4,409.7537	4,409.7537	0.1707		4,414.0214
Total	**1.9657**	**7.9943**	**15.7797**	**0.0466**	**19.6570**	**0.2026**	**19.8596**	**10.1025**	**0.2026**	**10.3050**	**0.0000**	**4,409.7537**	**4,409.7537**	**0.1707**		**4,414.0214**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0202	0.0137	0.2390	8.5000e-004	0.1479	2.7000e-004	0.1481	0.0392	2.5000e-004	0.0395		85.7092	85.7092	1.3100e-003	2.2400e-003	86.4108
Total	**0.0202**	**0.0137**	**0.2390**	**8.5000e-004**	**0.1479**	**2.7000e-004**	**0.1481**	**0.0392**	**2.5000e-004**	**0.0395**		**85.7092**	**85.7092**	**1.3100e-003**	**2.2400e-003**	**86.4108**

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

3.4 Grading - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250		7,213.1086	7,213.1086	0.2370		7,219.0343
Total	**2.7241**	**7.3885**	**22.3122**	**0.0699**	**9.2036**	**0.2250**	**9.4286**	**3.6538**	**0.2250**	**3.8788**		**7,213.1086**	**7,213.1086**	**0.2370**		**7,219.0343**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0224	0.0153	0.2655	9.4000e-004	0.1643	3.0000e-004	0.1646	0.0436	2.8000e-004	0.0439		95.2324	95.2324	1.4600e-003	2.4900e-003	96.0120
Total	**0.0224**	**0.0153**	**0.2655**	**9.4000e-004**	**0.1643**	**3.0000e-004**	**0.1646**	**0.0436**	**2.8000e-004**	**0.0439**		**95.2324**	**95.2324**	**1.4600e-003**	**2.4900e-003**	**96.0120**

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

3.4 Grading - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7241	7.3885	22.3122	0.0699		0.2250	0.2250		0.2250	0.2250	0.0000	7,213.1086	7,213.1086	0.2370		7,219.0343
Total	**2.7241**	**7.3885**	**22.3122**	**0.0699**	**9.2036**	**0.2250**	**9.4286**	**3.6538**	**0.2250**	**3.8788**	**0.0000**	**7,213.1086**	**7,213.1086**	**0.2370**		**7,219.0343**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0224	0.0153	0.2655	9.4000e-004	0.1643	3.0000e-004	0.1646	0.0436	2.8000e-004	0.0439		95.2324	95.2324	1.4600e-003	2.4900e-003	96.0120
Total	**0.0224**	**0.0153**	**0.2655**	**9.4000e-004**	**0.1643**	**3.0000e-004**	**0.1646**	**0.0436**	**2.8000e-004**	**0.0439**		**95.2324**	**95.2324**	**1.4600e-003**	**2.4900e-003**	**96.0120**

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

3.5 Building Construction - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2040	9.2691	2.9151	0.0330	1.4023	0.0527	1.4549	0.4037	0.0504	0.4541		3,480.8212	3,480.8212	0.0103	0.5263	3,637.9128
Worker	0.5620	0.3832	6.6647	0.0237	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,390.3343	2,390.3343	0.0365	0.0626	2,409.9016
Total	**0.7660**	**9.6523**	**9.5798**	**0.0566**	**5.5261**	**0.0602**	**5.5863**	**1.4975**	**0.0573**	**1.5549**		**5,871.1555**	**5,871.1555**	**0.0468**	**0.5889**	**6,047.8144**

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

3.5 Building Construction - 2041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2040	9.2691	2.9151	0.0330	1.4023	0.0527	1.4549	0.4037	0.0504	0.4541		3,480.8212	3,480.8212	0.0103	0.5263	3,637.9128
Worker	0.5620	0.3832	6.6647	0.0237	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,390.3343	2,390.3343	0.0365	0.0626	2,409.9016
Total	**0.7660**	**9.6523**	**9.5798**	**0.0566**	**5.5261**	**0.0602**	**5.5863**	**1.4975**	**0.0573**	**1.5549**		**5,871.1555**	**5,871.1555**	**0.0468**	**0.5889**	**6,047.8144**

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

3.5 Building Construction - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2040	9.2691	2.9151	0.0330	1.4023	0.0527	1.4549	0.4037	0.0504	0.4541		3,480.8212	3,480.8212	0.0103	0.5263	3,637.9128
Worker	0.5620	0.3832	6.6647	0.0237	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,390.3343	2,390.3343	0.0365	0.0626	2,409.9016
Total	**0.7660**	**9.6523**	**9.5798**	**0.0566**	**5.5261**	**0.0602**	**5.5863**	**1.4975**	**0.0573**	**1.5549**		**5,871.1555**	**5,871.1555**	**0.0468**	**0.5889**	**6,047.8144**

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

3.5 Building Construction - 2042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5471**	**2,897.5471**	**0.1041**		**2,900.1503**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2040	9.2691	2.9151	0.0330	1.4023	0.0527	1.4549	0.4037	0.0504	0.4541		3,480.8212	3,480.8212	0.0103	0.5263	3,637.9128
Worker	0.5620	0.3832	6.6647	0.0237	4.1238	7.5200e-003	4.1313	1.0938	6.9200e-003	1.1008		2,390.3343	2,390.3343	0.0365	0.0626	2,409.9016
Total	**0.7660**	**9.6523**	**9.5798**	**0.0566**	**5.5261**	**0.0602**	**5.5863**	**1.4975**	**0.0573**	**1.5549**		**5,871.1555**	**5,871.1555**	**0.0468**	**0.5889**	**6,047.8144**

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

3.6 Paving - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**		**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0168	0.0115	0.1992	7.1000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		71.4243	71.4243	1.0900e-003	1.8700e-003	72.0090
Total	**0.0168**	**0.0115**	**0.1992**	**7.1000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**71.4243**	**71.4243**	**1.0900e-003**	**1.8700e-003**	**72.0090**

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

3.6 Paving - 2042

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0168	0.0115	0.1992	7.1000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		71.4243	71.4243	1.0900e-003	1.8700e-003	72.0090
Total	**0.0168**	**0.0115**	**0.1992**	**7.1000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**71.4243**	**71.4243**	**1.0900e-003**	**1.8700e-003**	**72.0090**

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

3.6 Paving - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**		**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0168	0.0115	0.1992	7.1000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		71.4243	71.4243	1.0900e-003	1.8700e-003	72.0090
Total	**0.0168**	**0.0115**	**0.1992**	**7.1000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**71.4243**	**71.4243**	**1.0900e-003**	**1.8700e-003**	**72.0090**

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

3.6 Paving - 2043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0168	0.0115	0.1992	7.1000e-004	0.1232	2.2000e-004	0.1235	0.0327	2.1000e-004	0.0329		71.4243	71.4243	1.0900e-003	1.8700e-003	72.0090
Total	**0.0168**	**0.0115**	**0.1992**	**7.1000e-004**	**0.1232**	**2.2000e-004**	**0.1235**	**0.0327**	**2.1000e-004**	**0.0329**		**71.4243**	**71.4243**	**1.0900e-003**	**1.8700e-003**	**72.0090**

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

3.7 Architectural Coating - 2043

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	83.5444					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	**83.6593**	**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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1119	0.0763	1.3276	4.7100e-003	0.8215	1.5000e-003	0.8230	0.2179	1.3800e-003	0.2193		476.1622	476.1622	7.2800e-003	0.0125	480.0601
Total	**0.1119**	**0.0763**	**1.3276**	**4.7100e-003**	**0.8215**	**1.5000e-003**	**0.8230**	**0.2179**	**1.3800e-003**	**0.2193**		**476.1622**	**476.1622**	**7.2800e-003**	**0.0125**	**480.0601**

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

3.7 Architectural Coating - 2043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	83.5444					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	**83.6593**	**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**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1119	0.0763	1.3276	4.7100e-003	0.8215	1.5000e-003	0.8230	0.2179	1.3800e-003	0.2193		476.1622	476.1622	7.2800e-003	0.0125	480.0601
Total	**0.1119**	**0.0763**	**1.3276**	**4.7100e-003**	**0.8215**	**1.5000e-003**	**0.8230**	**0.2179**	**1.3800e-003**	**0.2193**		**476.1622**	**476.1622**	**7.2800e-003**	**0.0125**	**480.0601**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking Structure	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
Research & Development	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Research & Development	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking Structure	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632
Research & Development	0.493153	0.066878	0.212505	0.136807	0.020870	0.006203	0.020744	0.010622	0.000447	0.000640	0.027740	0.000757	0.002632

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

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					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Unmitigated	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**		**0.6364**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0254	2.4900e-003	0.2772	2.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004		0.5979	0.5979	1.5400e-003		0.6364
Total	**0.0254**	**2.4900e-003**	**0.2772**	**2.0000e-005**		**9.8000e-004**	**9.8000e-004**		**9.8000e-004**	**9.8000e-004**		**0.5979**	**0.5979**	**1.5400e-003**		**0.6364**

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

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

Placer Center Operational Phases 1-3

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	717.00	1000sqft	16.46	717,000.00	0
General Office Building	1.10	1000sqft	0.03	1,100.00	0
Research & Development	30.00	1000sqft	0.69	30,000.00	0
Day-Care Center	10.00	1000sqft	0.23	10,000.00	0
Library	280.00	1000sqft	6.43	280,000.00	0
University/College (4yr)	20,000.00	Student	16.71	728,000.00	0
General Light Industry	37.00	1000sqft	0.85	37,000.00	0
Unrefrigerated Warehouse-No Rail	4.00	1000sqft	0.09	4,000.00	0
Enclosed Parking with Elevator	1,706.00	Space	15.35	682,400.00	0
Parking Lot	4,895.00	Space	44.05	1,958,000.00	0
Health Club	273.00	1000sqft	6.27	273,000.00	0
High Turnover (Sit Down Restaurant)	35.00	1000sqft	0.80	35,000.00	0
Hotel	73.00	Room	2.43	105,996.00	0
Movie Theater (No Matinee)	136.00	1000sqft	3.12	136,000.00	0
Apartments Low Rise	2.50	Dwelling Unit	0.16	2,500.00	7
Apartments Mid Rise	400.00	Dwelling Unit	11.91	519,000.00	1144
Apartments Mid Rise	20.00	Dwelling Unit	0.53	20,000.00	57

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2045
Utility Company	Pacific Gas and Electric Company				

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

CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - IF: Assumed carbon neutral by 2045 according to SB100.

Land Use - Uni. 4 yr sq ft calculated from sum of phases 1-3 sq ft. Student # based on total student pop. following phase 3. Hotel rooms approx. to give sqft from PD. Fire stat. divided into ind. land uses (gen off., unref. wh, apt. low rise)

Construction Phase - .

Vehicle Trips - Trip length and trip rate adjusted to produce total project annual VMT

Vehicle Emission Factors - adjusted using EMFAC 2021 and ACC2 rules. 2007 vehicle categories

Vehicle Emission Factors - adjusted using EMFAC 2021 and ACC2 rules. 2007 vehicle categories

Vehicle Emission Factors - adjusted using EMFAC 2021 and ACC2 rules. 2007 vehicle categories

Woodstoves - project will not include wood burning stoves or fireplaces, and will not utilize natural gas outside of labratory uses

Energy Use - Natural gas use was calculated using labratory natural gas usage data from Sacramento State University and scaling based on the project having roughly half of the FTEs that Sacramento State University has

Water And Wastewater - Total project water demand sourced from PD

Solid Waste - .

Sequestration - # of trees to be planted as part of the project provided by client in PD

Energy Mitigation -

Waste Mitigation - waste divertion from landfill provided by client (CSU requires 80%)

Fleet Mix - .

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Grading - run used for operations only

Trips and VMT - run used for operations only

Architectural Coating - run used for operations only

Placer Center Operational Phases 1-3 - Placer-Sacramento County, Annual

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	1,178,548.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	3,535,644.00	0.00
tblArchitecturalCoating	ConstArea_Parking	158,424.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	365,513.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,096,538.00	0.00
tblArchitecturalCoating	EF_Parking	100.00	0.00
tblEnergyUse	LightingElect	810.36	0.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.34	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	7.57	0.00
tblEnergyUse	LightingElect	3.38	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3,172.76	0.00
tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00

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

tblEnergyUse	NT24E	17.72	0.00
tblEnergyUse	NT24E	1.37	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	68.83	0.00
tblEnergyUse	NT24NG	0.26	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	108.87	0.00
tblEnergyUse	T24E	98.18	0.00
tblEnergyUse	T24E	1.68	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	5.41	0.00
tblEnergyUse	T24E	1.67	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00

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

tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	3.36	59.07
tblEnergyUse	T24E	0.45	0.00
tblEnergyUse	T24NG	8,969.37	0.00
tblEnergyUse	T24NG	6,729.23	0.00
tblEnergyUse	T24NG	8.96	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.18	0.00
tblEnergyUse	T24NG	26.20	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	2.86
tblEnergyUse	T24NG	6.05	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	1.38	0.00
tblFireplaces	NumberGas	231.00	0.00
tblFireplaces	NumberNoFireplace	0.25	0.00
tblFireplaces	NumberNoFireplace	42.00	0.00
tblFireplaces	NumberWood	0.88	0.00
tblFireplaces	NumberWood	147.00	0.00
tblGrading	AcresOfGrading	930.00	0.00
tblGrading	AcresOfGrading	180.00	0.00
tblLandUse	LandUseSquareFeet	3,675,949.37	728,000.00
tblLandUse	LandUseSquareFeet	400,000.00	519,000.00
tblLandUse	LotAcreage	84.39	16.71

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

tblLandUse	LotAcreage	10.53	11.91
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	203.98	0
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblSequestration	NumberOfNewTrees	0.00	2,000.00
tblTripsAndVMT	VendorTripNumber	864.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	2,328.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	466.00	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	1.0150e-003	3.2370e-003

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

tblVehicleEF	HHD	9.31	104.93
tblVehicleEF	HHD	0.23	0.05
tblVehicleEF	HHD	4.4290e-003	2.5000e-004
tblVehicleEF	HHD	1,180.41	3,731.82
tblVehicleEF	HHD	1,025.73	1,102.01
tblVehicleEF	HHD	0.03	1.4390e-003
tblVehicleEF	HHD	0.19	0.59
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	5.1000e-005	0.00
tblVehicleEF	HHD	7.47	72.16
tblVehicleEF	HHD	2.23	1.11
tblVehicleEF	HHD	2.60	1.99
tblVehicleEF	HHD	2.7110e-003	0.03
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.5930e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9150e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	8.8000e-005
tblVehicleEF	HHD	4.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.63	7.10
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.8220e-003
tblVehicleEF	HHD	2.0000e-005	6.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01

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

tblVehicleEF	HHD	1.0000e-006	8.8000e-005
tblVehicleEF	HHD	4.8000e-005	1.0000e-006
tblVehicleEF	HHD	0.72	8.11
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	6.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	1.0160e-003	3.2370e-003
tblVehicleEF	HHD	9.19	103.58
tblVehicleEF	HHD	0.23	0.05
tblVehicleEF	HHD	3.9740e-003	2.2400e-004
tblVehicleEF	HHD	1,165.06	3,731.82
tblVehicleEF	HHD	1,025.73	1,102.01
tblVehicleEF	HHD	0.03	1.4390e-003
tblVehicleEF	HHD	0.18	0.59
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	4.9000e-005	0.00
tblVehicleEF	HHD	7.10	68.58
tblVehicleEF	HHD	2.11	1.05
tblVehicleEF	HHD	2.60	1.99
tblVehicleEF	HHD	2.4070e-003	0.03
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3030e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9150e-003
tblVehicleEF	HHD	0.02	0.02

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

tblVehicleEF	HHD	3.0000e-006	1.0200e-004
tblVehicleEF	HHD	5.4000e-005	1.0000e-006
tblVehicleEF	HHD	0.67	7.52
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.8220e-003
tblVehicleEF	HHD	2.0000e-005	6.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.12
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	3.0000e-006	1.0200e-004
tblVehicleEF	HHD	5.4000e-005	1.0000e-006
tblVehicleEF	HHD	0.76	8.59
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	6.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.11
tblVehicleEF	HHD	1.0140e-003	3.2370e-003
tblVehicleEF	HHD	9.47	106.81
tblVehicleEF	HHD	0.23	0.05
tblVehicleEF	HHD	4.8610e-003	2.7500e-004
tblVehicleEF	HHD	1,201.61	3,731.82
tblVehicleEF	HHD	1,025.73	1,102.01
tblVehicleEF	HHD	0.03	1.4390e-003
tblVehicleEF	HHD	0.19	0.59
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	5.4000e-005	0.00
tblVehicleEF	HHD	7.98	77.10
tblVehicleEF	HHD	2.27	1.12

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

tblVehicleEF	HHD	2.60	1.99
tblVehicleEF	HHD	3.1300e-003	0.04
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.9940e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9150e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	8.6000e-005
tblVehicleEF	HHD	4.7000e-005	0.00
tblVehicleEF	HHD	0.58	6.51
tblVehicleEF	HHD	0.02	9.8210e-003
tblVehicleEF	HHD	2.3000e-005	6.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	0.00	8.6000e-005
tblVehicleEF	HHD	4.7000e-005	0.00
tblVehicleEF	HHD	0.66	7.45
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.3000e-005	6.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	5.4600e-004	1.0730e-003
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.36	0.43
tblVehicleEF	LDA	1.41	1.48
tblVehicleEF	LDA	179.03	188.98
tblVehicleEF	LDA	36.24	51.69

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

tblVehicleEF	LDA	3.0360e-003	2.6340e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3600e-004
tblVehicleEF	LDA	6.4100e-004	6.9700e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	4.0100e-004
tblVehicleEF	LDA	5.8900e-004	6.4100e-004
tblVehicleEF	LDA	0.01	0.76
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	1.5310e-003	2.4830e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.06	0.11
tblVehicleEF	LDA	1.7710e-003	1.9340e-003
tblVehicleEF	LDA	3.5900e-004	4.6700e-004
tblVehicleEF	LDA	0.01	0.76
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	2.2190e-003	3.6230e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	6.4400e-004	1.0730e-003
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.44	0.61
tblVehicleEF	LDA	1.12	1.18
tblVehicleEF	LDA	196.14	188.98

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

tblVehicleEF	LDA	35.75	51.69
tblVehicleEF	LDA	2.8060e-003	2.6340e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3600e-004
tblVehicleEF	LDA	6.4100e-004	6.9700e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	4.0100e-004
tblVehicleEF	LDA	5.8900e-004	6.4100e-004
tblVehicleEF	LDA	0.04	0.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	1.7620e-003	2.6580e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	1.9400e-003	2.1260e-003
tblVehicleEF	LDA	3.5400e-004	4.6200e-004
tblVehicleEF	LDA	0.04	0.91
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	2.5570e-003	3.8780e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	5.1200e-004	1.0730e-003
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.34	0.40
tblVehicleEF	LDA	1.70	1.79

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

tblVehicleEF	LDA	174.70	188.98
tblVehicleEF	LDA	36.75	51.69
tblVehicleEF	LDA	3.2290e-003	2.6340e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.12	0.16
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3600e-004
tblVehicleEF	LDA	6.4100e-004	6.9700e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	4.0100e-004
tblVehicleEF	LDA	5.8900e-004	6.4100e-004
tblVehicleEF	LDA	3.4380e-003	0.72
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.7170e-003	0.00
tblVehicleEF	LDA	1.4580e-003	2.4110e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDA	1.7280e-003	1.8850e-003
tblVehicleEF	LDA	3.6400e-004	4.7300e-004
tblVehicleEF	LDA	3.4380e-003	0.72
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.7170e-003	0.00
tblVehicleEF	LDA	2.1130e-003	3.5170e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.08	0.14
tblVehicleEF	LDT1	6.0000e-004	1.3390e-003
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.37	0.52

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

tblVehicleEF	LDT1	1.49	1.72
tblVehicleEF	LDT1	212.11	249.35
tblVehicleEF	LDT1	43.72	64.54
tblVehicleEF	LDT1	3.0120e-003	3.2780e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.17
tblVehicleEF	LDT1	0.04	9.5030e-003
tblVehicleEF	LDT1	5.0500e-004	5.1600e-004
tblVehicleEF	LDT1	7.2900e-004	8.4600e-004
tblVehicleEF	LDT1	0.02	3.3260e-003
tblVehicleEF	LDT1	4.6500e-004	4.7400e-004
tblVehicleEF	LDT1	6.7000e-004	7.7800e-004
tblVehicleEF	LDT1	0.02	1.33
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	1.6530e-003	2.9990e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	2.0990e-003	2.4840e-003
tblVehicleEF	LDT1	4.3300e-004	5.9900e-004
tblVehicleEF	LDT1	0.02	1.33
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	2.4110e-003	4.3760e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.08	0.14
tblVehicleEF	LDT1	7.0800e-004	1.3390e-003
tblVehicleEF	LDT1	0.02	0.05

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

tblVehicleEF	LDT1	0.47	0.74
tblVehicleEF	LDT1	1.20	1.38
tblVehicleEF	LDT1	230.05	249.35
tblVehicleEF	LDT1	43.21	64.54
tblVehicleEF	LDT1	2.7690e-003	3.2780e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.16
tblVehicleEF	LDT1	0.04	9.5030e-003
tblVehicleEF	LDT1	5.0500e-004	5.1600e-004
tblVehicleEF	LDT1	7.2900e-004	8.4600e-004
tblVehicleEF	LDT1	0.02	3.3260e-003
tblVehicleEF	LDT1	4.6500e-004	4.7400e-004
tblVehicleEF	LDT1	6.7000e-004	7.7800e-004
tblVehicleEF	LDT1	0.06	1.54
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	1.9140e-003	3.2150e-003
tblVehicleEF	LDT1	0.03	0.22
tblVehicleEF	LDT1	0.06	0.10
tblVehicleEF	LDT1	2.2760e-003	2.7070e-003
tblVehicleEF	LDT1	4.2800e-004	5.9300e-004
tblVehicleEF	LDT1	0.06	1.54
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	2.7920e-003	4.6910e-003
tblVehicleEF	LDT1	0.03	0.22
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	5.6100e-004	1.3390e-003

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

tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.36	0.47
tblVehicleEF	LDT1	1.81	2.09
tblVehicleEF	LDT1	207.50	249.35
tblVehicleEF	LDT1	44.27	64.54
tblVehicleEF	LDT1	3.2250e-003	3.2780e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.19
tblVehicleEF	LDT1	0.04	9.5030e-003
tblVehicleEF	LDT1	5.0500e-004	5.1600e-004
tblVehicleEF	LDT1	7.2900e-004	8.4600e-004
tblVehicleEF	LDT1	0.02	3.3260e-003
tblVehicleEF	LDT1	4.6500e-004	4.7400e-004
tblVehicleEF	LDT1	6.7000e-004	7.7800e-004
tblVehicleEF	LDT1	6.5900e-003	1.28
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	5.3190e-003	0.00
tblVehicleEF	LDT1	1.5700e-003	2.9090e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.08	0.15
tblVehicleEF	LDT1	2.0530e-003	2.4270e-003
tblVehicleEF	LDT1	4.3800e-004	6.0500e-004
tblVehicleEF	LDT1	6.5900e-003	1.28
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	5.3190e-003	0.00
tblVehicleEF	LDT1	2.2910e-003	4.2450e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.09	0.17

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

tblVehicleEF	LDT2	7.8500e-004	1.4010e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.43	0.58
tblVehicleEF	LDT2	1.90	2.08
tblVehicleEF	LDT2	211.71	244.73
tblVehicleEF	LDT2	43.91	65.04
tblVehicleEF	LDT2	3.1850e-003	3.2620e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.04	9.4570e-003
tblVehicleEF	LDT2	5.3400e-004	5.1500e-004
tblVehicleEF	LDT2	6.9300e-004	7.9200e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.7400e-004
tblVehicleEF	LDT2	6.3800e-004	7.2800e-004
tblVehicleEF	LDT2	0.03	1.07
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	2.3570e-003	3.9460e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.09	0.16
tblVehicleEF	LDT2	2.0940e-003	2.5870e-003
tblVehicleEF	LDT2	4.3500e-004	6.2300e-004
tblVehicleEF	LDT2	0.03	1.07
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	3.3970e-003	5.7410e-003
tblVehicleEF	LDT2	0.03	0.17

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

tblVehicleEF	LDT2	0.10	0.18
tblVehicleEF	LDT2	9.2600e-004	1.4010e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.54	0.83
tblVehicleEF	LDT2	1.52	1.66
tblVehicleEF	LDT2	227.98	244.73
tblVehicleEF	LDT2	43.24	65.04
tblVehicleEF	LDT2	2.9550e-003	3.2620e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LDT2	0.04	9.4570e-003
tblVehicleEF	LDT2	5.3400e-004	5.1500e-004
tblVehicleEF	LDT2	6.9300e-004	7.9200e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.7400e-004
tblVehicleEF	LDT2	6.3800e-004	7.2800e-004
tblVehicleEF	LDT2	0.09	1.25
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	2.7110e-003	4.2290e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	2.2550e-003	2.8000e-003
tblVehicleEF	LDT2	4.2800e-004	6.1600e-004
tblVehicleEF	LDT2	0.09	1.25
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	3.9140e-003	6.1540e-003

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

tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	7.3300e-004	1.4010e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.41	0.52
tblVehicleEF	LDT2	2.32	2.53
tblVehicleEF	LDT2	207.53	244.73
tblVehicleEF	LDT2	44.62	65.04
tblVehicleEF	LDT2	3.3890e-003	3.2620e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.13	0.22
tblVehicleEF	LDT2	0.04	9.4570e-003
tblVehicleEF	LDT2	5.3400e-004	5.1500e-004
tblVehicleEF	LDT2	6.9300e-004	7.9200e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.7400e-004
tblVehicleEF	LDT2	6.3800e-004	7.2800e-004
tblVehicleEF	LDT2	9.0860e-003	1.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	7.3420e-003	0.00
tblVehicleEF	LDT2	2.2450e-003	3.8290e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.11	0.19
tblVehicleEF	LDT2	2.0530e-003	2.5320e-003
tblVehicleEF	LDT2	4.4200e-004	6.3100e-004
tblVehicleEF	LDT2	9.0860e-003	1.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	7.3420e-003	0.00

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

tblVehicleEF	LDT2	3.2330e-003	5.5700e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.12	0.21
tblVehicleEF	LHD1	3.2450e-003	0.03
tblVehicleEF	LHD1	3.9310e-003	1.8800e-003
tblVehicleEF	LHD1	5.4730e-003	7.6250e-003
tblVehicleEF	LHD1	0.17	1.56
tblVehicleEF	LHD1	0.37	0.23
tblVehicleEF	LHD1	0.75	1.21
tblVehicleEF	LHD1	7.57	59.82
tblVehicleEF	LHD1	622.56	382.79
tblVehicleEF	LHD1	8.26	7.96
tblVehicleEF	LHD1	7.2300e-004	4.6430e-003
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.04	0.25
tblVehicleEF	LHD1	0.14	0.07
tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	1.0390e-003	6.1780e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8720e-003
tblVehicleEF	LHD1	5.3200e-003	4.6800e-003
tblVehicleEF	LHD1	1.7100e-004	3.4000e-005
tblVehicleEF	LHD1	9.9400e-004	5.9110e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2180e-003
tblVehicleEF	LHD1	5.0500e-003	4.4630e-003
tblVehicleEF	LHD1	1.5700e-004	3.1000e-005
tblVehicleEF	LHD1	1.0560e-003	0.85

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

tblVehicleEF	LHD1	0.03	7.5690e-003
tblVehicleEF	LHD1	0.01	0.13
tblVehicleEF	LHD1	5.4600e-004	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3000e-005	6.3100e-004
tblVehicleEF	LHD1	6.0610e-003	3.5460e-003
tblVehicleEF	LHD1	8.2000e-005	8.5000e-005
tblVehicleEF	LHD1	1.0560e-003	0.85
tblVehicleEF	LHD1	0.03	7.5690e-003
tblVehicleEF	LHD1	0.02	0.18
tblVehicleEF	LHD1	5.4600e-004	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.2570e-003	0.03
tblVehicleEF	LHD1	3.9700e-003	1.8800e-003
tblVehicleEF	LHD1	5.1050e-003	7.6250e-003
tblVehicleEF	LHD1	0.17	1.56
tblVehicleEF	LHD1	0.38	0.24
tblVehicleEF	LHD1	0.68	1.10
tblVehicleEF	LHD1	7.57	59.82
tblVehicleEF	LHD1	622.57	382.79
tblVehicleEF	LHD1	8.15	7.96
tblVehicleEF	LHD1	7.2500e-004	4.6430e-003
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.04	0.25

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

tblVehicleEF	LHD1	0.14	0.06
tblVehicleEF	LHD1	0.16	0.14
tblVehicleEF	LHD1	1.0390e-003	6.1780e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8720e-003
tblVehicleEF	LHD1	5.3200e-003	4.6800e-003
tblVehicleEF	LHD1	1.7100e-004	3.4000e-005
tblVehicleEF	LHD1	9.9400e-004	5.9110e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2180e-003
tblVehicleEF	LHD1	5.0500e-003	4.4630e-003
tblVehicleEF	LHD1	1.5700e-004	3.1000e-005
tblVehicleEF	LHD1	2.7150e-003	0.94
tblVehicleEF	LHD1	0.04	8.3630e-003
tblVehicleEF	LHD1	0.01	0.13
tblVehicleEF	LHD1	1.3720e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3000e-005	6.3100e-004
tblVehicleEF	LHD1	6.0610e-003	3.5460e-003
tblVehicleEF	LHD1	8.1000e-005	8.3000e-005
tblVehicleEF	LHD1	2.7150e-003	0.94
tblVehicleEF	LHD1	0.04	8.3630e-003
tblVehicleEF	LHD1	0.02	0.18
tblVehicleEF	LHD1	1.3720e-003	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.02	0.03

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

tblVehicleEF	LHD1	3.2360e-003	0.03
tblVehicleEF	LHD1	3.8980e-003	1.8800e-003
tblVehicleEF	LHD1	5.7960e-003	7.6250e-003
tblVehicleEF	LHD1	0.17	1.56
tblVehicleEF	LHD1	0.37	0.23
tblVehicleEF	LHD1	0.81	1.31
tblVehicleEF	LHD1	7.57	59.82
tblVehicleEF	LHD1	622.56	382.79
tblVehicleEF	LHD1	8.37	7.96
tblVehicleEF	LHD1	7.2100e-004	4.6430e-003
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.04	0.25
tblVehicleEF	LHD1	0.15	0.07
tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	1.0390e-003	6.1780e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8720e-003
tblVehicleEF	LHD1	5.3200e-003	4.6800e-003
tblVehicleEF	LHD1	1.7100e-004	3.4000e-005
tblVehicleEF	LHD1	9.9400e-004	5.9110e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2180e-003
tblVehicleEF	LHD1	5.0500e-003	4.4630e-003
tblVehicleEF	LHD1	1.5700e-004	3.1000e-005
tblVehicleEF	LHD1	3.2900e-004	0.83
tblVehicleEF	LHD1	0.03	6.8320e-003
tblVehicleEF	LHD1	0.01	0.13
tblVehicleEF	LHD1	1.9500e-004	0.00

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

tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	7.3000e-005	6.3100e-004
tblVehicleEF	LHD1	6.0610e-003	3.5460e-003
tblVehicleEF	LHD1	8.3000e-005	8.7000e-005
tblVehicleEF	LHD1	3.2900e-004	0.83
tblVehicleEF	LHD1	0.03	6.8320e-003
tblVehicleEF	LHD1	0.02	0.18
tblVehicleEF	LHD1	1.9500e-004	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.04
tblVehicleEF	LHD2	1.9590e-003	0.01
tblVehicleEF	LHD2	4.8410e-003	3.9960e-003
tblVehicleEF	LHD2	2.7120e-003	3.2260e-003
tblVehicleEF	LHD2	0.13	1.04
tblVehicleEF	LHD2	0.48	0.21
tblVehicleEF	LHD2	0.41	0.57
tblVehicleEF	LHD2	12.19	103.99
tblVehicleEF	LHD2	615.32	444.50
tblVehicleEF	LHD2	5.18	3.46
tblVehicleEF	LHD2	1.6130e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	8.2530e-003	5.7660e-003
tblVehicleEF	LHD2	0.06	0.56
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	1.5480e-003	0.01

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

tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.6480e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.4120e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.6000e-005	1.5000e-005
tblVehicleEF	LHD2	5.4400e-004	0.41
tblVehicleEF	LHD2	0.02	3.5290e-003
tblVehicleEF	LHD2	0.01	0.09
tblVehicleEF	LHD2	2.8000e-004	0.00
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	1.0280e-003
tblVehicleEF	LHD2	5.9280e-003	3.9480e-003
tblVehicleEF	LHD2	5.1000e-005	3.9000e-005
tblVehicleEF	LHD2	5.4400e-004	0.41
tblVehicleEF	LHD2	0.02	3.5290e-003
tblVehicleEF	LHD2	0.01	0.12
tblVehicleEF	LHD2	2.8000e-004	0.00
tblVehicleEF	LHD2	0.11	0.06
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.9650e-003	0.01
tblVehicleEF	LHD2	4.8620e-003	3.9960e-003
tblVehicleEF	LHD2	2.5300e-003	3.2260e-003

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

tblVehicleEF	LHD2	0.13	1.04
tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	0.37	0.52
tblVehicleEF	LHD2	12.19	103.99
tblVehicleEF	LHD2	615.32	444.50
tblVehicleEF	LHD2	5.12	3.46
tblVehicleEF	LHD2	1.6150e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	7.8470e-003	5.7660e-003
tblVehicleEF	LHD2	0.06	0.56
tblVehicleEF	LHD2	0.21	0.17
tblVehicleEF	LHD2	0.08	0.05
tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.6480e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.4120e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.6000e-005	1.5000e-005
tblVehicleEF	LHD2	1.4030e-003	0.45
tblVehicleEF	LHD2	0.02	3.8960e-003
tblVehicleEF	LHD2	0.01	0.09
tblVehicleEF	LHD2	7.0500e-004	0.00
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01

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

tblVehicleEF	LHD2	1.1600e-004	1.0280e-003
tblVehicleEF	LHD2	5.9280e-003	3.9480e-003
tblVehicleEF	LHD2	5.1000e-005	3.8000e-005
tblVehicleEF	LHD2	1.4030e-003	0.45
tblVehicleEF	LHD2	0.02	3.8960e-003
tblVehicleEF	LHD2	0.01	0.12
tblVehicleEF	LHD2	7.0500e-004	0.00
tblVehicleEF	LHD2	0.11	0.06
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.9540e-003	0.01
tblVehicleEF	LHD2	4.8230e-003	3.9960e-003
tblVehicleEF	LHD2	2.8730e-003	3.2260e-003
tblVehicleEF	LHD2	0.13	1.04
tblVehicleEF	LHD2	0.48	0.21
tblVehicleEF	LHD2	0.45	0.62
tblVehicleEF	LHD2	12.19	103.99
tblVehicleEF	LHD2	615.32	444.50
tblVehicleEF	LHD2	5.24	3.46
tblVehicleEF	LHD2	1.6120e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	8.6710e-003	5.7660e-003
tblVehicleEF	LHD2	0.06	0.56
tblVehicleEF	LHD2	0.23	0.19
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.6480e-003
tblVehicleEF	LHD2	0.01	0.01

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

tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.4120e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.6000e-005	1.5000e-005
tblVehicleEF	LHD2	1.6800e-004	0.40
tblVehicleEF	LHD2	0.02	3.1860e-003
tblVehicleEF	LHD2	0.01	0.09
tblVehicleEF	LHD2	1.0000e-004	0.00
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	1.0280e-003
tblVehicleEF	LHD2	5.9280e-003	3.9480e-003
tblVehicleEF	LHD2	5.2000e-005	3.9000e-005
tblVehicleEF	LHD2	1.6800e-004	0.40
tblVehicleEF	LHD2	0.02	3.1860e-003
tblVehicleEF	LHD2	0.01	0.12
tblVehicleEF	LHD2	1.0000e-004	0.00
tblVehicleEF	LHD2	0.11	0.06
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	MCY	0.32	0.19
tblVehicleEF	MCY	0.25	0.15
tblVehicleEF	MCY	17.55	10.33
tblVehicleEF	MCY	9.87	8.27
tblVehicleEF	MCY	210.74	181.00
tblVehicleEF	MCY	59.55	43.03

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

tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	5.7650e-003
tblVehicleEF	MCY	1.16	0.48
tblVehicleEF	MCY	0.27	0.07
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2460e-003
tblVehicleEF	MCY	2.8720e-003	3.3730e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.0930e-003
tblVehicleEF	MCY	2.6800e-003	3.1440e-003
tblVehicleEF	MCY	1.19	4.11
tblVehicleEF	MCY	0.74	3.46
tblVehicleEF	MCY	0.54	0.00
tblVehicleEF	MCY	2.13	0.82
tblVehicleEF	MCY	0.46	3.96
tblVehicleEF	MCY	1.94	0.96
tblVehicleEF	MCY	2.0850e-003	1.8590e-003
tblVehicleEF	MCY	5.8900e-004	3.7600e-004
tblVehicleEF	MCY	1.19	4.11
tblVehicleEF	MCY	0.74	3.46
tblVehicleEF	MCY	0.54	0.00
tblVehicleEF	MCY	2.67	1.03
tblVehicleEF	MCY	0.46	3.96
tblVehicleEF	MCY	2.12	1.04
tblVehicleEF	MCY	0.31	0.19
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	17.06	10.69
tblVehicleEF	MCY	8.12	6.52
tblVehicleEF	MCY	209.72	181.00

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

tblVehicleEF	MCY	55.56	43.03
tblVehicleEF	MCY	0.06	0.04
tblVehicleEF	MCY	0.01	5.7650e-003
tblVehicleEF	MCY	0.97	0.41
tblVehicleEF	MCY	0.25	0.06
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2460e-003
tblVehicleEF	MCY	2.8720e-003	3.3730e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.0930e-003
tblVehicleEF	MCY	2.6800e-003	3.1440e-003
tblVehicleEF	MCY	3.56	6.53
tblVehicleEF	MCY	1.31	3.76
tblVehicleEF	MCY	1.89	0.00
tblVehicleEF	MCY	2.06	0.85
tblVehicleEF	MCY	0.45	4.17
tblVehicleEF	MCY	1.58	0.81
tblVehicleEF	MCY	2.0750e-003	1.8650e-003
tblVehicleEF	MCY	5.5000e-004	3.4400e-004
tblVehicleEF	MCY	3.56	6.53
tblVehicleEF	MCY	1.31	3.76
tblVehicleEF	MCY	1.89	0.00
tblVehicleEF	MCY	2.58	1.06
tblVehicleEF	MCY	0.45	4.17
tblVehicleEF	MCY	1.72	0.88
tblVehicleEF	MCY	0.33	0.19
tblVehicleEF	MCY	0.30	0.15
tblVehicleEF	MCY	18.91	10.08
tblVehicleEF	MCY	11.79	9.96

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

tblVehicleEF	MCY	213.20	181.00
tblVehicleEF	MCY	63.82	43.03
tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	5.7650e-003
tblVehicleEF	MCY	1.26	0.52
tblVehicleEF	MCY	0.30	0.07
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2460e-003
tblVehicleEF	MCY	2.8720e-003	3.3730e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.0930e-003
tblVehicleEF	MCY	2.6800e-003	3.1440e-003
tblVehicleEF	MCY	0.19	3.60
tblVehicleEF	MCY	0.73	3.13
tblVehicleEF	MCY	0.10	0.00
tblVehicleEF	MCY	2.21	0.80
tblVehicleEF	MCY	0.57	4.23
tblVehicleEF	MCY	2.31	1.10
tblVehicleEF	MCY	2.1100e-003	1.8540e-003
tblVehicleEF	MCY	6.3200e-004	4.0700e-004
tblVehicleEF	MCY	0.19	3.60
tblVehicleEF	MCY	0.73	3.13
tblVehicleEF	MCY	0.10	0.00
tblVehicleEF	MCY	2.77	1.00
tblVehicleEF	MCY	0.57	4.23
tblVehicleEF	MCY	2.52	1.20
tblVehicleEF	MDV	8.2500e-004	1.5390e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.43	0.58

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

tblVehicleEF	MDV	1.89	2.06
tblVehicleEF	MDV	256.66	304.04
tblVehicleEF	MDV	52.16	81.49
tblVehicleEF	MDV	4.2840e-003	3.9890e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MDV	0.04	9.5230e-003
tblVehicleEF	MDV	5.2300e-004	5.0700e-004
tblVehicleEF	MDV	6.9400e-004	7.7900e-004
tblVehicleEF	MDV	0.02	3.3330e-003
tblVehicleEF	MDV	4.8200e-004	4.6600e-004
tblVehicleEF	MDV	6.3800e-004	7.1600e-004
tblVehicleEF	MDV	0.05	1.17
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	2.6160e-003	4.0230e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.10	0.16
tblVehicleEF	MDV	2.5360e-003	3.0700e-003
tblVehicleEF	MDV	5.1600e-004	7.3900e-004
tblVehicleEF	MDV	0.05	1.17
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	3.7680e-003	5.8520e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.11	0.18
tblVehicleEF	MDV	9.7200e-004	1.5390e-003
tblVehicleEF	MDV	0.02	0.05

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

tblVehicleEF	MDV	0.54	0.83
tblVehicleEF	MDV	1.51	1.65
tblVehicleEF	MDV	272.45	304.04
tblVehicleEF	MDV	51.49	81.49
tblVehicleEF	MDV	4.0470e-003	3.9890e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.18
tblVehicleEF	MDV	0.04	9.5230e-003
tblVehicleEF	MDV	5.2300e-004	5.0700e-004
tblVehicleEF	MDV	6.9400e-004	7.7900e-004
tblVehicleEF	MDV	0.02	3.3330e-003
tblVehicleEF	MDV	4.8200e-004	4.6600e-004
tblVehicleEF	MDV	6.3800e-004	7.1600e-004
tblVehicleEF	MDV	0.14	1.36
tblVehicleEF	MDV	0.09	0.05
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	3.0030e-003	4.3090e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.08	0.13
tblVehicleEF	MDV	2.6920e-003	3.2760e-003
tblVehicleEF	MDV	5.1000e-004	7.3100e-004
tblVehicleEF	MDV	0.14	1.36
tblVehicleEF	MDV	0.09	0.05
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	4.3320e-003	6.2700e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.09	0.14
tblVehicleEF	MDV	7.7100e-004	1.5390e-003

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

tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.41	0.53
tblVehicleEF	MDV	2.30	2.51
tblVehicleEF	MDV	252.61	304.04
tblVehicleEF	MDV	52.87	81.49
tblVehicleEF	MDV	4.4900e-003	3.9890e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.15	0.22
tblVehicleEF	MDV	0.04	9.5230e-003
tblVehicleEF	MDV	5.2300e-004	5.0700e-004
tblVehicleEF	MDV	6.9400e-004	7.7900e-004
tblVehicleEF	MDV	0.02	3.3330e-003
tblVehicleEF	MDV	4.8200e-004	4.6600e-004
tblVehicleEF	MDV	6.3800e-004	7.1600e-004
tblVehicleEF	MDV	0.01	1.12
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	2.4930e-003	3.9040e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.12	0.19
tblVehicleEF	MDV	2.4960e-003	3.0170e-003
tblVehicleEF	MDV	5.2300e-004	7.4700e-004
tblVehicleEF	MDV	0.01	1.12
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	3.5890e-003	5.6780e-003
tblVehicleEF	MDV	0.04	0.19
tblVehicleEF	MDV	0.13	0.21

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

tblVehicleEF	MH	3.8620e-003	4.1720e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.19	0.20
tblVehicleEF	MH	1.43	1.42
tblVehicleEF	MH	1,236.22	1,383.15
tblVehicleEF	MH	13.06	14.64
tblVehicleEF	MH	0.06	0.08
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	1.01	1.13
tblVehicleEF	MH	0.20	0.23
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	2.0100e-004	2.0800e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3830e-003
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	1.8500e-004	1.9100e-004
tblVehicleEF	MH	0.26	1.21
tblVehicleEF	MH	0.01	1.73
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	1.9560e-003	0.07
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.2900e-004	1.6800e-004
tblVehicleEF	MH	0.26	1.21
tblVehicleEF	MH	0.01	1.73
tblVehicleEF	MH	0.10	0.00

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

tblVehicleEF	MH	0.04	0.05
tblVehicleEF	MH	1.9560e-003	0.07
tblVehicleEF	MH	0.07	0.08
tblVehicleEF	MH	3.9520e-003	4.1720e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.20	0.20
tblVehicleEF	MH	1.26	1.25
tblVehicleEF	MH	1,236.23	1,383.15
tblVehicleEF	MH	12.77	14.64
tblVehicleEF	MH	0.05	0.08
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	0.94	1.05
tblVehicleEF	MH	0.18	0.21
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	2.0100e-004	2.0800e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3830e-003
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	1.8500e-004	1.9100e-004
tblVehicleEF	MH	0.68	1.36
tblVehicleEF	MH	0.02	1.92
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	1.9210e-003	0.07
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.2600e-004	1.6500e-004

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

tblVehicleEF	MH	0.68	1.36
tblVehicleEF	MH	0.02	1.92
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.04	0.05
tblVehicleEF	MH	1.9210e-003	0.07
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	3.7830e-003	4.1720e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.19	0.19
tblVehicleEF	MH	1.58	1.57
tblVehicleEF	MH	1,236.21	1,383.15
tblVehicleEF	MH	13.32	14.64
tblVehicleEF	MH	0.06	0.08
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	1.03	1.16
tblVehicleEF	MH	0.21	0.25
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	2.0100e-004	2.0800e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3830e-003
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	1.8500e-004	1.9100e-004
tblVehicleEF	MH	0.09	1.18
tblVehicleEF	MH	0.01	1.56
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	2.1370e-003	0.07

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

tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.3200e-004	1.7100e-004
tblVehicleEF	MH	0.09	1.18
tblVehicleEF	MH	0.01	1.56
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.04	0.05
tblVehicleEF	MH	2.1370e-003	0.07
tblVehicleEF	MH	0.08	0.08
tblVehicleEF	MHD	1.9890e-003	0.01
tblVehicleEF	MHD	6.0400e-004	2.8700e-004
tblVehicleEF	MHD	3.9880e-003	1.7650e-003
tblVehicleEF	MHD	0.32	4.10
tblVehicleEF	MHD	0.12	0.03
tblVehicleEF	MHD	0.37	0.19
tblVehicleEF	MHD	55.44	737.87
tblVehicleEF	MHD	827.26	437.22
tblVehicleEF	MHD	3.72	1.81
tblVehicleEF	MHD	8.3400e-003	0.11
tblVehicleEF	MHD	0.12	0.06
tblVehicleEF	MHD	4.7260e-003	1.4140e-003
tblVehicleEF	MHD	0.31	2.75
tblVehicleEF	MHD	1.46	0.13
tblVehicleEF	MHD	1.96	0.50
tblVehicleEF	MHD	7.9000e-005	1.1280e-003
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.4410e-003
tblVehicleEF	MHD	5.5000e-005	2.8000e-005
tblVehicleEF	MHD	7.6000e-005	1.0800e-003

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

tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	6.6240e-003	1.3760e-003
tblVehicleEF	MHD	5.0000e-005	2.6000e-005
tblVehicleEF	MHD	1.5400e-004	0.13
tblVehicleEF	MHD	6.2140e-003	7.4400e-004
tblVehicleEF	MHD	0.01	0.13
tblVehicleEF	MHD	7.9000e-005	0.00
tblVehicleEF	MHD	9.8310e-003	2.9770e-003
tblVehicleEF	MHD	6.1980e-003	8.4070e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	5.2500e-004	7.8900e-003
tblVehicleEF	MHD	7.8530e-003	4.6810e-003
tblVehicleEF	MHD	3.7000e-005	2.0000e-005
tblVehicleEF	MHD	1.5400e-004	0.13
tblVehicleEF	MHD	6.2140e-003	7.4400e-004
tblVehicleEF	MHD	0.02	0.17
tblVehicleEF	MHD	7.9000e-005	0.00
tblVehicleEF	MHD	0.01	3.5230e-003
tblVehicleEF	MHD	6.1980e-003	8.4070e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	1.8940e-003	0.01
tblVehicleEF	MHD	6.1200e-004	2.8700e-004
tblVehicleEF	MHD	3.7170e-003	1.7650e-003
tblVehicleEF	MHD	0.29	3.79
tblVehicleEF	MHD	0.12	0.03
tblVehicleEF	MHD	0.33	0.17
tblVehicleEF	MHD	54.80	737.87
tblVehicleEF	MHD	827.26	437.22
tblVehicleEF	MHD	3.66	1.81

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

tblVehicleEF	MHD	8.2240e-003	0.11
tblVehicleEF	MHD	0.12	0.06
tblVehicleEF	MHD	4.4910e-003	1.4140e-003
tblVehicleEF	MHD	0.29	2.61
tblVehicleEF	MHD	1.36	0.12
tblVehicleEF	MHD	1.95	0.50
tblVehicleEF	MHD	7.0000e-005	1.0020e-003
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.4410e-003
tblVehicleEF	MHD	5.5000e-005	2.8000e-005
tblVehicleEF	MHD	6.7000e-005	9.5800e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	6.6240e-003	1.3760e-003
tblVehicleEF	MHD	5.0000e-005	2.6000e-005
tblVehicleEF	MHD	3.9700e-004	0.14
tblVehicleEF	MHD	7.0330e-003	8.2900e-004
tblVehicleEF	MHD	0.01	0.13
tblVehicleEF	MHD	2.0200e-004	0.00
tblVehicleEF	MHD	9.8570e-003	2.9940e-003
tblVehicleEF	MHD	6.0850e-003	8.5000e-003
tblVehicleEF	MHD	0.02	9.6730e-003
tblVehicleEF	MHD	5.1900e-004	7.7900e-003
tblVehicleEF	MHD	7.8530e-003	4.6810e-003
tblVehicleEF	MHD	3.6000e-005	2.0000e-005
tblVehicleEF	MHD	3.9700e-004	0.14
tblVehicleEF	MHD	7.0330e-003	8.2900e-004
tblVehicleEF	MHD	0.02	0.17
tblVehicleEF	MHD	2.0200e-004	0.00
tblVehicleEF	MHD	0.01	3.5490e-003

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

tblVehicleEF	MHD	6.0850e-003	8.5000e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	2.0780e-003	0.01
tblVehicleEF	MHD	5.9700e-004	2.8700e-004
tblVehicleEF	MHD	4.2240e-003	1.7650e-003
tblVehicleEF	MHD	0.35	4.42
tblVehicleEF	MHD	0.12	0.03
tblVehicleEF	MHD	0.41	0.21
tblVehicleEF	MHD	56.37	737.87
tblVehicleEF	MHD	827.26	437.22
tblVehicleEF	MHD	3.78	1.81
tblVehicleEF	MHD	8.5030e-003	0.11
tblVehicleEF	MHD	0.12	0.06
tblVehicleEF	MHD	4.9630e-003	1.4140e-003
tblVehicleEF	MHD	0.33	2.94
tblVehicleEF	MHD	1.48	0.13
tblVehicleEF	MHD	1.96	0.50
tblVehicleEF	MHD	9.2000e-005	1.3030e-003
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.4410e-003
tblVehicleEF	MHD	5.5000e-005	2.8000e-005
tblVehicleEF	MHD	8.8000e-005	1.2470e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	6.6240e-003	1.3760e-003
tblVehicleEF	MHD	5.0000e-005	2.6000e-005
tblVehicleEF	MHD	4.6000e-005	0.12
tblVehicleEF	MHD	6.1850e-003	6.7100e-004
tblVehicleEF	MHD	0.01	0.13
tblVehicleEF	MHD	2.8000e-005	0.00

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

tblVehicleEF	MHD	9.8100e-003	2.9620e-003
tblVehicleEF	MHD	6.9560e-003	8.4530e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	5.3400e-004	8.0330e-003
tblVehicleEF	MHD	7.8530e-003	4.6810e-003
tblVehicleEF	MHD	3.7000e-005	2.1000e-005
tblVehicleEF	MHD	4.6000e-005	0.12
tblVehicleEF	MHD	6.1850e-003	6.7100e-004
tblVehicleEF	MHD	0.02	0.17
tblVehicleEF	MHD	2.8000e-005	0.00
tblVehicleEF	MHD	0.01	3.5030e-003
tblVehicleEF	MHD	6.9560e-003	8.4530e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	OBUS	9.2180e-003	0.06
tblVehicleEF	OBUS	2.3450e-003	1.4780e-003
tblVehicleEF	OBUS	0.02	8.1390e-003
tblVehicleEF	OBUS	0.65	6.14
tblVehicleEF	OBUS	0.21	0.09
tblVehicleEF	OBUS	1.90	0.80
tblVehicleEF	OBUS	75.06	460.42
tblVehicleEF	OBUS	1,241.60	1,019.25
tblVehicleEF	OBUS	16.59	8.51
tblVehicleEF	OBUS	0.01	0.06
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	7.7340e-003
tblVehicleEF	OBUS	0.35	1.77
tblVehicleEF	OBUS	1.13	0.56
tblVehicleEF	OBUS	0.79	0.53
tblVehicleEF	OBUS	1.2200e-004	1.5840e-003

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

tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.9220e-003	8.0820e-003
tblVehicleEF	OBUS	2.3100e-004	8.8000e-005
tblVehicleEF	OBUS	1.1700e-004	1.5160e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	7.7260e-003
tblVehicleEF	OBUS	2.1200e-004	8.1000e-005
tblVehicleEF	OBUS	1.7060e-003	1.19
tblVehicleEF	OBUS	0.02	8.5350e-003
tblVehicleEF	OBUS	0.06	0.49
tblVehicleEF	OBUS	6.1600e-004	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.05
tblVehicleEF	OBUS	7.1500e-004	7.7260e-003
tblVehicleEF	OBUS	0.01	9.6300e-003
tblVehicleEF	OBUS	1.6400e-004	8.3000e-005
tblVehicleEF	OBUS	1.7060e-003	1.19
tblVehicleEF	OBUS	0.02	8.5350e-003
tblVehicleEF	OBUS	0.07	0.63
tblVehicleEF	OBUS	6.1600e-004	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.05
tblVehicleEF	OBUS	9.3390e-003	0.06
tblVehicleEF	OBUS	2.4370e-003	1.4780e-003
tblVehicleEF	OBUS	0.02	8.1390e-003
tblVehicleEF	OBUS	0.64	6.08
tblVehicleEF	OBUS	0.22	0.09

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

tblVehicleEF	OBUS	1.67	0.70
tblVehicleEF	OBUS	74.22	460.42
tblVehicleEF	OBUS	1,241.61	1,019.25
tblVehicleEF	OBUS	16.20	8.51
tblVehicleEF	OBUS	9.9700e-003	0.06
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	7.7340e-003
tblVehicleEF	OBUS	0.34	1.69
tblVehicleEF	OBUS	1.05	0.53
tblVehicleEF	OBUS	0.76	0.52
tblVehicleEF	OBUS	1.0900e-004	1.3940e-003
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.9220e-003	8.0820e-003
tblVehicleEF	OBUS	2.3100e-004	8.8000e-005
tblVehicleEF	OBUS	1.0400e-004	1.3340e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	7.7260e-003
tblVehicleEF	OBUS	2.1200e-004	8.1000e-005
tblVehicleEF	OBUS	4.3500e-003	1.38
tblVehicleEF	OBUS	0.02	9.4430e-003
tblVehicleEF	OBUS	0.06	0.51
tblVehicleEF	OBUS	1.5220e-003	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	7.0700e-004	7.6390e-003
tblVehicleEF	OBUS	0.01	9.6300e-003
tblVehicleEF	OBUS	1.6000e-004	8.2000e-005
tblVehicleEF	OBUS	4.3500e-003	1.38

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

tblVehicleEF	OBUS	0.02	9.4430e-003
tblVehicleEF	OBUS	0.08	0.65
tblVehicleEF	OBUS	1.5220e-003	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.05
tblVehicleEF	OBUS	9.0770e-003	0.06
tblVehicleEF	OBUS	2.2710e-003	1.4780e-003
tblVehicleEF	OBUS	0.02	8.1390e-003
tblVehicleEF	OBUS	0.65	6.22
tblVehicleEF	OBUS	0.21	0.09
tblVehicleEF	OBUS	2.10	0.88
tblVehicleEF	OBUS	76.22	460.42
tblVehicleEF	OBUS	1,241.59	1,019.25
tblVehicleEF	OBUS	16.93	8.51
tblVehicleEF	OBUS	0.01	0.06
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	7.7340e-003
tblVehicleEF	OBUS	0.38	1.89
tblVehicleEF	OBUS	1.17	0.57
tblVehicleEF	OBUS	0.81	0.53
tblVehicleEF	OBUS	1.4100e-004	1.8470e-003
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.9220e-003	8.0820e-003
tblVehicleEF	OBUS	2.3100e-004	8.8000e-005
tblVehicleEF	OBUS	1.3500e-004	1.7670e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	7.7260e-003
tblVehicleEF	OBUS	2.1200e-004	8.1000e-005

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

tblVehicleEF	OBUS	5.6400e-004	1.15
tblVehicleEF	OBUS	0.02	7.7050e-003
tblVehicleEF	OBUS	0.05	0.47
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.05
tblVehicleEF	OBUS	7.2600e-004	7.8480e-003
tblVehicleEF	OBUS	0.01	9.6300e-003
tblVehicleEF	OBUS	1.6800e-004	8.5000e-005
tblVehicleEF	OBUS	5.6400e-004	1.15
tblVehicleEF	OBUS	0.02	7.7050e-003
tblVehicleEF	OBUS	0.07	0.61
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.11	0.06
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2540e-003	2.0900e-004
tblVehicleEF	SBUS	7.3640e-003	1.7350e-003
tblVehicleEF	SBUS	3.53	5.85
tblVehicleEF	SBUS	0.14	0.05
tblVehicleEF	SBUS	1.02	0.24
tblVehicleEF	SBUS	274.76	931.62
tblVehicleEF	SBUS	775.34	514.61
tblVehicleEF	SBUS	5.33	1.19
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	6.1490e-003	1.4510e-003

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

tblVehicleEF	SBUS	1.20	3.04
tblVehicleEF	SBUS	0.95	0.12
tblVehicleEF	SBUS	1.92	0.32
tblVehicleEF	SBUS	2.9300e-004	1.2680e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.3120e-003
tblVehicleEF	SBUS	9.6000e-005	2.3000e-005
tblVehicleEF	SBUS	2.8100e-004	1.2140e-003
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.7020e-003
tblVehicleEF	SBUS	5.2300e-003	1.2470e-003
tblVehicleEF	SBUS	8.8000e-005	2.1000e-005
tblVehicleEF	SBUS	1.3170e-003	0.09
tblVehicleEF	SBUS	0.01	2.4520e-003
tblVehicleEF	SBUS	0.37	0.36
tblVehicleEF	SBUS	4.7600e-004	0.00
tblVehicleEF	SBUS	0.01	3.5590e-003
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	2.6270e-003	9.6920e-003
tblVehicleEF	SBUS	7.4370e-003	4.6180e-003
tblVehicleEF	SBUS	5.3000e-005	1.3000e-005
tblVehicleEF	SBUS	1.3170e-003	0.09
tblVehicleEF	SBUS	0.01	2.4520e-003
tblVehicleEF	SBUS	0.53	0.50
tblVehicleEF	SBUS	4.7600e-004	0.00
tblVehicleEF	SBUS	0.01	4.4800e-003
tblVehicleEF	SBUS	0.02	0.10

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

tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2970e-003	2.0900e-004
tblVehicleEF	SBUS	5.7360e-003	1.7350e-003
tblVehicleEF	SBUS	3.52	5.80
tblVehicleEF	SBUS	0.14	0.05
tblVehicleEF	SBUS	0.65	0.15
tblVehicleEF	SBUS	271.79	931.62
tblVehicleEF	SBUS	775.35	514.61
tblVehicleEF	SBUS	4.70	1.19
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	5.7790e-003	1.4510e-003
tblVehicleEF	SBUS	1.14	2.88
tblVehicleEF	SBUS	0.89	0.11
tblVehicleEF	SBUS	1.91	0.31
tblVehicleEF	SBUS	2.6100e-004	1.1270e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.3120e-003
tblVehicleEF	SBUS	9.6000e-005	2.3000e-005
tblVehicleEF	SBUS	2.4900e-004	1.0780e-003
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.7020e-003
tblVehicleEF	SBUS	5.2300e-003	1.2470e-003
tblVehicleEF	SBUS	8.8000e-005	2.1000e-005
tblVehicleEF	SBUS	3.3650e-003	0.10
tblVehicleEF	SBUS	0.01	2.7050e-003
tblVehicleEF	SBUS	0.37	0.37

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

tblVehicleEF	SBUS	1.1980e-003	0.00
tblVehicleEF	SBUS	0.01	3.6150e-003
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.03	8.1490e-003
tblVehicleEF	SBUS	2.5990e-003	9.5560e-003
tblVehicleEF	SBUS	7.4370e-003	4.6180e-003
tblVehicleEF	SBUS	4.7000e-005	1.2000e-005
tblVehicleEF	SBUS	3.3650e-003	0.10
tblVehicleEF	SBUS	0.01	2.7050e-003
tblVehicleEF	SBUS	0.53	0.51
tblVehicleEF	SBUS	1.1980e-003	0.00
tblVehicleEF	SBUS	0.01	4.5620e-003
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.04	8.9220e-003
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2200e-003	2.0900e-004
tblVehicleEF	SBUS	8.6030e-003	1.7350e-003
tblVehicleEF	SBUS	3.55	5.92
tblVehicleEF	SBUS	0.13	0.05
tblVehicleEF	SBUS	1.34	0.31
tblVehicleEF	SBUS	278.85	931.62
tblVehicleEF	SBUS	775.34	514.61
tblVehicleEF	SBUS	5.85	1.19
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	6.5000e-003	1.4510e-003
tblVehicleEF	SBUS	1.29	3.25
tblVehicleEF	SBUS	0.97	0.12
tblVehicleEF	SBUS	1.92	0.32

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

tblVehicleEF	SBUS	3.3900e-004	1.4640e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.3120e-003
tblVehicleEF	SBUS	9.6000e-005	2.3000e-005
tblVehicleEF	SBUS	3.2400e-004	1.4000e-003
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.7020e-003
tblVehicleEF	SBUS	5.2300e-003	1.2470e-003
tblVehicleEF	SBUS	8.8000e-005	2.1000e-005
tblVehicleEF	SBUS	4.3300e-004	0.09
tblVehicleEF	SBUS	0.01	2.2160e-003
tblVehicleEF	SBUS	0.37	0.36
tblVehicleEF	SBUS	2.1300e-004	0.00
tblVehicleEF	SBUS	0.01	3.5170e-003
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	2.6650e-003	9.8800e-003
tblVehicleEF	SBUS	7.4370e-003	4.6180e-003
tblVehicleEF	SBUS	5.8000e-005	1.4000e-005
tblVehicleEF	SBUS	4.3300e-004	0.09
tblVehicleEF	SBUS	0.01	2.2160e-003
tblVehicleEF	SBUS	0.53	0.49
tblVehicleEF	SBUS	2.1300e-004	0.00
tblVehicleEF	SBUS	0.01	4.4200e-003
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.03	0.00

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

tblVehicleEF	UBUS	5.59	0.03
tblVehicleEF	UBUS	2.46	0.59
tblVehicleEF	UBUS	1,389.01	0.00
tblVehicleEF	UBUS	22.32	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.49	1.0220e-003
tblVehicleEF	UBUS	0.24	0.03
tblVehicleEF	UBUS	0.11	0.06
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	1.1870e-003	0.03
tblVehicleEF	UBUS	0.01	2.3730e-003
tblVehicleEF	UBUS	5.2600e-004	0.00
tblVehicleEF	UBUS	0.02	2.0600e-004
tblVehicleEF	UBUS	2.6500e-003	5.5710e-003
tblVehicleEF	UBUS	0.14	9.0870e-003
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.2100e-004	3.3000e-005
tblVehicleEF	UBUS	1.1870e-003	0.03
tblVehicleEF	UBUS	0.01	2.3730e-003
tblVehicleEF	UBUS	5.2600e-004	0.00
tblVehicleEF	UBUS	0.79	3.0100e-004
tblVehicleEF	UBUS	2.6500e-003	5.5710e-003

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

tblVehicleEF	UBUS	0.15	9.9490e-003
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	5.59	0.04
tblVehicleEF	UBUS	1.93	0.47
tblVehicleEF	UBUS	1,389.01	0.00
tblVehicleEF	UBUS	21.43	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.48	8.6400e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	0.11	0.06
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	3.2490e-003	0.06
tblVehicleEF	UBUS	0.02	2.6890e-003
tblVehicleEF	UBUS	1.4940e-003	0.00
tblVehicleEF	UBUS	0.02	2.1300e-004
tblVehicleEF	UBUS	2.5540e-003	5.9450e-003
tblVehicleEF	UBUS	0.12	7.8980e-003
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.1200e-004	3.1000e-005
tblVehicleEF	UBUS	3.2490e-003	0.06
tblVehicleEF	UBUS	0.02	2.6890e-003

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

tblVehicleEF	UBUS	1.4940e-003	0.00
tblVehicleEF	UBUS	0.79	3.1100e-004
tblVehicleEF	UBUS	2.5540e-003	5.9450e-003
tblVehicleEF	UBUS	0.13	8.6470e-003
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.04	0.00
tblVehicleEF	UBUS	5.59	0.03
tblVehicleEF	UBUS	3.06	0.71
tblVehicleEF	UBUS	1,389.00	0.00
tblVehicleEF	UBUS	23.34	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.50	1.1070e-003
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	0.11	0.06
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	3.2200e-004	0.03
tblVehicleEF	UBUS	0.01	2.0960e-003
tblVehicleEF	UBUS	2.0100e-004	0.00
tblVehicleEF	UBUS	0.02	1.9900e-004
tblVehicleEF	UBUS	3.2920e-003	5.7350e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	0.01	4.9500e-004

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

tblVehicleEF	UBUS	2.3100e-004	3.5000e-005
tblVehicleEF	UBUS	3.2200e-004	0.03
tblVehicleEF	UBUS	0.01	2.0960e-003
tblVehicleEF	UBUS	2.0100e-004	0.00
tblVehicleEF	UBUS	0.79	2.9000e-004
tblVehicleEF	UBUS	3.2920e-003	5.7350e-003
tblVehicleEF	UBUS	0.18	0.01
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TTP	82.30	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.10	0.00
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	61.60	0.00
tblVehicleTrips	CC_TTP	43.00	0.00
tblVehicleTrips	CC_TTP	79.20	0.00
tblVehicleTrips	CC_TTP	48.00	0.00

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

tblVehicleTrips	CC_TTP	88.60	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00

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

tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TTP	12.70	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.90	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	19.40	0.00
tblVehicleTrips	CW_TTP	52.00	0.00
tblVehicleTrips	CW_TTP	1.80	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	6.40	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	58.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	44.00	0.00

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

tblVehicleTrips	DV_TP	17.00	0.00
tblVehicleTrips	DV_TP	15.00	0.00
tblVehicleTrips	DV_TP	9.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HO_TTP	36.40	0.00
tblVehicleTrips	HO_TTP	36.40	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HS_TL	0.00	18.37
tblVehicleTrips	HS_TTP	21.00	0.00
tblVehicleTrips	HS_TTP	21.00	0.00
tblVehicleTrips	HS_TTP	0.00	100.00
tblVehicleTrips	HW_TL	10.80	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblVehicleTrips	HW_TTP	42.60	0.00
tblVehicleTrips	HW_TTP	42.60	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	14.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	12.00	0.00
tblVehicleTrips	PB_TP	17.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00

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

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	28.00	0.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	52.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00
tblVehicleTrips	PR_TP	58.00	0.00
tblVehicleTrips	PR_TP	44.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	82.00	0.00
tblVehicleTrips	PR_TP	91.00	100.00
tblVehicleTrips	PR_TP	92.00	0.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	6.22	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	99.32	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	4.09	0.00

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

tblVehicleTrips	SU_TR	5.84	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	SU_TR	81.93	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	47.62	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	78.09	0.00
tblVehicleTrips	WD_TR	11.26	0.00
tblVehicleTrips	WD_TR	1.56	1.63
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00

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

tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00

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

tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToSupply	2,117.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	IndoorWaterUseRate	162,885.06	0.00
tblWater	IndoorWaterUseRate	27,364,690.76	0.00
tblWater	IndoorWaterUseRate	428,895.67	0.00
tblWater	IndoorWaterUseRate	8,556,250.00	0.00
tblWater	IndoorWaterUseRate	127,630,604.43	0.00

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

tblWater	IndoorWaterUseRate	16,146,078.32	0.00
tblWater	IndoorWaterUseRate	10,623,679.94	0.00
tblWater	IndoorWaterUseRate	1,851,774.21	0.00
tblWater	IndoorWaterUseRate	8,760,894.34	0.00
tblWater	IndoorWaterUseRate	54,617,798.80	0.00
tblWater	IndoorWaterUseRate	14,750,818.42	0.00
tblWater	IndoorWaterUseRate	42,822,000.00	30,900,000.00
tblWater	IndoorWaterUseRate	925,000.00	0.00
tblWater	OutdoorWaterUseRate	102,688.41	0.00
tblWater	OutdoorWaterUseRate	17,251,652.87	0.00
tblWater	OutdoorWaterUseRate	1,102,874.59	0.00
tblWater	OutdoorWaterUseRate	78,225,209.17	0.00
tblWater	OutdoorWaterUseRate	9,895,983.49	0.00
tblWater	OutdoorWaterUseRate	678,107.23	0.00
tblWater	OutdoorWaterUseRate	205,752.69	0.00
tblWater	OutdoorWaterUseRate	13,702,937.31	0.00
tblWater	OutdoorWaterUseRate	3,486,242.48	0.00
tblWater	OutdoorWaterUseRate	66,978,000.00	25,600,000.00
tblWoodstoves	NumberCatalytic	0.13	0.00
tblWoodstoves	NumberCatalytic	21.00	0.00
tblWoodstoves	NumberNoncatalytic	0.13	0.00
tblWoodstoves	NumberNoncatalytic	21.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Placer Center Operational Phases 1-3 - Placer-Sacramento 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					
2022	0.0000	0.0000	0.0000	0.0000	0.5420	0.0000	0.5420	0.2979	0.0000	0.2979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	1.1442	0.0000	1.1442	0.6289	0.0000	0.6289	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2024	0.0000	0.0000	0.0000	0.0000	0.3312	0.0000	0.3312	0.1821	0.0000	0.1821	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	9.7100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0480**	**0.0000**	**0.0000**	**0.0000**	**1.1442**	**0.0000**	**1.1442**	**0.6289**	**0.0000**	**0.6289**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

Placer Center Operational Phases 1-3 - Placer-Sacramento 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					
2022	0.0000	0.0000	0.0000	0.0000	0.5420	0.0000	0.5420	0.2979	0.0000	0.2979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	1.1442	0.0000	1.1442	0.6289	0.0000	0.6289	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2024	0.0000	0.0000	0.0000	0.0000	0.3312	0.0000	0.3312	0.1821	0.0000	0.1821	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	9.7100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0480**	**0.0000**	**0.0000**	**0.0000**	**1.1442**	**0.0000**	**1.1442**	**0.6289**	**0.0000**	**0.6289**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-3 - Placer-Sacramento 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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
55	**4-10-2036**	**7-9-2036**	0.0154	0.0154
56	**7-10-2036**	**10-9-2036**	0.0172	0.0172
57	**10-10-2036**	**1-9-2037**	0.0172	0.0172
58	**1-10-2037**	**4-9-2037**	0.0079	0.0079
		Highest	0.0172	0.0172

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	13.0762	0.0384	3.3808	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6283	5.6283	6.1800e-003	0.0000	5.7827
Energy	0.0112	0.1021	0.0857	6.1000e-004		7.7600e-003	7.7600e-003		7.7600e-003	7.7600e-003	0.0000	111.1077	111.1077	2.1300e-003	2.0400e-003	111.7680
Mobile	19.7621	18.6461	158.2672	0.4486	52.2566	0.1826	52.4392	13.0392	0.1713	13.2106	0.0000	39,089.8659	39,089.8659	1.4556	1.5551	39,589.6608
Waste						0.0000	0.0000		0.0000	0.0000	1,547.3453	0.0000	1,547.3453	91.4455	0.0000	3,833.4825
Water						0.0000	0.0000		0.0000	0.0000	9.8031	0.0000	9.8031	1.0069	0.0238	42.0599
Total	**32.8495**	**18.7865**	**161.7337**	**0.4494**	**52.2566**	**0.2086**	**52.4653**	**13.0392**	**0.1974**	**13.2366**	**1,557.1484**	**39,206.6019**	**40,763.7504**	**93.9163**	**1.5809**	**43,582.7538**

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	13.0762	0.0384	3.3808	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6283	5.6283	6.1800e-003	0.0000	5.7827
Energy	0.0112	0.1021	0.0857	6.1000e-004		7.7600e-003	7.7600e-003		7.7600e-003	7.7600e-003	0.0000	111.1077	111.1077	2.1300e-003	2.0400e-003	111.7680
Mobile	19.7621	18.6461	158.2672	0.4486	52.2566	0.1826	52.4392	13.0392	0.1713	13.2106	0.0000	39,089.8659	39,089.8659	1.4556	1.5551	39,589.6608
Waste						0.0000	0.0000		0.0000	0.0000	1,547.3453	0.0000	1,547.3453	91.4455	0.0000	3,833.4825
Water						0.0000	0.0000		0.0000	0.0000	9.8031	0.0000	9.8031	1.0069	0.0238	42.0599
Total	**32.8495**	**18.7865**	**161.7337**	**0.4494**	**52.2566**	**0.2086**	**52.4653**	**13.0392**	**0.1974**	**13.2366**	**1,557.1484**	**39,206.6019**	**40,763.7504**	**93.9163**	**1.5809**	**43,582.7538**

	ROG	NOx	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**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
New Trees	1,468.0000
Total	**1,468.0000**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/10/2022	3/24/2023	5	120	
2	Grading	Grading	3/25/2023	5/31/2024	5	310	
3	Building Construction	Building Construction	6/1/2024	4/18/2036	5	3100	
4	Paving	Paving	4/19/2036	2/20/2037	5	220	
5	Architectural Coating	Architectural Coating	2/21/2037	12/25/2037	5	220	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 59.4

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

Placer Center Operational Phases 1-3 - Placer-Sacramento County, Annual

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5420	0.0000	0.5420	0.2979	0.0000	0.2979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5420**	**0.0000**	**0.5420**	**0.2979**	**0.0000**	**0.2979**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.2 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5420	0.0000	0.5420	0.2979	0.0000	0.2979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5420**	**0.0000**	**0.5420**	**0.2979**	**0.0000**	**0.2979**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5420	0.0000	0.5420	0.2979	0.0000	0.2979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5420**	**0.0000**	**0.5420**	**0.2979**	**0.0000**	**0.2979**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5420	0.0000	0.5420	0.2979	0.0000	0.2979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5420**	**0.0000**	**0.5420**	**0.2979**	**0.0000**	**0.2979**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6022	0.0000	0.6022	0.3310	0.0000	0.3310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6022**	**0.0000**	**0.6022**	**0.3310**	**0.0000**	**0.3310**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6022	0.0000	0.6022	0.3310	0.0000	0.3310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6022**	**0.0000**	**0.6022**	**0.3310**	**0.0000**	**0.3310**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3312	0.0000	0.3312	0.1821	0.0000	0.1821	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3312**	**0.0000**	**0.3312**	**0.1821**	**0.0000**	**0.1821**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 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					0.3312	0.0000	0.3312	0.1821	0.0000	0.1821	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3312**	**0.0000**	**0.3312**	**0.1821**	**0.0000**	**0.1821**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-3 - Placer-Sacramento County, Annual

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0480**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0480**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	9.7100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7100e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	9.7100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.7100e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.6 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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.6 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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	19.7621	18.6461	158.2672	0.4486	52.2566	0.1826	52.4392	13.0392	0.1713	13.2106	0.0000	39,089.8659	39,089.8659	1.4556	1.5551	39,589.6608
Unmitigated	19.7621	18.6461	158.2672	0.4486	52.2566	0.1826	52.4392	13.0392	0.1713	13.2106	0.0000	39,089.8659	39,089.8659	1.4556	1.5551	39,589.6608

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low 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		
Day-Care Center	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Movie Theater (No Matinee)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		

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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Research & Development	0.00	0.00	0.00		
University/College (4yr)	32,600.00	0.00	0.00	155,704,120	155,704,120
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	32,600.00	0.00	0.00	155,704,120	155,704,120

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 Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Apartments Mid Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Day-Care Center	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Hotel	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Library	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Movie Theater (No Matinee)	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
University/College (4yr)	0.00	0.00	0.00	0.00	0.00	0.00	100	0	0
Unrefrigerated Warehouse-No	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Apartments Mid Rise	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Day-Care Center	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Enclosed Parking with Elevator	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750

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

General Light Industry	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
General Office Building	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Health Club	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
High Turnover (Sit Down Restaurant)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Hotel	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Library	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Movie Theater (No Matinee)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Parking Lot	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Research & Development	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
University/College (4yr)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Unrefrigerated Warehouse-No Rail	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0112	0.1021	0.0857	6.1000e-004		7.7600e-003	7.7600e-003		7.7600e-003	7.7600e-003	0.0000	111.1077	111.1077	2.1300e-003	2.0400e-003	111.7680
NaturalGas Unmitigated	0.0112	0.1021	0.0857	6.1000e-004		7.7600e-003	7.7600e-003		7.7600e-003	7.7600e-003	0.0000	111.1077	111.1077	2.1300e-003	2.0400e-003	111.7680

5.2 Energy by Land Use - NaturalGas

Unmitigated

Placer Center Operational Phases 1-3 - Placer-Sacramento County, Annual

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

	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 Low Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	2.08208e+006	0.0112	0.1021	0.0857	6.1000e-004		7.7600e-003	7.7600e-003		7.7600e-003	7.7600e-003	0.0000	111.1077	111.1077	2.1300e-003	2.0400e-003	111.7680
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0112**	**0.1021**	**0.0857**	**6.1000e-004**		**7.7600e-003**	**7.7600e-003**		**7.7600e-003**	**7.7600e-003**	**0.0000**	**111.1077**	**111.1077**	**2.1300e-003**	**2.0400e-003**	**111.7680**

5.2 Energy by Land Use - NaturalGas

Mitigated

Placer Center Operational Phases 1-3 - Placer-Sacramento County, Annual

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

	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 Low Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	2.08208e+006	0.0112	0.1021	0.0857	6.1000e-004		7.7600e-003	7.7600e-003		7.7600e-003	7.7600e-003	0.0000	111.1077	111.1077	2.1300e-003	2.0400e-003	111.7680
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0112**	**0.1021**	**0.0857**	**6.1000e-004**		**7.7600e-003**	**7.7600e-003**		**7.7600e-003**	**7.7600e-003**	**0.0000**	**111.1077**	**111.1077**	**2.1300e-003**	**2.0400e-003**	**111.7680**

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 Low Rise	0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	4.3003e +007	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	-1941.18	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	-1941.18	0.0000	0.0000	0.0000	0.0000
Day-Care Center	-1941.18	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	-1941.18	0.0000	0.0000	0.0000	0.0000
General Light Industry	-1941.18	0.0000	0.0000	0.0000	0.0000
General Office Building	-1941.18	0.0000	0.0000	0.0000	0.0000
Health Club	-1941.18	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	-1941.18	0.0000	0.0000	0.0000	0.0000
Hotel	-1941.18	0.0000	0.0000	0.0000	0.0000
Library	-1941.18	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	-1941.18	0.0000	0.0000	0.0000	0.0000
Parking Lot	-1941.18	0.0000	0.0000	0.0000	0.0000
Research & Development	-1941.18	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	4.3001e +007	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	-1941.18	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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	13.0762	0.0384	3.3808	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6283	5.6283	6.1800e-003	0.0000	5.7827
Unmitigated	13.0762	0.0384	3.3808	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6283	5.6283	6.1800e-003	0.0000	5.7827

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.4681					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.4912					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	0.1170	0.0384	3.3808	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6283	5.6283	6.1800e-003	0.0000	5.7827
Total	**13.0762**	**0.0384**	**3.3808**	**1.9000e-004**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**5.6283**	**5.6283**	**6.1800e-003**	**0.0000**	**5.7827**

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.4681					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.4912					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	0.1170	0.0384	3.3808	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6283	5.6283	6.1800e-003	0.0000	5.7827
Total	**13.0762**	**0.0384**	**3.3808**	**1.9000e-004**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**5.6283**	**5.6283**	**6.1800e-003**	**0.0000**	**5.7827**

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	9.8031	1.0069	0.0238	42.0599
Unmitigated	9.8031	1.0069	0.0238	42.0599

7.2 Water by Land Use

Unmitigated

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

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	30.9 / 25.6	9.8031	1.0069	0.0238	42.0599
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**9.8031**	**1.0069**	**0.0238**	**42.0599**

7.2 Water by Land Use

Mitigated

Placer Center Operational Phases 1-3 - Placer-Sacramento County, Annual

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

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	30.9 / 25.6	9.8031	1.0069	0.0238	42.0599
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**9.8031**	**1.0069**	**0.0238**	**42.0599**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,547.3453	91.4455	0.0000	3,833.4825
Unmitigated	1,547.3453	91.4455	0.0000	3,833.4825

8.2 Waste by Land Use

Unmitigated

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

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1.15	0.2334	0.0138	0.0000	0.5783
Apartments Mid Rise	193.2	39.2179	2.3177	0.0000	97.1606
Day-Care Center	13	2.6389	0.1560	0.0000	6.5377
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	45.88	9.3132	0.5504	0.0000	23.0731
General Office Building	667.83	135.5635	8.0116	0.0000	335.8527
Health Club	1556.1	315.8742	18.6676	0.0000	782.5651
High Turnover (Sit Down Restaurant)	416.5	84.5457	4.9965	0.0000	209.4585
Hotel	39.97	8.1136	0.4795	0.0000	20.1010
Library	257.86	52.3433	3.0934	0.0000	129.6782
Movie Theater (No Matinee)	775.2	157.3586	9.2996	0.0000	389.8493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Research & Development	2.28	0.4628	0.0274	0.0000	1.1466
University/College (4yr)	3650	740.9170	43.7869	0.0000	1,835.5905
Unrefrigerated Warehouse-No Rail	3.76	0.7633	0.0451	0.0000	1.8909
Total		**1,547.3453**	**91.4455**	**0.0000**	**3,833.4825**

8.2 Waste by Land Use

Mitigated

Placer Center Operational Phases 1-3 - Placer-Sacramento County, Annual

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

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1.15	0.2334	0.0138	0.0000	0.5783
Apartments Mid Rise	193.2	39.2179	2.3177	0.0000	97.1606
Day-Care Center	13	2.6389	0.1560	0.0000	6.5377
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	45.88	9.3132	0.5504	0.0000	23.0731
General Office Building	667.83	135.5635	8.0116	0.0000	335.8527
Health Club	1556.1	315.8742	18.6676	0.0000	782.5651
High Turnover (Sit Down Restaurant)	416.5	84.5457	4.9965	0.0000	209.4585
Hotel	39.97	8.1136	0.4795	0.0000	20.1010
Library	257.86	52.3433	3.0934	0.0000	129.6782
Movie Theater (No Matinee)	775.2	157.3586	9.2996	0.0000	389.8493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Research & Development	2.28	0.4628	0.0274	0.0000	1.1466
University/College (4yr)	3650	740.9170	43.7869	0.0000	1,835.5905
Unrefrigerated Warehouse-No Rail	3.76	0.7633	0.0451	0.0000	1.8909
Total		**1,547.3453**	**91.4455**	**0.0000**	**3,833.4825**

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

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

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	1,468.0000	0.0000	0.0000	1,468.0000

11.2 Net New Trees

Species Class

	Number of Trees	Total CO2	CH4	N2O	CO2e
		MT			
Mixed Hardwood	2000	1,468.0000	0.0000	0.0000	1,468.0000
Total		**1,468.0000**	**0.0000**	**0.0000**	**1,468.0000**

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

Placer Center Operational Phases 1-4

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	717.00	1000sqft	16.46	717,000.00	0
General Office Building	1.10	1000sqft	0.03	1,100.00	0
Government (Civic Center)	45.00	1000sqft	1.03	45,000.00	0
Research & Development	30.00	1000sqft	0.69	30,000.00	0
Day-Care Center	10.00	1000sqft	0.23	10,000.00	0
Library	280.00	1000sqft	6.43	280,000.00	0
University/College (4yr)	20,000.00	Student	38.45	1,675,000.00	0
General Light Industry	37.00	1000sqft	0.85	37,000.00	0
Unrefrigerated Warehouse-No Rail	4.00	1000sqft	0.09	4,000.00	0
Enclosed Parking with Elevator	4,152.00	Space	37.37	1,660,800.00	0
Parking Lot	2,485.00	Space	22.36	994,000.00	0
Arena	15.00	1000sqft	4.82	15,000.00	0
Health Club	273.00	1000sqft	6.27	273,000.00	0
High Turnover (Sit Down Restaurant)	35.00	1000sqft	0.80	35,000.00	0
Hotel	73.00	Room	2.43	105,996.00	0
Movie Theater (No Matinee)	136.00	1000sqft	3.12	136,000.00	0
Apartments Low Rise	2.50	Dwelling Unit	0.16	2,500.00	7
Apartments Mid Rise	400.00	Dwelling Unit	11.91	519,000.00	1144
Apartments Mid Rise	20.00	Dwelling Unit	0.53	20,000.00	57

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2045

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

Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - IF: Assumed carbon neutral by 2045 according to SB100. Start of construction adjusted to match estimate in PD

Land Use - Uni. 4 yr sq ft calculated from sum of phases 1-4 sq ft. Student # based on total student pop. following phase 3. Hotel rooms approx. to give sqft from PD. Fire stat. divided into ind. land uses (gen off., unref. wh, apt. low rise)

Construction Phase - .

Trips and VMT - run used for operations only

Vehicle Trips - Trip length and trip rate adjusted to produce total project annual VMT

Vehicle Emission Factors - adjusted using EMFAC 2021 with ACC2 rule adjustments. 2007 vehicle categories

Vehicle Emission Factors - adjusted using EMFAC 2021 with ACC2 rule adjustments. 2007 vehicle categories

Vehicle Emission Factors - adjusted using EMFAC 2021 with ACC2 rule adjustments. 2007 vehicle categories

Woodstoves - PD specifies no natural gas will be used for campus operations outside of labratory use. Therefore, it is assumed that no NG stoves/fireplaces will be used. Assumed no woodburning stoves/fireplaces

Area Coating -

Energy Use - natural gas calculated using data from labratory gas usage data from Sacramento State University. Electricity input calc. to produce output which matches est. campus energy demand/yr

Water And Wastewater - Total project water demand and wastewater sourced from PD

Solid Waste - .

Sequestration -

Energy Mitigation - PD indicates photovoltaic panels will supply electricity for campus and store excess energy

Waste Mitigation -

Fleet Mix - .

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Grading - run used for operations only

Off-road Equipment - run used for operations only

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

Off-road Equipment - run used for operations only

On-road Fugitive Dust - run used for operations only

Architectural Coating - run used for operations only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	1,682,048.00	2,402,048.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	5,046,144.00	7,206,144.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	365,513.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,096,538.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	0.00
tblEnergyUse	LightingElect	810.36	0.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.34	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	7.57	0.00
tblEnergyUse	LightingElect	3.38	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3,172.76	0.00

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

tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	17.72	0.00
tblEnergyUse	NT24E	1.37	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	68.83	0.00
tblEnergyUse	NT24NG	0.26	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	108.87	0.00

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

tblEnergyUse	T24E	98.18	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.68	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	5.41	0.00
tblEnergyUse	T24E	1.67	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	3.36	29.25
tblEnergyUse	T24E	0.45	0.00
tblEnergyUse	T24NG	8,969.37	0.00
tblEnergyUse	T24NG	6,729.23	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	8.96	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.18	0.00
tblEnergyUse	T24NG	26.20	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	1.25

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

tblEnergyUse	T24NG	6.05	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	1.38	0.00
tblFireplaces	NumberGas	231.00	0.00
tblFireplaces	NumberNoFireplace	0.25	0.00
tblFireplaces	NumberNoFireplace	42.00	0.00
tblFireplaces	NumberWood	0.88	0.00
tblFireplaces	NumberWood	147.00	0.00
tblGrading	AcresOfGrading	930.00	0.00
tblGrading	AcresOfGrading	180.00	0.00
tblLandUse	LandUseSquareFeet	3,675,949.37	1,675,000.00
tblLandUse	LandUseSquareFeet	400,000.00	519,000.00
tblLandUse	LotAcreage	84.39	38.45
tblLandUse	LotAcreage	10.53	11.91
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	203.98	0
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblSequestration	NumberOfNewTrees	0.00	2,000.00
tblTripsAndVMT	VendorTripNumber	1,032.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	2,753.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	551.00	0.00
tblVehicleEF	HHD	0.03	0.10
tblVehicleEF	HHD	1.0150e-003	3.2260e-003
tblVehicleEF	HHD	9.31	105.93
tblVehicleEF	HHD	0.23	0.04
tblVehicleEF	HHD	4.4290e-003	2.2600e-004
tblVehicleEF	HHD	1,180.41	3,474.01
tblVehicleEF	HHD	1,025.73	1,111.51
tblVehicleEF	HHD	0.03	1.2610e-003
tblVehicleEF	HHD	0.19	0.55
tblVehicleEF	HHD	0.16	0.18
tblVehicleEF	HHD	5.1000e-005	0.00
tblVehicleEF	HHD	7.47	72.82
tblVehicleEF	HHD	2.23	1.10

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

tblVehicleEF	HHD	2.60	1.97
tblVehicleEF	HHD	2.7110e-003	0.03
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.5930e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9170e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	7.8000e-005
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.63	7.16
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.7720e-003
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	1.0000e-006	7.8000e-005
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.72	8.19
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.10
tblVehicleEF	HHD	1.0160e-003	3.2260e-003
tblVehicleEF	HHD	9.19	104.56
tblVehicleEF	HHD	0.23	0.04

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

tblVehicleEF	HHD	3.9740e-003	2.0300e-004
tblVehicleEF	HHD	1,165.06	3,474.01
tblVehicleEF	HHD	1,025.73	1,111.51
tblVehicleEF	HHD	0.03	1.2610e-003
tblVehicleEF	HHD	0.18	0.55
tblVehicleEF	HHD	0.16	0.18
tblVehicleEF	HHD	4.9000e-005	0.00
tblVehicleEF	HHD	7.10	69.20
tblVehicleEF	HHD	2.11	1.05
tblVehicleEF	HHD	2.60	1.97
tblVehicleEF	HHD	2.4070e-003	0.03
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3030e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9170e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-006	9.1000e-005
tblVehicleEF	HHD	5.4000e-005	1.0000e-006
tblVehicleEF	HHD	0.67	7.59
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.7720e-003
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	3.0000e-006	9.1000e-005
tblVehicleEF	HHD	5.4000e-005	1.0000e-006

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

tblVehicleEF	HHD	0.76	8.67
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.10
tblVehicleEF	HHD	1.0140e-003	3.2260e-003
tblVehicleEF	HHD	9.47	107.83
tblVehicleEF	HHD	0.23	0.04
tblVehicleEF	HHD	4.8610e-003	2.4800e-004
tblVehicleEF	HHD	1,201.61	3,474.01
tblVehicleEF	HHD	1,025.73	1,111.51
tblVehicleEF	HHD	0.03	1.2610e-003
tblVehicleEF	HHD	0.19	0.55
tblVehicleEF	HHD	0.16	0.18
tblVehicleEF	HHD	5.4000e-005	0.00
tblVehicleEF	HHD	7.98	77.82
tblVehicleEF	HHD	2.27	1.12
tblVehicleEF	HHD	2.60	1.97
tblVehicleEF	HHD	3.1300e-003	0.04
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.9940e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9170e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	7.6000e-005
tblVehicleEF	HHD	4.7000e-005	0.00

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

tblVehicleEF	HHD	0.58	6.57
tblVehicleEF	HHD	0.02	9.7710e-003
tblVehicleEF	HHD	2.3000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	0.00	7.6000e-005
tblVehicleEF	HHD	4.7000e-005	0.00
tblVehicleEF	HHD	0.66	7.51
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.3000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	5.4600e-004	1.0770e-003
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.36	0.43
tblVehicleEF	LDA	1.41	1.47
tblVehicleEF	LDA	179.03	190.41
tblVehicleEF	LDA	36.24	52.08
tblVehicleEF	LDA	3.0360e-003	2.6170e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3200e-004
tblVehicleEF	LDA	6.4100e-004	6.8800e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	3.9700e-004
tblVehicleEF	LDA	5.8900e-004	6.3300e-004
tblVehicleEF	LDA	0.01	0.75

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

tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	1.5310e-003	2.4760e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.06	0.11
tblVehicleEF	LDA	1.7710e-003	1.9310e-003
tblVehicleEF	LDA	3.5900e-004	4.6600e-004
tblVehicleEF	LDA	0.01	0.75
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	2.2190e-003	3.6120e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	6.4400e-004	1.0770e-003
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.44	0.61
tblVehicleEF	LDA	1.12	1.17
tblVehicleEF	LDA	196.14	190.41
tblVehicleEF	LDA	35.75	52.08
tblVehicleEF	LDA	2.8060e-003	2.6170e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3200e-004
tblVehicleEF	LDA	6.4100e-004	6.8800e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	3.9700e-004
tblVehicleEF	LDA	5.8900e-004	6.3300e-004

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

tblVehicleEF	LDA	0.04	0.90
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	1.7620e-003	2.6500e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	1.9400e-003	2.1230e-003
tblVehicleEF	LDA	3.5400e-004	4.6000e-004
tblVehicleEF	LDA	0.04	0.90
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	2.5570e-003	3.8660e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	5.1200e-004	1.0770e-003
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.34	0.40
tblVehicleEF	LDA	1.70	1.78
tblVehicleEF	LDA	174.70	190.41
tblVehicleEF	LDA	36.75	52.08
tblVehicleEF	LDA	3.2290e-003	2.6170e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.12	0.15
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3200e-004
tblVehicleEF	LDA	6.4100e-004	6.8800e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	3.9700e-004

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

tblVehicleEF	LDA	5.8900e-004	6.3300e-004
tblVehicleEF	LDA	3.4380e-003	0.71
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.7170e-003	0.00
tblVehicleEF	LDA	1.4580e-003	2.4040e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDA	1.7280e-003	1.8830e-003
tblVehicleEF	LDA	3.6400e-004	4.7100e-004
tblVehicleEF	LDA	3.4380e-003	0.71
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.7170e-003	0.00
tblVehicleEF	LDA	2.1130e-003	3.5060e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.08	0.14
tblVehicleEF	LDT1	6.0000e-004	1.3180e-003
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.37	0.51
tblVehicleEF	LDT1	1.49	1.70
tblVehicleEF	LDT1	212.11	246.45
tblVehicleEF	LDT1	43.72	64.02
tblVehicleEF	LDT1	3.0120e-003	3.2160e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.17
tblVehicleEF	LDT1	0.04	9.4960e-003
tblVehicleEF	LDT1	5.0500e-004	5.0400e-004
tblVehicleEF	LDT1	7.2900e-004	8.1900e-004
tblVehicleEF	LDT1	0.02	3.3230e-003

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

tblVehicleEF	LDT1	4.6500e-004	4.6400e-004
tblVehicleEF	LDT1	6.7000e-004	7.5300e-004
tblVehicleEF	LDT1	0.02	1.30
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	1.6530e-003	2.9710e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	2.0990e-003	2.4760e-003
tblVehicleEF	LDT1	4.3300e-004	5.9500e-004
tblVehicleEF	LDT1	0.02	1.30
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	2.4110e-003	4.3350e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.08	0.14
tblVehicleEF	LDT1	7.0800e-004	1.3180e-003
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.47	0.74
tblVehicleEF	LDT1	1.20	1.36
tblVehicleEF	LDT1	230.05	246.45
tblVehicleEF	LDT1	43.21	64.02
tblVehicleEF	LDT1	2.7690e-003	3.2160e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.16
tblVehicleEF	LDT1	0.04	9.4960e-003
tblVehicleEF	LDT1	5.0500e-004	5.0400e-004
tblVehicleEF	LDT1	7.2900e-004	8.1900e-004

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

tblVehicleEF	LDT1	0.02	3.3230e-003
tblVehicleEF	LDT1	4.6500e-004	4.6400e-004
tblVehicleEF	LDT1	6.7000e-004	7.5300e-004
tblVehicleEF	LDT1	0.06	1.49
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	1.9140e-003	3.1860e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.06	0.10
tblVehicleEF	LDT1	2.2760e-003	2.6980e-003
tblVehicleEF	LDT1	4.2800e-004	5.8900e-004
tblVehicleEF	LDT1	0.06	1.49
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	2.7920e-003	4.6480e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	5.6100e-004	1.3180e-003
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.36	0.47
tblVehicleEF	LDT1	1.81	2.06
tblVehicleEF	LDT1	207.50	246.45
tblVehicleEF	LDT1	44.27	64.02
tblVehicleEF	LDT1	3.2250e-003	3.2160e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.19
tblVehicleEF	LDT1	0.04	9.4960e-003
tblVehicleEF	LDT1	5.0500e-004	5.0400e-004

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

tblVehicleEF	LDT1	7.2900e-004	8.1900e-004
tblVehicleEF	LDT1	0.02	3.3230e-003
tblVehicleEF	LDT1	4.6500e-004	4.6400e-004
tblVehicleEF	LDT1	6.7000e-004	7.5300e-004
tblVehicleEF	LDT1	6.5900e-003	1.25
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	5.3190e-003	0.00
tblVehicleEF	LDT1	1.5700e-003	2.8820e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.08	0.15
tblVehicleEF	LDT1	2.0530e-003	2.4190e-003
tblVehicleEF	LDT1	4.3800e-004	6.0100e-004
tblVehicleEF	LDT1	6.5900e-003	1.25
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	5.3190e-003	0.00
tblVehicleEF	LDT1	2.2910e-003	4.2050e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT2	7.8500e-004	1.3880e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.43	0.58
tblVehicleEF	LDT2	1.90	2.07
tblVehicleEF	LDT2	211.71	242.84
tblVehicleEF	LDT2	43.91	64.67
tblVehicleEF	LDT2	3.1850e-003	3.2120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.04	9.4570e-003

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

tblVehicleEF	LDT2	5.3400e-004	5.0800e-004
tblVehicleEF	LDT2	6.9300e-004	7.7500e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.6800e-004
tblVehicleEF	LDT2	6.3800e-004	7.1200e-004
tblVehicleEF	LDT2	0.03	1.06
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	2.3570e-003	3.9380e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.09	0.16
tblVehicleEF	LDT2	2.0940e-003	2.5810e-003
tblVehicleEF	LDT2	4.3500e-004	6.2100e-004
tblVehicleEF	LDT2	0.03	1.06
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	3.3970e-003	5.7290e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	9.2600e-004	1.3880e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.54	0.83
tblVehicleEF	LDT2	1.52	1.65
tblVehicleEF	LDT2	227.98	242.84
tblVehicleEF	LDT2	43.24	64.67
tblVehicleEF	LDT2	2.9550e-003	3.2120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.11	0.18

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

tblVehicleEF	LDT2	0.04	9.4570e-003
tblVehicleEF	LDT2	5.3400e-004	5.0800e-004
tblVehicleEF	LDT2	6.9300e-004	7.7500e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.6800e-004
tblVehicleEF	LDT2	6.3800e-004	7.1200e-004
tblVehicleEF	LDT2	0.09	1.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	2.7110e-003	4.2200e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	2.2550e-003	2.7940e-003
tblVehicleEF	LDT2	4.2800e-004	6.1300e-004
tblVehicleEF	LDT2	0.09	1.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	3.9140e-003	6.1410e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	7.3300e-004	1.3880e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.41	0.52
tblVehicleEF	LDT2	2.32	2.52
tblVehicleEF	LDT2	207.53	242.84
tblVehicleEF	LDT2	44.62	64.67
tblVehicleEF	LDT2	3.3890e-003	3.2120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02

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

tblVehicleEF	LDT2	0.13	0.22
tblVehicleEF	LDT2	0.04	9.4570e-003
tblVehicleEF	LDT2	5.3400e-004	5.0800e-004
tblVehicleEF	LDT2	6.9300e-004	7.7500e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.6800e-004
tblVehicleEF	LDT2	6.3800e-004	7.1200e-004
tblVehicleEF	LDT2	9.0860e-003	1.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	7.3420e-003	0.00
tblVehicleEF	LDT2	2.2450e-003	3.8210e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LDT2	2.0530e-003	2.5270e-003
tblVehicleEF	LDT2	4.4200e-004	6.2900e-004
tblVehicleEF	LDT2	9.0860e-003	1.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	7.3420e-003	0.00
tblVehicleEF	LDT2	3.2330e-003	5.5580e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LHD1	3.2450e-003	0.03
tblVehicleEF	LHD1	3.9310e-003	1.5000e-003
tblVehicleEF	LHD1	5.4730e-003	7.1250e-003
tblVehicleEF	LHD1	0.17	1.49
tblVehicleEF	LHD1	0.37	0.22
tblVehicleEF	LHD1	0.75	1.18
tblVehicleEF	LHD1	7.57	55.69
tblVehicleEF	LHD1	622.56	356.70

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

tblVehicleEF	LHD1	8.26	7.58
tblVehicleEF	LHD1	7.2300e-004	4.2560e-003
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.04	0.22
tblVehicleEF	LHD1	0.14	0.05
tblVehicleEF	LHD1	0.17	0.14
tblVehicleEF	LHD1	1.0390e-003	5.7920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8300e-003
tblVehicleEF	LHD1	5.3200e-003	4.1130e-003
tblVehicleEF	LHD1	1.7100e-004	3.3000e-005
tblVehicleEF	LHD1	9.9400e-004	5.5410e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2080e-003
tblVehicleEF	LHD1	5.0500e-003	3.9200e-003
tblVehicleEF	LHD1	1.5700e-004	3.0000e-005
tblVehicleEF	LHD1	1.0560e-003	0.78
tblVehicleEF	LHD1	0.03	6.7650e-003
tblVehicleEF	LHD1	0.01	0.12
tblVehicleEF	LHD1	5.4600e-004	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3000e-005	5.9500e-004
tblVehicleEF	LHD1	6.0610e-003	3.3980e-003
tblVehicleEF	LHD1	8.2000e-005	8.1000e-005
tblVehicleEF	LHD1	1.0560e-003	0.78
tblVehicleEF	LHD1	0.03	6.7650e-003

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

tblVehicleEF	LHD1	0.02	0.17
tblVehicleEF	LHD1	5.4600e-004	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.2570e-003	0.03
tblVehicleEF	LHD1	3.9700e-003	1.5000e-003
tblVehicleEF	LHD1	5.1050e-003	7.1250e-003
tblVehicleEF	LHD1	0.17	1.49
tblVehicleEF	LHD1	0.38	0.23
tblVehicleEF	LHD1	0.68	1.07
tblVehicleEF	LHD1	7.57	55.69
tblVehicleEF	LHD1	622.57	356.70
tblVehicleEF	LHD1	8.15	7.58
tblVehicleEF	LHD1	7.2500e-004	4.2560e-003
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.04	0.22
tblVehicleEF	LHD1	0.14	0.05
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	1.0390e-003	5.7920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8300e-003
tblVehicleEF	LHD1	5.3200e-003	4.1130e-003
tblVehicleEF	LHD1	1.7100e-004	3.3000e-005
tblVehicleEF	LHD1	9.9400e-004	5.5410e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2080e-003
tblVehicleEF	LHD1	5.0500e-003	3.9200e-003

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

tblVehicleEF	LHD1	1.5700e-004	3.0000e-005
tblVehicleEF	LHD1	2.7150e-003	0.85
tblVehicleEF	LHD1	0.04	7.4750e-003
tblVehicleEF	LHD1	0.01	0.12
tblVehicleEF	LHD1	1.3720e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3000e-005	5.9500e-004
tblVehicleEF	LHD1	6.0610e-003	3.3980e-003
tblVehicleEF	LHD1	8.1000e-005	7.9000e-005
tblVehicleEF	LHD1	2.7150e-003	0.85
tblVehicleEF	LHD1	0.04	7.4750e-003
tblVehicleEF	LHD1	0.02	0.17
tblVehicleEF	LHD1	1.3720e-003	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.2360e-003	0.03
tblVehicleEF	LHD1	3.8980e-003	1.5000e-003
tblVehicleEF	LHD1	5.7960e-003	7.1250e-003
tblVehicleEF	LHD1	0.17	1.49
tblVehicleEF	LHD1	0.37	0.22
tblVehicleEF	LHD1	0.81	1.27
tblVehicleEF	LHD1	7.57	55.69
tblVehicleEF	LHD1	622.56	356.70
tblVehicleEF	LHD1	8.37	7.58
tblVehicleEF	LHD1	7.2100e-004	4.2560e-003
tblVehicleEF	LHD1	0.04	0.02

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

tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.04	0.22
tblVehicleEF	LHD1	0.15	0.05
tblVehicleEF	LHD1	0.18	0.15
tblVehicleEF	LHD1	1.0390e-003	5.7920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8300e-003
tblVehicleEF	LHD1	5.3200e-003	4.1130e-003
tblVehicleEF	LHD1	1.7100e-004	3.3000e-005
tblVehicleEF	LHD1	9.9400e-004	5.5410e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2080e-003
tblVehicleEF	LHD1	5.0500e-003	3.9200e-003
tblVehicleEF	LHD1	1.5700e-004	3.0000e-005
tblVehicleEF	LHD1	3.2900e-004	0.76
tblVehicleEF	LHD1	0.03	6.1060e-003
tblVehicleEF	LHD1	0.01	0.12
tblVehicleEF	LHD1	1.9500e-004	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	7.3000e-005	5.9500e-004
tblVehicleEF	LHD1	6.0610e-003	3.3980e-003
tblVehicleEF	LHD1	3.2900e-004	0.76
tblVehicleEF	LHD1	0.03	6.1060e-003
tblVehicleEF	LHD1	0.02	0.17
tblVehicleEF	LHD1	1.9500e-004	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.06

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

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD2	1.9590e-003	0.01
tblVehicleEF	LHD2	4.8410e-003	3.2700e-003
tblVehicleEF	LHD2	2.7120e-003	2.9500e-003
tblVehicleEF	LHD2	0.13	0.99
tblVehicleEF	LHD2	0.48	0.19
tblVehicleEF	LHD2	0.41	0.55
tblVehicleEF	LHD2	12.19	97.76
tblVehicleEF	LHD2	615.32	419.22
tblVehicleEF	LHD2	5.18	3.25
tblVehicleEF	LHD2	1.6130e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	8.2530e-003	5.2360e-003
tblVehicleEF	LHD2	0.06	0.50
tblVehicleEF	LHD2	0.22	0.15
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.5750e-003
tblVehicleEF	LHD2	0.01	9.5270e-003
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.3940e-003
tblVehicleEF	LHD2	0.01	9.1090e-003
tblVehicleEF	LHD2	8.6000e-005	1.4000e-005
tblVehicleEF	LHD2	5.4400e-004	0.37
tblVehicleEF	LHD2	0.02	3.1430e-003
tblVehicleEF	LHD2	0.01	0.08

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

tblVehicleEF	LHD2	2.8000e-004	0.00
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	9.6800e-004
tblVehicleEF	LHD2	5.9280e-003	3.7710e-003
tblVehicleEF	LHD2	5.1000e-005	3.7000e-005
tblVehicleEF	LHD2	5.4400e-004	0.37
tblVehicleEF	LHD2	0.02	3.1430e-003
tblVehicleEF	LHD2	0.01	0.11
tblVehicleEF	LHD2	2.8000e-004	0.00
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.9650e-003	0.01
tblVehicleEF	LHD2	4.8620e-003	3.2700e-003
tblVehicleEF	LHD2	2.5300e-003	2.9500e-003
tblVehicleEF	LHD2	0.13	0.99
tblVehicleEF	LHD2	0.49	0.19
tblVehicleEF	LHD2	0.37	0.50
tblVehicleEF	LHD2	12.19	97.76
tblVehicleEF	LHD2	615.32	419.22
tblVehicleEF	LHD2	5.12	3.25
tblVehicleEF	LHD2	1.6150e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	7.8470e-003	5.2360e-003
tblVehicleEF	LHD2	0.06	0.50
tblVehicleEF	LHD2	0.21	0.14
tblVehicleEF	LHD2	0.08	0.05

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

tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.5750e-003
tblVehicleEF	LHD2	0.01	9.5270e-003
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.3940e-003
tblVehicleEF	LHD2	0.01	9.1090e-003
tblVehicleEF	LHD2	8.6000e-005	1.4000e-005
tblVehicleEF	LHD2	1.4030e-003	0.41
tblVehicleEF	LHD2	0.02	3.4710e-003
tblVehicleEF	LHD2	0.01	0.08
tblVehicleEF	LHD2	7.0500e-004	0.00
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	9.6800e-004
tblVehicleEF	LHD2	5.9280e-003	3.7710e-003
tblVehicleEF	LHD2	5.1000e-005	3.6000e-005
tblVehicleEF	LHD2	1.4030e-003	0.41
tblVehicleEF	LHD2	0.02	3.4710e-003
tblVehicleEF	LHD2	0.01	0.11
tblVehicleEF	LHD2	7.0500e-004	0.00
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.9540e-003	0.01
tblVehicleEF	LHD2	4.8230e-003	3.2700e-003

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

tblVehicleEF	LHD2	2.8730e-003	2.9500e-003
tblVehicleEF	LHD2	0.13	0.99
tblVehicleEF	LHD2	0.48	0.19
tblVehicleEF	LHD2	0.45	0.60
tblVehicleEF	LHD2	12.19	97.76
tblVehicleEF	LHD2	615.32	419.22
tblVehicleEF	LHD2	5.24	3.25
tblVehicleEF	LHD2	1.6120e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	8.6710e-003	5.2360e-003
tblVehicleEF	LHD2	0.06	0.50
tblVehicleEF	LHD2	0.23	0.15
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.5750e-003
tblVehicleEF	LHD2	0.01	9.5270e-003
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.3940e-003
tblVehicleEF	LHD2	0.01	9.1090e-003
tblVehicleEF	LHD2	8.6000e-005	1.4000e-005
tblVehicleEF	LHD2	1.6800e-004	0.37
tblVehicleEF	LHD2	0.02	2.8380e-003
tblVehicleEF	LHD2	0.01	0.08
tblVehicleEF	LHD2	1.0000e-004	0.00
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.03

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

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	9.6800e-004
tblVehicleEF	LHD2	5.9280e-003	3.7710e-003
tblVehicleEF	LHD2	5.2000e-005	3.8000e-005
tblVehicleEF	LHD2	1.6800e-004	0.37
tblVehicleEF	LHD2	0.02	2.8380e-003
tblVehicleEF	LHD2	0.01	0.11
tblVehicleEF	LHD2	1.0000e-004	0.00
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	MCY	0.32	0.17
tblVehicleEF	MCY	0.25	0.14
tblVehicleEF	MCY	17.55	10.17
tblVehicleEF	MCY	9.87	8.20
tblVehicleEF	MCY	210.74	177.64
tblVehicleEF	MCY	59.55	39.22
tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	4.7110e-003
tblVehicleEF	MCY	1.16	0.48
tblVehicleEF	MCY	0.27	0.06
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2680e-003
tblVehicleEF	MCY	2.8720e-003	3.5080e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.1140e-003
tblVehicleEF	MCY	2.6800e-003	3.2700e-003
tblVehicleEF	MCY	1.19	3.91
tblVehicleEF	MCY	0.74	3.45

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

tblVehicleEF	MCY	0.54	0.00
tblVehicleEF	MCY	2.13	0.80
tblVehicleEF	MCY	0.46	3.94
tblVehicleEF	MCY	1.94	0.89
tblVehicleEF	MCY	2.0850e-003	1.8560e-003
tblVehicleEF	MCY	5.8900e-004	3.5900e-004
tblVehicleEF	MCY	1.19	3.91
tblVehicleEF	MCY	0.74	3.45
tblVehicleEF	MCY	0.54	0.00
tblVehicleEF	MCY	2.67	1.01
tblVehicleEF	MCY	0.46	3.94
tblVehicleEF	MCY	2.12	0.97
tblVehicleEF	MCY	0.31	0.17
tblVehicleEF	MCY	0.21	0.14
tblVehicleEF	MCY	17.06	10.55
tblVehicleEF	MCY	8.12	6.43
tblVehicleEF	MCY	209.72	177.64
tblVehicleEF	MCY	55.56	39.22
tblVehicleEF	MCY	0.06	0.04
tblVehicleEF	MCY	0.01	4.7110e-003
tblVehicleEF	MCY	0.97	0.40
tblVehicleEF	MCY	0.25	0.05
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2680e-003
tblVehicleEF	MCY	2.8720e-003	3.5080e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.1140e-003
tblVehicleEF	MCY	2.6800e-003	3.2700e-003
tblVehicleEF	MCY	3.56	6.18

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

tblVehicleEF	MCY	1.31	3.75
tblVehicleEF	MCY	1.89	0.00
tblVehicleEF	MCY	2.06	0.83
tblVehicleEF	MCY	0.45	4.15
tblVehicleEF	MCY	1.58	0.76
tblVehicleEF	MCY	2.0750e-003	1.8630e-003
tblVehicleEF	MCY	5.5000e-004	3.2700e-004
tblVehicleEF	MCY	3.56	6.18
tblVehicleEF	MCY	1.31	3.75
tblVehicleEF	MCY	1.89	0.00
tblVehicleEF	MCY	2.58	1.04
tblVehicleEF	MCY	0.45	4.15
tblVehicleEF	MCY	1.72	0.83
tblVehicleEF	MCY	0.33	0.17
tblVehicleEF	MCY	0.30	0.14
tblVehicleEF	MCY	18.91	9.89
tblVehicleEF	MCY	11.79	9.90
tblVehicleEF	MCY	213.20	177.64
tblVehicleEF	MCY	63.82	39.22
tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	4.7110e-003
tblVehicleEF	MCY	1.26	0.51
tblVehicleEF	MCY	0.30	0.06
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2680e-003
tblVehicleEF	MCY	2.8720e-003	3.5080e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.1140e-003
tblVehicleEF	MCY	2.6800e-003	3.2700e-003

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

tblVehicleEF	MCY	0.19	3.45
tblVehicleEF	MCY	0.73	3.13
tblVehicleEF	MCY	0.10	0.00
tblVehicleEF	MCY	2.21	0.78
tblVehicleEF	MCY	0.57	4.21
tblVehicleEF	MCY	2.31	1.02
tblVehicleEF	MCY	2.1100e-003	1.8510e-003
tblVehicleEF	MCY	6.3200e-004	3.8900e-004
tblVehicleEF	MCY	0.19	3.45
tblVehicleEF	MCY	0.73	3.13
tblVehicleEF	MCY	0.10	0.00
tblVehicleEF	MCY	2.77	0.98
tblVehicleEF	MCY	0.57	4.21
tblVehicleEF	MCY	2.52	1.11
tblVehicleEF	MDV	8.2500e-004	1.4310e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.43	0.58
tblVehicleEF	MDV	1.89	2.04
tblVehicleEF	MDV	256.66	298.92
tblVehicleEF	MDV	52.16	80.40
tblVehicleEF	MDV	4.2840e-003	3.7330e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MDV	0.04	9.5190e-003
tblVehicleEF	MDV	5.2300e-004	4.9700e-004
tblVehicleEF	MDV	6.9400e-004	7.6100e-004
tblVehicleEF	MDV	0.02	3.3320e-003
tblVehicleEF	MDV	4.8200e-004	4.5700e-004

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

tblVehicleEF	MDV	6.3800e-004	7.0000e-004
tblVehicleEF	MDV	0.05	1.13
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	2.6160e-003	3.9890e-003
tblVehicleEF	MDV	0.03	0.18
tblVehicleEF	MDV	0.10	0.16
tblVehicleEF	MDV	2.5360e-003	3.0580e-003
tblVehicleEF	MDV	5.1600e-004	7.3400e-004
tblVehicleEF	MDV	0.05	1.13
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	3.7680e-003	5.8040e-003
tblVehicleEF	MDV	0.03	0.18
tblVehicleEF	MDV	0.11	0.17
tblVehicleEF	MDV	9.7200e-004	1.4310e-003
tblVehicleEF	MDV	0.02	0.05
tblVehicleEF	MDV	0.54	0.83
tblVehicleEF	MDV	1.51	1.63
tblVehicleEF	MDV	272.45	298.92
tblVehicleEF	MDV	51.49	80.40
tblVehicleEF	MDV	4.0470e-003	3.7330e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.18
tblVehicleEF	MDV	0.04	9.5190e-003
tblVehicleEF	MDV	5.2300e-004	4.9700e-004
tblVehicleEF	MDV	6.9400e-004	7.6100e-004
tblVehicleEF	MDV	0.02	3.3320e-003

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

tblVehicleEF	MDV	4.8200e-004	4.5700e-004
tblVehicleEF	MDV	6.3800e-004	7.0000e-004
tblVehicleEF	MDV	0.14	1.31
tblVehicleEF	MDV	0.09	0.04
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	3.0030e-003	4.2740e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.08	0.13
tblVehicleEF	MDV	2.6920e-003	3.2640e-003
tblVehicleEF	MDV	5.1000e-004	7.2600e-004
tblVehicleEF	MDV	0.14	1.31
tblVehicleEF	MDV	0.09	0.04
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	4.3320e-003	6.2190e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.09	0.14
tblVehicleEF	MDV	7.7100e-004	1.4310e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.41	0.53
tblVehicleEF	MDV	2.30	2.49
tblVehicleEF	MDV	252.61	298.92
tblVehicleEF	MDV	52.87	80.40
tblVehicleEF	MDV	4.4900e-003	3.7330e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.15	0.22
tblVehicleEF	MDV	0.04	9.5190e-003
tblVehicleEF	MDV	5.2300e-004	4.9700e-004
tblVehicleEF	MDV	6.9400e-004	7.6100e-004

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

tblVehicleEF	MDV	0.02	3.3320e-003
tblVehicleEF	MDV	4.8200e-004	4.5700e-004
tblVehicleEF	MDV	6.3800e-004	7.0000e-004
tblVehicleEF	MDV	0.01	1.09
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	2.4930e-003	3.8710e-003
tblVehicleEF	MDV	0.04	0.18
tblVehicleEF	MDV	0.12	0.19
tblVehicleEF	MDV	2.4960e-003	3.0060e-003
tblVehicleEF	MDV	5.2300e-004	7.4200e-004
tblVehicleEF	MDV	0.01	1.09
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	3.5890e-003	5.6310e-003
tblVehicleEF	MDV	0.04	0.18
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MH	3.8620e-003	3.9710e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.19	0.18
tblVehicleEF	MH	1.43	1.23
tblVehicleEF	MH	1,236.22	1,359.54
tblVehicleEF	MH	13.06	14.44
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	1.01	1.09
tblVehicleEF	MH	0.20	0.21
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01

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

tblVehicleEF	MH	0.01	8.7750e-003
tblVehicleEF	MH	2.0100e-004	2.1600e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3780e-003
tblVehicleEF	MH	0.01	8.3610e-003
tblVehicleEF	MH	1.8500e-004	1.9800e-004
tblVehicleEF	MH	0.26	1.15
tblVehicleEF	MH	0.01	1.60
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	1.9560e-003	0.07
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.2900e-004	1.6700e-004
tblVehicleEF	MH	0.26	1.15
tblVehicleEF	MH	0.01	1.60
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	1.9560e-003	0.07
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	3.9520e-003	3.9710e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.20	0.19
tblVehicleEF	MH	1.26	1.08
tblVehicleEF	MH	1,236.23	1,359.54
tblVehicleEF	MH	12.77	14.44
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	0.94	1.01

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

tblVehicleEF	MH	0.18	0.19
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.01	8.7750e-003
tblVehicleEF	MH	2.0100e-004	2.1600e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3780e-003
tblVehicleEF	MH	0.01	8.3610e-003
tblVehicleEF	MH	1.8500e-004	1.9800e-004
tblVehicleEF	MH	0.68	1.28
tblVehicleEF	MH	0.02	1.77
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	1.9210e-003	0.07
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.2600e-004	1.6500e-004
tblVehicleEF	MH	0.68	1.28
tblVehicleEF	MH	0.02	1.77
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	1.9210e-003	0.07
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	3.7830e-003	3.9710e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.19	0.18
tblVehicleEF	MH	1.58	1.36
tblVehicleEF	MH	1,236.21	1,359.54
tblVehicleEF	MH	13.32	14.44

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

tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	1.03	1.11
tblVehicleEF	MH	0.21	0.23
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.01	8.7750e-003
tblVehicleEF	MH	2.0100e-004	2.1600e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3780e-003
tblVehicleEF	MH	0.01	8.3610e-003
tblVehicleEF	MH	1.8500e-004	1.9800e-004
tblVehicleEF	MH	0.09	1.12
tblVehicleEF	MH	0.01	1.44
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	2.1370e-003	0.07
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.3200e-004	1.7000e-004
tblVehicleEF	MH	0.09	1.12
tblVehicleEF	MH	0.01	1.44
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	2.1370e-003	0.07
tblVehicleEF	MH	0.08	0.08
tblVehicleEF	MHD	1.9890e-003	0.01
tblVehicleEF	MHD	6.0400e-004	2.5800e-004
tblVehicleEF	MHD	3.9880e-003	1.5640e-003

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

tblVehicleEF	MHD	0.32	3.92
tblVehicleEF	MHD	0.12	0.02
tblVehicleEF	MHD	0.37	0.16
tblVehicleEF	MHD	55.44	703.01
tblVehicleEF	MHD	827.26	411.59
tblVehicleEF	MHD	3.72	1.61
tblVehicleEF	MHD	8.3400e-003	0.11
tblVehicleEF	MHD	0.12	0.05
tblVehicleEF	MHD	4.7260e-003	1.2400e-003
tblVehicleEF	MHD	0.31	2.62
tblVehicleEF	MHD	1.46	0.12
tblVehicleEF	MHD	1.96	0.48
tblVehicleEF	MHD	7.9000e-005	1.0810e-003
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.3920e-003
tblVehicleEF	MHD	5.5000e-005	2.6000e-005
tblVehicleEF	MHD	7.6000e-005	1.0340e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	6.6240e-003	1.3300e-003
tblVehicleEF	MHD	5.0000e-005	2.4000e-005
tblVehicleEF	MHD	1.5400e-004	0.11
tblVehicleEF	MHD	6.2140e-003	6.4100e-004
tblVehicleEF	MHD	0.01	0.13
tblVehicleEF	MHD	7.9000e-005	0.00
tblVehicleEF	MHD	9.8310e-003	2.8110e-003
tblVehicleEF	MHD	6.1980e-003	7.5400e-003
tblVehicleEF	MHD	0.02	9.3670e-003
tblVehicleEF	MHD	5.2500e-004	7.5730e-003
tblVehicleEF	MHD	7.8530e-003	4.5290e-003

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

tblVehicleEF	MHD	3.7000e-005	1.8000e-005
tblVehicleEF	MHD	1.5400e-004	0.11
tblVehicleEF	MHD	6.2140e-003	6.4100e-004
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	7.9000e-005	0.00
tblVehicleEF	MHD	0.01	3.3190e-003
tblVehicleEF	MHD	6.1980e-003	7.5400e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	1.8940e-003	0.01
tblVehicleEF	MHD	6.1200e-004	2.5800e-004
tblVehicleEF	MHD	3.7170e-003	1.5640e-003
tblVehicleEF	MHD	0.29	3.63
tblVehicleEF	MHD	0.12	0.02
tblVehicleEF	MHD	0.33	0.14
tblVehicleEF	MHD	54.80	703.01
tblVehicleEF	MHD	827.26	411.59
tblVehicleEF	MHD	3.66	1.61
tblVehicleEF	MHD	8.2240e-003	0.11
tblVehicleEF	MHD	0.12	0.05
tblVehicleEF	MHD	4.4910e-003	1.2400e-003
tblVehicleEF	MHD	0.29	2.49
tblVehicleEF	MHD	1.36	0.11
tblVehicleEF	MHD	1.95	0.48
tblVehicleEF	MHD	7.0000e-005	9.6000e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.3920e-003
tblVehicleEF	MHD	5.5000e-005	2.6000e-005
tblVehicleEF	MHD	6.7000e-005	9.1900e-004
tblVehicleEF	MHD	0.06	0.01

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

tblVehicleEF	MHD	6.6240e-003	1.3300e-003
tblVehicleEF	MHD	5.0000e-005	2.4000e-005
tblVehicleEF	MHD	3.9700e-004	0.13
tblVehicleEF	MHD	7.0330e-003	7.1400e-004
tblVehicleEF	MHD	0.01	0.13
tblVehicleEF	MHD	2.0200e-004	0.00
tblVehicleEF	MHD	9.8570e-003	2.8270e-003
tblVehicleEF	MHD	6.0850e-003	7.6230e-003
tblVehicleEF	MHD	0.02	8.6590e-003
tblVehicleEF	MHD	5.1900e-004	7.4750e-003
tblVehicleEF	MHD	7.8530e-003	4.5290e-003
tblVehicleEF	MHD	3.6000e-005	1.8000e-005
tblVehicleEF	MHD	3.9700e-004	0.13
tblVehicleEF	MHD	7.0330e-003	7.1400e-004
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	2.0200e-004	0.00
tblVehicleEF	MHD	0.01	3.3410e-003
tblVehicleEF	MHD	6.0850e-003	7.6230e-003
tblVehicleEF	MHD	0.02	9.4800e-003
tblVehicleEF	MHD	2.0780e-003	0.01
tblVehicleEF	MHD	5.9700e-004	2.5800e-004
tblVehicleEF	MHD	4.2240e-003	1.5640e-003
tblVehicleEF	MHD	0.35	4.22
tblVehicleEF	MHD	0.12	0.02
tblVehicleEF	MHD	0.41	0.18
tblVehicleEF	MHD	56.37	703.01
tblVehicleEF	MHD	827.26	411.59
tblVehicleEF	MHD	3.78	1.61
tblVehicleEF	MHD	8.5030e-003	0.11

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

tblVehicleEF	MHD	0.12	0.05
tblVehicleEF	MHD	4.9630e-003	1.2400e-003
tblVehicleEF	MHD	0.33	2.81
tblVehicleEF	MHD	1.48	0.12
tblVehicleEF	MHD	1.96	0.48
tblVehicleEF	MHD	9.2000e-005	1.2480e-003
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.3920e-003
tblVehicleEF	MHD	5.5000e-005	2.6000e-005
tblVehicleEF	MHD	8.8000e-005	1.1940e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	6.6240e-003	1.3300e-003
tblVehicleEF	MHD	5.0000e-005	2.4000e-005
tblVehicleEF	MHD	4.6000e-005	0.11
tblVehicleEF	MHD	6.1850e-003	5.7800e-004
tblVehicleEF	MHD	0.01	0.12
tblVehicleEF	MHD	2.8000e-005	0.00
tblVehicleEF	MHD	9.8100e-003	2.7990e-003
tblVehicleEF	MHD	6.9560e-003	7.5830e-003
tblVehicleEF	MHD	0.02	9.9930e-003
tblVehicleEF	MHD	5.3400e-004	7.7120e-003
tblVehicleEF	MHD	7.8530e-003	4.5290e-003
tblVehicleEF	MHD	3.7000e-005	1.8000e-005
tblVehicleEF	MHD	4.6000e-005	0.11
tblVehicleEF	MHD	6.1850e-003	5.7800e-004
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	2.8000e-005	0.00
tblVehicleEF	MHD	0.01	3.3010e-003
tblVehicleEF	MHD	6.9560e-003	7.5830e-003

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

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	OBUS	9.2180e-003	0.05
tblVehicleEF	OBUS	2.3450e-003	1.2020e-003
tblVehicleEF	OBUS	0.02	7.2530e-003
tblVehicleEF	OBUS	0.65	6.09
tblVehicleEF	OBUS	0.21	0.08
tblVehicleEF	OBUS	1.90	0.68
tblVehicleEF	OBUS	75.06	425.46
tblVehicleEF	OBUS	1,241.60	986.04
tblVehicleEF	OBUS	16.59	7.84
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	6.5810e-003
tblVehicleEF	OBUS	0.35	1.73
tblVehicleEF	OBUS	1.13	0.52
tblVehicleEF	OBUS	0.79	0.50
tblVehicleEF	OBUS	1.2200e-004	1.4910e-003
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.9220e-003	7.2520e-003
tblVehicleEF	OBUS	2.3100e-004	8.7000e-005
tblVehicleEF	OBUS	1.1700e-004	1.4270e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	6.9310e-003
tblVehicleEF	OBUS	2.1200e-004	8.0000e-005
tblVehicleEF	OBUS	1.7060e-003	1.04
tblVehicleEF	OBUS	0.02	7.3890e-003
tblVehicleEF	OBUS	0.06	0.48
tblVehicleEF	OBUS	6.1600e-004	0.00
tblVehicleEF	OBUS	0.01	0.01

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

tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	7.1500e-004	7.7230e-003
tblVehicleEF	OBUS	0.01	9.5040e-003
tblVehicleEF	OBUS	1.6400e-004	7.5000e-005
tblVehicleEF	OBUS	1.7060e-003	1.04
tblVehicleEF	OBUS	0.02	7.3890e-003
tblVehicleEF	OBUS	0.07	0.61
tblVehicleEF	OBUS	6.1600e-004	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.05
tblVehicleEF	OBUS	9.3390e-003	0.05
tblVehicleEF	OBUS	2.4370e-003	1.2020e-003
tblVehicleEF	OBUS	0.02	7.2530e-003
tblVehicleEF	OBUS	0.64	6.03
tblVehicleEF	OBUS	0.22	0.08
tblVehicleEF	OBUS	1.67	0.60
tblVehicleEF	OBUS	74.22	425.46
tblVehicleEF	OBUS	1,241.61	986.04
tblVehicleEF	OBUS	16.20	7.84
tblVehicleEF	OBUS	9.9700e-003	0.05
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	6.5810e-003
tblVehicleEF	OBUS	0.34	1.65
tblVehicleEF	OBUS	1.05	0.49
tblVehicleEF	OBUS	0.76	0.49
tblVehicleEF	OBUS	1.0900e-004	1.3170e-003
tblVehicleEF	OBUS	0.13	0.05

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

tblVehicleEF	OBUS	7.9220e-003	7.2520e-003
tblVehicleEF	OBUS	2.3100e-004	8.7000e-005
tblVehicleEF	OBUS	1.0400e-004	1.2600e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	6.9310e-003
tblVehicleEF	OBUS	2.1200e-004	8.0000e-005
tblVehicleEF	OBUS	4.3500e-003	1.19
tblVehicleEF	OBUS	0.02	8.1680e-003
tblVehicleEF	OBUS	0.06	0.49
tblVehicleEF	OBUS	1.5220e-003	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	7.0700e-004	7.6330e-003
tblVehicleEF	OBUS	0.01	9.5040e-003
tblVehicleEF	OBUS	1.6000e-004	7.4000e-005
tblVehicleEF	OBUS	4.3500e-003	1.19
tblVehicleEF	OBUS	0.02	8.1680e-003
tblVehicleEF	OBUS	0.08	0.63
tblVehicleEF	OBUS	1.5220e-003	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	9.0770e-003	0.05
tblVehicleEF	OBUS	2.2710e-003	1.2020e-003
tblVehicleEF	OBUS	0.02	7.2530e-003
tblVehicleEF	OBUS	0.65	6.17
tblVehicleEF	OBUS	0.21	0.08
tblVehicleEF	OBUS	2.10	0.75

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

tblVehicleEF	OBUS	76.22	425.46
tblVehicleEF	OBUS	1,241.59	986.04
tblVehicleEF	OBUS	16.93	7.84
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	6.5810e-003
tblVehicleEF	OBUS	0.38	1.85
tblVehicleEF	OBUS	1.17	0.53
tblVehicleEF	OBUS	0.81	0.51
tblVehicleEF	OBUS	1.4100e-004	1.7320e-003
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.9220e-003	7.2520e-003
tblVehicleEF	OBUS	2.3100e-004	8.7000e-005
tblVehicleEF	OBUS	1.3500e-004	1.6570e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	6.9310e-003
tblVehicleEF	OBUS	2.1200e-004	8.0000e-005
tblVehicleEF	OBUS	5.6400e-004	1.01
tblVehicleEF	OBUS	0.02	6.6690e-003
tblVehicleEF	OBUS	0.05	0.46
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	7.2600e-004	7.8480e-003
tblVehicleEF	OBUS	0.01	9.5040e-003
tblVehicleEF	OBUS	1.6800e-004	7.7000e-005
tblVehicleEF	OBUS	5.6400e-004	1.01
tblVehicleEF	OBUS	0.02	6.6690e-003

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

tblVehicleEF	OBUS	0.07	0.59
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.11	0.05
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2540e-003	1.8800e-004
tblVehicleEF	SBUS	7.3640e-003	1.5840e-003
tblVehicleEF	SBUS	3.53	5.46
tblVehicleEF	SBUS	0.14	0.04
tblVehicleEF	SBUS	1.02	0.21
tblVehicleEF	SBUS	274.76	828.75
tblVehicleEF	SBUS	775.34	457.89
tblVehicleEF	SBUS	5.33	1.08
tblVehicleEF	SBUS	0.04	0.12
tblVehicleEF	SBUS	0.09	0.07
tblVehicleEF	SBUS	6.1490e-003	1.1780e-003
tblVehicleEF	SBUS	1.20	2.56
tblVehicleEF	SBUS	0.95	0.10
tblVehicleEF	SBUS	1.92	0.27
tblVehicleEF	SBUS	2.9300e-004	1.1690e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.1960e-003
tblVehicleEF	SBUS	9.6000e-005	2.2000e-005
tblVehicleEF	SBUS	2.8100e-004	1.1180e-003
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.6980e-003
tblVehicleEF	SBUS	5.2300e-003	1.1380e-003

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

tblVehicleEF	SBUS	8.8000e-005	2.0000e-005
tblVehicleEF	SBUS	1.3170e-003	0.08
tblVehicleEF	SBUS	0.01	2.2120e-003
tblVehicleEF	SBUS	0.37	0.34
tblVehicleEF	SBUS	4.7600e-004	0.00
tblVehicleEF	SBUS	0.01	3.1480e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.04	9.8580e-003
tblVehicleEF	SBUS	2.6270e-003	8.8690e-003
tblVehicleEF	SBUS	7.4370e-003	4.2270e-003
tblVehicleEF	SBUS	5.3000e-005	1.2000e-005
tblVehicleEF	SBUS	1.3170e-003	0.08
tblVehicleEF	SBUS	0.01	2.2120e-003
tblVehicleEF	SBUS	0.53	0.48
tblVehicleEF	SBUS	4.7600e-004	0.00
tblVehicleEF	SBUS	0.01	3.9470e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2970e-003	1.8800e-004
tblVehicleEF	SBUS	5.7360e-003	1.5840e-003
tblVehicleEF	SBUS	3.52	5.41
tblVehicleEF	SBUS	0.14	0.04
tblVehicleEF	SBUS	0.65	0.13
tblVehicleEF	SBUS	271.79	828.75
tblVehicleEF	SBUS	775.35	457.89
tblVehicleEF	SBUS	4.70	1.08
tblVehicleEF	SBUS	0.04	0.12
tblVehicleEF	SBUS	0.09	0.07

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

tblVehicleEF	SBUS	5.7790e-003	1.1780e-003
tblVehicleEF	SBUS	1.14	2.43
tblVehicleEF	SBUS	0.89	0.10
tblVehicleEF	SBUS	1.91	0.27
tblVehicleEF	SBUS	2.6100e-004	1.0380e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.1960e-003
tblVehicleEF	SBUS	9.6000e-005	2.2000e-005
tblVehicleEF	SBUS	2.4900e-004	9.9300e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.6980e-003
tblVehicleEF	SBUS	5.2300e-003	1.1380e-003
tblVehicleEF	SBUS	8.8000e-005	2.0000e-005
tblVehicleEF	SBUS	3.3650e-003	0.09
tblVehicleEF	SBUS	0.01	2.4290e-003
tblVehicleEF	SBUS	0.37	0.35
tblVehicleEF	SBUS	1.1980e-003	0.00
tblVehicleEF	SBUS	0.01	3.1950e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.03	7.6630e-003
tblVehicleEF	SBUS	2.5990e-003	8.7440e-003
tblVehicleEF	SBUS	7.4370e-003	4.2270e-003
tblVehicleEF	SBUS	4.7000e-005	1.1000e-005
tblVehicleEF	SBUS	3.3650e-003	0.09
tblVehicleEF	SBUS	0.01	2.4290e-003
tblVehicleEF	SBUS	0.53	0.48
tblVehicleEF	SBUS	1.1980e-003	0.00
tblVehicleEF	SBUS	0.01	4.0160e-003

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

tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.04	8.3900e-003
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2200e-003	1.8800e-004
tblVehicleEF	SBUS	8.6030e-003	1.5840e-003
tblVehicleEF	SBUS	3.55	5.52
tblVehicleEF	SBUS	0.13	0.04
tblVehicleEF	SBUS	1.34	0.27
tblVehicleEF	SBUS	278.85	828.75
tblVehicleEF	SBUS	775.34	457.89
tblVehicleEF	SBUS	5.85	1.08
tblVehicleEF	SBUS	0.04	0.12
tblVehicleEF	SBUS	0.09	0.07
tblVehicleEF	SBUS	6.5000e-003	1.1780e-003
tblVehicleEF	SBUS	1.29	2.74
tblVehicleEF	SBUS	0.97	0.11
tblVehicleEF	SBUS	1.92	0.27
tblVehicleEF	SBUS	3.3900e-004	1.3480e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.1960e-003
tblVehicleEF	SBUS	9.6000e-005	2.2000e-005
tblVehicleEF	SBUS	3.2400e-004	1.2900e-003
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.6980e-003
tblVehicleEF	SBUS	5.2300e-003	1.1380e-003
tblVehicleEF	SBUS	8.8000e-005	2.0000e-005
tblVehicleEF	SBUS	4.3300e-004	0.08
tblVehicleEF	SBUS	0.01	1.9970e-003

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

tblVehicleEF	SBUS	0.37	0.34
tblVehicleEF	SBUS	2.1300e-004	0.00
tblVehicleEF	SBUS	0.01	3.1130e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	2.6650e-003	9.0410e-003
tblVehicleEF	SBUS	7.4370e-003	4.2270e-003
tblVehicleEF	SBUS	5.8000e-005	1.3000e-005
tblVehicleEF	SBUS	4.3300e-004	0.08
tblVehicleEF	SBUS	0.01	1.9970e-003
tblVehicleEF	SBUS	0.53	0.47
tblVehicleEF	SBUS	2.1300e-004	0.00
tblVehicleEF	SBUS	0.01	3.8960e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	5.59	0.03
tblVehicleEF	UBUS	2.46	0.62
tblVehicleEF	UBUS	1,389.01	0.00
tblVehicleEF	UBUS	22.32	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.49	1.0770e-003
tblVehicleEF	UBUS	0.24	0.03
tblVehicleEF	UBUS	0.11	0.06
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005

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

tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	1.1870e-003	0.03
tblVehicleEF	UBUS	0.01	2.3130e-003
tblVehicleEF	UBUS	5.2600e-004	0.00
tblVehicleEF	UBUS	0.02	2.2100e-004
tblVehicleEF	UBUS	2.6500e-003	5.5710e-003
tblVehicleEF	UBUS	0.14	9.2410e-003
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.2100e-004	3.3000e-005
tblVehicleEF	UBUS	1.1870e-003	0.03
tblVehicleEF	UBUS	0.01	2.3130e-003
tblVehicleEF	UBUS	5.2600e-004	0.00
tblVehicleEF	UBUS	0.79	3.2300e-004
tblVehicleEF	UBUS	2.6500e-003	5.5710e-003
tblVehicleEF	UBUS	0.15	0.01
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	5.59	0.04
tblVehicleEF	UBUS	1.93	0.49
tblVehicleEF	UBUS	1,389.01	0.00
tblVehicleEF	UBUS	21.43	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.48	9.1000e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	0.11	0.06

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

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	3.2490e-003	0.06
tblVehicleEF	UBUS	0.02	2.6260e-003
tblVehicleEF	UBUS	1.4940e-003	0.00
tblVehicleEF	UBUS	0.02	2.2900e-004
tblVehicleEF	UBUS	2.5540e-003	5.9440e-003
tblVehicleEF	UBUS	0.12	8.0320e-003
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.1200e-004	3.1000e-005
tblVehicleEF	UBUS	3.2490e-003	0.06
tblVehicleEF	UBUS	0.02	2.6260e-003
tblVehicleEF	UBUS	1.4940e-003	0.00
tblVehicleEF	UBUS	0.79	3.3400e-004
tblVehicleEF	UBUS	2.5540e-003	5.9440e-003
tblVehicleEF	UBUS	0.13	8.7940e-003
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.04	0.00
tblVehicleEF	UBUS	5.59	0.03
tblVehicleEF	UBUS	3.06	0.74
tblVehicleEF	UBUS	1,389.00	0.00
tblVehicleEF	UBUS	23.34	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00

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

tblVehicleEF	UBUS	0.50	1.1650e-003
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	0.11	0.06
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	3.2200e-004	0.03
tblVehicleEF	UBUS	0.01	2.0420e-003
tblVehicleEF	UBUS	2.0100e-004	0.00
tblVehicleEF	UBUS	0.02	2.1400e-004
tblVehicleEF	UBUS	3.2920e-003	5.7350e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.3100e-004	3.5000e-005
tblVehicleEF	UBUS	3.2200e-004	0.03
tblVehicleEF	UBUS	0.01	2.0420e-003
tblVehicleEF	UBUS	2.0100e-004	0.00
tblVehicleEF	UBUS	0.79	3.1200e-004
tblVehicleEF	UBUS	3.2920e-003	5.7350e-003
tblVehicleEF	UBUS	0.18	0.01
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TTP	88.60	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CW_TL	9.50	0.00

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

tblVehicleTrips	CW_TTP	6.40	0.00
tblVehicleTrips	DV_TP	9.00	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblVehicleTrips	HW_TL	0.00	14.66
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	91.00	100.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	10.71	0.00
tblVehicleTrips	ST_TR	6.22	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	99.32	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	10.71	0.00
tblVehicleTrips	SU_TR	5.84	0.00

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

tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	SU_TR	81.93	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	10.71	0.00
tblVehicleTrips	WD_TR	47.62	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	78.09	0.00
tblVehicleTrips	WD_TR	11.26	0.00
tblVehicleTrips	WD_TR	1.56	1.80
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	162,885.06	0.00
tblWater	IndoorWaterUseRate	27,364,690.76	0.00
tblWater	IndoorWaterUseRate	6,461,551.76	0.00
tblWater	IndoorWaterUseRate	428,895.67	0.00
tblWater	IndoorWaterUseRate	8,556,250.00	0.00

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

tblWater	IndoorWaterUseRate	127,630,604.43	0.00
tblWater	IndoorWaterUseRate	8,939,685.86	0.00
tblWater	IndoorWaterUseRate	16,146,078.32	0.00
tblWater	IndoorWaterUseRate	10,623,679.94	0.00
tblWater	IndoorWaterUseRate	1,851,774.21	0.00
tblWater	IndoorWaterUseRate	8,760,894.34	0.00
tblWater	IndoorWaterUseRate	54,617,798.80	0.00
tblWater	IndoorWaterUseRate	14,750,818.42	0.00
tblWater	IndoorWaterUseRate	42,822,000.00	44,000,000.00
tblWater	IndoorWaterUseRate	925,000.00	0.00
tblWater	OutdoorWaterUseRate	102,688.41	0.00
tblWater	OutdoorWaterUseRate	17,251,652.87	0.00
tblWater	OutdoorWaterUseRate	412,439.47	0.00
tblWater	OutdoorWaterUseRate	1,102,874.59	0.00
tblWater	OutdoorWaterUseRate	78,225,209.17	0.00
tblWater	OutdoorWaterUseRate	5,479,162.30	0.00
tblWater	OutdoorWaterUseRate	9,895,983.49	0.00
tblWater	OutdoorWaterUseRate	678,107.23	0.00
tblWater	OutdoorWaterUseRate	205,752.69	0.00
tblWater	OutdoorWaterUseRate	13,702,937.31	0.00
tblWater	OutdoorWaterUseRate	3,486,242.48	0.00
tblWater	OutdoorWaterUseRate	66,978,000.00	36,500,000.00
tblWoodstoves	NumberCatalytic	0.13	0.00
tblWoodstoves	NumberCatalytic	21.00	0.00
tblWoodstoves	NumberNoncatalytic	0.13	0.00
tblWoodstoves	NumberNoncatalytic	21.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

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

tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Placer Center Operational Phases 1-4 - Placer-Sacramento 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					
2022	0.0000	0.0000	0.0000	0.0000	0.5781	0.0000	0.5781	0.3178	0.0000	0.3178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	1.1201	0.0000	1.1201	0.6157	0.0000	0.6157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2024	0.0000	0.0000	0.0000	0.0000	0.3192	0.0000	0.3192	0.1754	0.0000	0.1754	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	22.6405	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**22.6405**	**0.0000**	**0.0000**	**0.0000**	**1.1201**	**0.0000**	**1.1201**	**0.6157**	**0.0000**	**0.6157**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.1 Overall Construction

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0000	0.0000	0.0000	0.0000	0.5781	0.0000	0.5781	0.3178	0.0000	0.3178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	1.1201	0.0000	1.1201	0.6157	0.0000	0.6157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2024	0.0000	0.0000	0.0000	0.0000	0.3192	0.0000	0.3192	0.1754	0.0000	0.1754	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	0.0249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	22.6405	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**22.6405**	**0.0000**	**0.0000**	**0.0000**	**1.1201**	**0.0000**	**1.1201**	**0.6157**	**0.0000**	**0.6157**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento 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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
55	**4-4-2036**	**7-3-2036**	0.0076	0.0076
56	**7-4-2036**	**10-3-2036**	0.0087	0.0087
57	**10-4-2036**	**1-3-2037**	0.0087	0.0087
58	**1-4-2037**	**4-3-2037**	3.3849	3.3849
59	**4-4-2037**	**7-3-2037**	6.6879	6.6879
60	**7-4-2037**	**9-30-2037**	6.5410	6.5410
		Highest	6.6879	6.6879

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	17.4770	0.0384	3.3817	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6300	5.6300	6.1800e-003	0.0000	5.7845
Energy	0.0112	0.1022	0.0859	6.1000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	111.2836	111.2836	2.1300e-003	2.0400e-003	111.9449
Mobile	20.3769	18.4594	145.0064	0.3977	46.0472	0.1581	46.2053	11.4894	0.1483	11.6377	0.0000	34,360.1736	34,360.1736	1.2946	1.3978	34,809.0783
Waste						0.0000	0.0000		0.0000	0.0000	1,599.4957	0.0000	1,599.4957	94.5275	0.0000	3,962.6829
Water						0.0000	0.0000		0.0000	0.0000	13.9592	0.0000	13.9592	1.4337	0.0339	59.8911
Total	**37.8651**	**18.6000**	**148.4739**	**0.3985**	**46.0472**	**0.1842**	**46.2314**	**11.4894**	**0.1744**	**11.6638**	**1,613.4549**	**34,477.0871**	**36,090.5420**	**97.2642**	**1.4337**	**38,949.3816**

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	17.4770	0.0384	3.3817	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6300	5.6300	6.1800e-003	0.0000	5.7845
Energy	0.0112	0.1022	0.0859	6.1000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	111.2836	111.2836	2.1300e-003	2.0400e-003	111.9449
Mobile	20.3769	18.4594	145.0064	0.3977	46.0472	0.1581	46.2053	11.4894	0.1483	11.6377	0.0000	34,360.1736	34,360.1736	1.2946	1.3978	34,809.0783
Waste						0.0000	0.0000		0.0000	0.0000	1,599.4957	0.0000	1,599.4957	94.5275	0.0000	3,962.6829
Water						0.0000	0.0000		0.0000	0.0000	13.9592	0.0000	13.9592	1.4337	0.0339	59.8911
Total	**37.8651**	**18.6000**	**148.4739**	**0.3985**	**46.0472**	**0.1842**	**46.2314**	**11.4894**	**0.1744**	**11.6638**	**1,613.4549**	**34,477.0871**	**36,090.5420**	**97.2642**	**1.4337**	**38,949.3816**

	ROG	NOx	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**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
New Trees	1,468.0000
Total	**1,468.0000**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/4/2022	3/20/2023	5	120	
2	Grading	Grading	3/21/2023	5/27/2024	5	310	
3	Building Construction	Building Construction	5/28/2024	4/14/2036	5	3100	
4	Paving	Paving	4/15/2036	2/16/2037	5	220	
5	Architectural Coating	Architectural Coating	2/17/2037	12/21/2037	5	220	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 59.73

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,206,144; Non-Residential Outdoor: 2,402,048; Striped Parking Area: 159,288 (Architectural Coating – sqft)

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5781	0.0000	0.5781	0.3178	0.0000	0.3178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5781**	**0.0000**	**0.5781**	**0.3178**	**0.0000**	**0.3178**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.2 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5781	0.0000	0.5781	0.3178	0.0000	0.3178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5781**	**0.0000**	**0.5781**	**0.3178**	**0.0000**	**0.3178**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5059	0.0000	0.5059	0.2781	0.0000	0.2781	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5059**	**0.0000**	**0.5059**	**0.2781**	**0.0000**	**0.2781**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5059	0.0000	0.5059	0.2781	0.0000	0.2781	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.5059**	**0.0000**	**0.5059**	**0.2781**	**0.0000**	**0.2781**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6143	0.0000	0.6143	0.3376	0.0000	0.3376	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6143**	**0.0000**	**0.6143**	**0.3376**	**0.0000**	**0.3376**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6143	0.0000	0.6143	0.3376	0.0000	0.3376	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.6143**	**0.0000**	**0.6143**	**0.3376**	**0.0000**	**0.3376**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3192	0.0000	0.3192	0.1754	0.0000	0.1754	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3192**	**0.0000**	**0.3192**	**0.1754**	**0.0000**	**0.1754**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 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					0.3192	0.0000	0.3192	0.1754	0.0000	0.1754	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3192**	**0.0000**	**0.3192**	**0.1754**	**0.0000**	**0.1754**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0249**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0249**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	4.3900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.3900e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	4.3900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.3900e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.6 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	22.6361					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**22.6361**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.6 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	22.6361					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**22.6361**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	20.3769	18.4594	145.0064	0.3977	46.0472	0.1581	46.2053	11.4894	0.1483	11.6377	0.0000	34,360.1736	34,360.1736	1.2946	1.3978	34,809.0783
Unmitigated	20.3769	18.4594	145.0064	0.3977	46.0472	0.1581	46.2053	11.4894	0.1483	11.6377	0.0000	34,360.1736	34,360.1736	1.2946	1.3978	34,809.0783

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low 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		
Arena	0.00	0.00	0.00		
Day-Care Center	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Library	0.00	0.00	0.00		

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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Movie Theater (No Matinee)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Research & Development	0.00	0.00	0.00		
University/College (4yr)	36,000.00	0.00	0.00	137,217,600	137,217,600
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	36,000.00	0.00	0.00	137,217,600	137,217,600

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 Low Rise	0.00	0.00	0.00	42.60	21.00	36.40	86	11	3
Apartments Mid Rise	0.00	0.00	0.00	42.60	21.00	36.40	86	11	3
Apartments Mid Rise	0.00	0.00	0.00	42.60	21.00	36.40	86	11	3
Arena	9.50	7.30	7.30	0.00	81.00	19.00	66	28	6
Day-Care Center	9.50	7.30	7.30	12.70	82.30	5.00	28	58	14
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Movie Theater (No Matinee)	9.50	7.30	7.30	1.80	79.20	19.00	66	17	17
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Research & Development	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3
University/College (4yr)	0.00	0.00	0.00	0.00	0.00	0.00	100	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Apartments Mid Rise	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Arena	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Day-Care Center	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Enclosed Parking with Elevator	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
General Light Industry	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
General Office Building	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Government (Civic Center)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Health Club	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
High Turnover (Sit Down Restaurant)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Hotel	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Library	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Movie Theater (No Matinee)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Parking Lot	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Research & Development	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
University/College (4yr)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Unrefrigerated Warehouse-No Rail	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0112	0.1022	0.0859	6.1000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	111.2836	111.2836	2.1300e-003	2.0400e-003	111.9449
NaturalGas Unmitigated	0.0112	0.1022	0.0859	6.1000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	111.2836	111.2836	2.1300e-003	2.0400e-003	111.9449

5.2 Energy by Land Use - NaturalGas

Unmitigated

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	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 Low Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Arena	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	2.08538e+006	0.0112	0.1022	0.0859	6.1000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	111.2836	111.2836	2.1300e-003	2.0400e-003	111.9449
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0112**	**0.1022**	**0.0859**	**6.1000e-004**		**7.7700e-003**	**7.7700e-003**		**7.7700e-003**	**7.7700e-003**	**0.0000**	**111.2836**	**111.2836**	**2.1300e-003**	**2.0400e-003**	**111.9449**

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

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	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 Low Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Arena	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	2.08538e+006	0.0112	0.1022	0.0859	6.1000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	111.2836	111.2836	2.1300e-003	2.0400e-003	111.9449
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0112**	**0.1022**	**0.0859**	**6.1000e-004**		**7.7700e-003**	**7.7700e-003**		**7.7700e-003**	**7.7700e-003**	**0.0000**	**111.2836**	**111.2836**	**2.1300e-003**	**2.0400e-003**	**111.9449**

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

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
Arena	0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	4.89938e+007	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	-2000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	-2000	0.0000	0.0000	0.0000	0.0000
Arena	-2000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	-2000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	-2000	0.0000	0.0000	0.0000	0.0000
General Light Industry	-2000	0.0000	0.0000	0.0000	0.0000
General Office Building	-2000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	-2000	0.0000	0.0000	0.0000	0.0000
Health Club	-2000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	-2000	0.0000	0.0000	0.0000	0.0000
Hotel	-2000	0.0000	0.0000	0.0000	0.0000
Library	-2000	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	-2000	0.0000	0.0000	0.0000	0.0000
Parking Lot	-2000	0.0000	0.0000	0.0000	0.0000
Research & Development	-2000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	4.89918e +007	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	-2000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	17.4770	0.0384	3.3817	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6300	5.6300	6.1800e-003	0.0000	5.7845
Unmitigated	17.4770	0.0384	3.3817	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6300	5.6300	6.1800e-003	0.0000	5.7845

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.9350					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	15.4249					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	0.1171	0.0384	3.3817	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6300	5.6300	6.1800e-003	0.0000	5.7845
Total	**17.4770**	**0.0384**	**3.3817**	**1.9000e-004**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**5.6300**	**5.6300**	**6.1800e-003**	**0.0000**	**5.7845**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.9350					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	15.4249					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	0.1171	0.0384	3.3817	1.9000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.6300	5.6300	6.1800e-003	0.0000	5.7845
Total	**17.4770**	**0.0384**	**3.3817**	**1.9000e-004**		**0.0183**	**0.0183**		**0.0183**	**0.0183**	**0.0000**	**5.6300**	**5.6300**	**6.1800e-003**	**0.0000**	**5.7845**

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	13.9592	1.4337	0.0339	59.8911
Unmitigated	13.9592	1.4337	0.0339	59.8911

7.2 Water by Land Use

Unmitigated

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Arena	0 / 0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	44 / 36.5	13.9592	1.4337	0.0339	59.8911
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**13.9592**	**1.4337**	**0.0339**	**59.8911**

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

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Arena	0 / 0	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Library	0 / 0	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Research & Development	0 / 0	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	44 / 36.5	13.9592	1.4337	0.0339	59.8911
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**13.9592**	**1.4337**	**0.0339**	**59.8911**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,599.4957	94.5275	0.0000	3,962.6829
Unmitigated	1,599.4957	94.5275	0.0000	3,962.6829

8.2 Waste by Land Use

Unmitigated

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1.15	0.2334	0.0138	0.0000	0.5783
Apartments Mid Rise	193.2	39.2179	2.3177	0.0000	97.1606
Arena	0.41	0.0832	4.9200e-003	0.0000	0.2062
Day-Care Center	13	2.6389	0.1560	0.0000	6.5377
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	45.88	9.3132	0.5504	0.0000	23.0731
General Office Building	667.83	135.5635	8.0116	0.0000	335.8527
Government (Civic Center)	256.5	52.0672	3.0771	0.0000	128.9942
Health Club	1556.1	315.8742	18.6676	0.0000	782.5651
High Turnover (Sit Down Restaurant)	416.5	84.5457	4.9965	0.0000	209.4585
Hotel	39.97	8.1136	0.4795	0.0000	20.1010
Library	257.86	52.3433	3.0934	0.0000	129.6782
Movie Theater (No Matinee)	775.2	157.3586	9.2996	0.0000	389.8493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Research & Development	2.28	0.4628	0.0274	0.0000	1.1466
University/College (4yr)	3650	740.9170	43.7869	0.0000	1,835.5905
Unrefrigerated Warehouse-No Rail	3.76	0.7633	0.0451	0.0000	1.8909
Total		**1,599.4957**	**94.5275**	**0.0000**	**3,962.6829**

8.2 Waste by Land Use

Mitigated

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Annual

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

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	1.15	0.2334	0.0138	0.0000	0.5783
Apartments Mid Rise	193.2	39.2179	2.3177	0.0000	97.1606
Arena	0.41	0.0832	4.9200e-003	0.0000	0.2062
Day-Care Center	13	2.6389	0.1560	0.0000	6.5377
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Light Industry	45.88	9.3132	0.5504	0.0000	23.0731
General Office Building	667.83	135.5635	8.0116	0.0000	335.8527
Government (Civic Center)	256.5	52.0672	3.0771	0.0000	128.9942
Health Club	1556.1	315.8742	18.6676	0.0000	782.5651
High Turnover (Sit Down Restaurant)	416.5	84.5457	4.9965	0.0000	209.4585
Hotel	39.97	8.1136	0.4795	0.0000	20.1010
Library	257.86	52.3433	3.0934	0.0000	129.6782
Movie Theater (No Matinee)	775.2	157.3586	9.2996	0.0000	389.8493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Research & Development	2.28	0.4628	0.0274	0.0000	1.1466
University/College (4yr)	3650	740.9170	43.7869	0.0000	1,835.5905
Unrefrigerated Warehouse-No Rail	3.76	0.7633	0.0451	0.0000	1.8909
Total		**1,599.4957**	**94.5275**	**0.0000**	**3,962.6829**

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

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

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	1,468.0000	0.0000	0.0000	1,468.0000

11.2 Net New Trees

Species Class

	Number of Trees	Total CO2	CH4	N2O	CO2e
		MT			
Mixed Hardwood	2000	1,468.0000	0.0000	0.0000	1,468.0000
Total		**1,468.0000**	**0.0000**	**0.0000**	**1,468.0000**

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

Placer Center Operational Phases 1-4

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	717.00	1000sqft	16.46	717,000.00	0
General Office Building	1.10	1000sqft	0.03	1,100.00	0
Government (Civic Center)	45.00	1000sqft	1.03	45,000.00	0
Research & Development	30.00	1000sqft	0.69	30,000.00	0
Day-Care Center	10.00	1000sqft	0.23	10,000.00	0
Library	280.00	1000sqft	6.43	280,000.00	0
University/College (4yr)	20,000.00	Student	38.45	1,675,000.00	0
General Light Industry	37.00	1000sqft	0.85	37,000.00	0
Unrefrigerated Warehouse-No Rail	4.00	1000sqft	0.09	4,000.00	0
Enclosed Parking with Elevator	4,152.00	Space	37.37	1,660,800.00	0
Parking Lot	2,485.00	Space	22.36	994,000.00	0
Arena	15.00	1000sqft	4.82	15,000.00	0
Health Club	273.00	1000sqft	6.27	273,000.00	0
High Turnover (Sit Down Restaurant)	35.00	1000sqft	0.80	35,000.00	0
Hotel	73.00	Room	2.43	105,996.00	0
Movie Theater (No Matinee)	136.00	1000sqft	3.12	136,000.00	0
Apartments Low Rise	2.50	Dwelling Unit	0.16	2,500.00	7
Apartments Mid Rise	400.00	Dwelling Unit	11.91	519,000.00	1144
Apartments Mid Rise	20.00	Dwelling Unit	0.53	20,000.00	57

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2045

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

Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	0	**CH4 Intensity (lb/MWhr)**	0	**N2O Intensity (lb/MWhr)**	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - IF: Assumed carbon neutral by 2045 according to SB100. Start of construction adjusted to match estimate in PD

Land Use - Uni. 4 yr sq ft calculated from sum of phases 1-4 sq ft. Student # based on total student pop. following phase 3. Hotel rooms approx. to give sqft from PD. Fire stat. divided into ind. land uses (gen off., unref. wh, apt. low rise)

Construction Phase - .

Trips and VMT - run used for operations only

Vehicle Trips - Trip length and trip rate adjusted to produce total project annual VMT

Vehicle Emission Factors - adjusted using EMFAC 2021 with ACC2 rule adjustments. 2007 vehicle categories

Vehicle Emission Factors - adjusted using EMFAC 2021 with ACC2 rule adjustments. 2007 vehicle categories

Vehicle Emission Factors - adjusted using EMFAC 2021 with ACC2 rule adjustments. 2007 vehicle categories

Woodstoves - PD specifies no natural gas will be used for campus operations outside of labratory use. Therefore, it is assumed that no NG stoves/fireplaces will be used. Assumed no woodburning stoves/fireplaces

Area Coating -

Energy Use - natural gas calculated using data from labratory gas usage data from Sacramento State University. Electricity input calc. to produce output which matches est. campus energy demand/yr

Water And Wastewater - Total project water demand and wastewater sourced from PD

Solid Waste - .

Sequestration -

Energy Mitigation - PD indicates photovoltaic panels will supply electricity for campus and store excess energy

Waste Mitigation -

Fleet Mix - .

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Off-road Equipment - run used for operations only

Grading - run used for operations only

Off-road Equipment - run used for operations only

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

Off-road Equipment - run used for operations only

On-road Fugitive Dust - run used for operations only

Architectural Coating - run used for operations only

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	1,682,048.00	2,402,048.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	5,046,144.00	7,206,144.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	365,513.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,096,538.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	0.00
tblEnergyUse	LightingElect	810.36	0.00
tblEnergyUse	LightingElect	741.44	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.34	0.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	7.57	0.00
tblEnergyUse	LightingElect	3.38	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.60	0.00
tblEnergyUse	LightingElect	4.63	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3,172.76	0.00

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

tblEnergyUse	NT24E	3,054.10	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	1.42	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	17.72	0.00
tblEnergyUse	NT24E	1.37	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	4.20	0.00
tblEnergyUse	NT24E	0.34	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	2,687.00	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.42	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	68.83	0.00
tblEnergyUse	NT24NG	0.26	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	NT24NG	0.06	0.00
tblEnergyUse	T24E	108.87	0.00

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

tblEnergyUse	T24E	98.18	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.68	0.00
tblEnergyUse	T24E	3.50	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	2.87	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	5.41	0.00
tblEnergyUse	T24E	1.67	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	1.48	0.00
tblEnergyUse	T24E	3.36	29.25
tblEnergyUse	T24E	0.45	0.00
tblEnergyUse	T24NG	8,969.37	0.00
tblEnergyUse	T24NG	6,729.23	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	8.96	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	15.83	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.18	0.00
tblEnergyUse	T24NG	26.20	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	18.39	0.00
tblEnergyUse	T24NG	40.44	1.25

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

tblEnergyUse	T24NG	6.05	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	1.38	0.00
tblFireplaces	NumberGas	231.00	0.00
tblFireplaces	NumberNoFireplace	0.25	0.00
tblFireplaces	NumberNoFireplace	42.00	0.00
tblFireplaces	NumberWood	0.88	0.00
tblFireplaces	NumberWood	147.00	0.00
tblGrading	AcresOfGrading	930.00	0.00
tblGrading	AcresOfGrading	180.00	0.00
tblLandUse	LandUseSquareFeet	3,675,949.37	1,675,000.00
tblLandUse	LandUseSquareFeet	400,000.00	519,000.00
tblLandUse	LotAcreage	84.39	38.45
tblLandUse	LotAcreage	10.53	11.91
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	203.98	0
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblSequestration	NumberOfNewTrees	0.00	2,000.00
tblTripsAndVMT	VendorTripNumber	1,032.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	2,753.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	551.00	0.00
tblVehicleEF	HHD	0.03	0.10
tblVehicleEF	HHD	1.0150e-003	3.2260e-003
tblVehicleEF	HHD	9.31	105.93
tblVehicleEF	HHD	0.23	0.04
tblVehicleEF	HHD	4.4290e-003	2.2600e-004
tblVehicleEF	HHD	1,180.41	3,474.01
tblVehicleEF	HHD	1,025.73	1,111.51
tblVehicleEF	HHD	0.03	1.2610e-003
tblVehicleEF	HHD	0.19	0.55
tblVehicleEF	HHD	0.16	0.18
tblVehicleEF	HHD	5.1000e-005	0.00
tblVehicleEF	HHD	7.47	72.82
tblVehicleEF	HHD	2.23	1.10

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

tblVehicleEF	HHD	2.60	1.97
tblVehicleEF	HHD	2.7110e-003	0.03
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.5930e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9170e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	7.8000e-005
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.63	7.16
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.7720e-003
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	1.0000e-006	7.8000e-005
tblVehicleEF	HHD	4.8000e-005	0.00
tblVehicleEF	HHD	0.72	8.19
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.10
tblVehicleEF	HHD	1.0160e-003	3.2260e-003
tblVehicleEF	HHD	9.19	104.56
tblVehicleEF	HHD	0.23	0.04

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

tblVehicleEF	HHD	3.9740e-003	2.0300e-004
tblVehicleEF	HHD	1,165.06	3,474.01
tblVehicleEF	HHD	1,025.73	1,111.51
tblVehicleEF	HHD	0.03	1.2610e-003
tblVehicleEF	HHD	0.18	0.55
tblVehicleEF	HHD	0.16	0.18
tblVehicleEF	HHD	4.9000e-005	0.00
tblVehicleEF	HHD	7.10	69.20
tblVehicleEF	HHD	2.11	1.05
tblVehicleEF	HHD	2.60	1.97
tblVehicleEF	HHD	2.4070e-003	0.03
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3030e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9170e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-006	9.1000e-005
tblVehicleEF	HHD	5.4000e-005	1.0000e-006
tblVehicleEF	HHD	0.67	7.59
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	9.7720e-003
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	3.0000e-006	9.1000e-005
tblVehicleEF	HHD	5.4000e-005	1.0000e-006

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

tblVehicleEF	HHD	0.76	8.67
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.10
tblVehicleEF	HHD	1.0140e-003	3.2260e-003
tblVehicleEF	HHD	9.47	107.83
tblVehicleEF	HHD	0.23	0.04
tblVehicleEF	HHD	4.8610e-003	2.4800e-004
tblVehicleEF	HHD	1,201.61	3,474.01
tblVehicleEF	HHD	1,025.73	1,111.51
tblVehicleEF	HHD	0.03	1.2610e-003
tblVehicleEF	HHD	0.19	0.55
tblVehicleEF	HHD	0.16	0.18
tblVehicleEF	HHD	5.4000e-005	0.00
tblVehicleEF	HHD	7.98	77.82
tblVehicleEF	HHD	2.27	1.12
tblVehicleEF	HHD	2.60	1.97
tblVehicleEF	HHD	3.1300e-003	0.04
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.9940e-003	0.03
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8860e-003	8.9170e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	7.6000e-005
tblVehicleEF	HHD	4.7000e-005	0.00

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

tblVehicleEF	HHD	0.58	6.57
tblVehicleEF	HHD	0.02	9.7710e-003
tblVehicleEF	HHD	2.3000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	0.13
tblVehicleEF	HHD	9.6910e-003	0.01
tblVehicleEF	HHD	0.00	7.6000e-005
tblVehicleEF	HHD	4.7000e-005	0.00
tblVehicleEF	HHD	0.66	7.51
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.3000e-005	5.0000e-006
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	5.4600e-004	1.0770e-003
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.36	0.43
tblVehicleEF	LDA	1.41	1.47
tblVehicleEF	LDA	179.03	190.41
tblVehicleEF	LDA	36.24	52.08
tblVehicleEF	LDA	3.0360e-003	2.6170e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.14
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3200e-004
tblVehicleEF	LDA	6.4100e-004	6.8800e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	3.9700e-004
tblVehicleEF	LDA	5.8900e-004	6.3300e-004
tblVehicleEF	LDA	0.01	0.75

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

tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	1.5310e-003	2.4760e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.06	0.11
tblVehicleEF	LDA	1.7710e-003	1.9310e-003
tblVehicleEF	LDA	3.5900e-004	4.6600e-004
tblVehicleEF	LDA	0.01	0.75
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.00
tblVehicleEF	LDA	2.2190e-003	3.6120e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.07	0.12
tblVehicleEF	LDA	6.4400e-004	1.0770e-003
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.44	0.61
tblVehicleEF	LDA	1.12	1.17
tblVehicleEF	LDA	196.14	190.41
tblVehicleEF	LDA	35.75	52.08
tblVehicleEF	LDA	2.8060e-003	2.6170e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3200e-004
tblVehicleEF	LDA	6.4100e-004	6.8800e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	3.9700e-004
tblVehicleEF	LDA	5.8900e-004	6.3300e-004

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

tblVehicleEF	LDA	0.04	0.90
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	1.7620e-003	2.6500e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	1.9400e-003	2.1230e-003
tblVehicleEF	LDA	3.5400e-004	4.6000e-004
tblVehicleEF	LDA	0.04	0.90
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	2.5570e-003	3.8660e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	5.1200e-004	1.0770e-003
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.34	0.40
tblVehicleEF	LDA	1.70	1.78
tblVehicleEF	LDA	174.70	190.41
tblVehicleEF	LDA	36.75	52.08
tblVehicleEF	LDA	3.2290e-003	2.6170e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.12	0.15
tblVehicleEF	LDA	0.04	7.5680e-003
tblVehicleEF	LDA	4.6700e-004	4.3200e-004
tblVehicleEF	LDA	6.4100e-004	6.8800e-004
tblVehicleEF	LDA	0.02	2.6490e-003
tblVehicleEF	LDA	4.3000e-004	3.9700e-004

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

tblVehicleEF	LDA	5.8900e-004	6.3300e-004
tblVehicleEF	LDA	3.4380e-003	0.71
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.7170e-003	0.00
tblVehicleEF	LDA	1.4580e-003	2.4040e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.07	0.13
tblVehicleEF	LDA	1.7280e-003	1.8830e-003
tblVehicleEF	LDA	3.6400e-004	4.7100e-004
tblVehicleEF	LDA	3.4380e-003	0.71
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.7170e-003	0.00
tblVehicleEF	LDA	2.1130e-003	3.5060e-003
tblVehicleEF	LDA	0.02	0.12
tblVehicleEF	LDA	0.08	0.14
tblVehicleEF	LDT1	6.0000e-004	1.3180e-003
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.37	0.51
tblVehicleEF	LDT1	1.49	1.70
tblVehicleEF	LDT1	212.11	246.45
tblVehicleEF	LDT1	43.72	64.02
tblVehicleEF	LDT1	3.0120e-003	3.2160e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.17
tblVehicleEF	LDT1	0.04	9.4960e-003
tblVehicleEF	LDT1	5.0500e-004	5.0400e-004
tblVehicleEF	LDT1	7.2900e-004	8.1900e-004
tblVehicleEF	LDT1	0.02	3.3230e-003

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

tblVehicleEF	LDT1	4.6500e-004	4.6400e-004
tblVehicleEF	LDT1	6.7000e-004	7.5300e-004
tblVehicleEF	LDT1	0.02	1.30
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	1.6530e-003	2.9710e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	2.0990e-003	2.4760e-003
tblVehicleEF	LDT1	4.3300e-004	5.9500e-004
tblVehicleEF	LDT1	0.02	1.30
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.00
tblVehicleEF	LDT1	2.4110e-003	4.3350e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.08	0.14
tblVehicleEF	LDT1	7.0800e-004	1.3180e-003
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.47	0.74
tblVehicleEF	LDT1	1.20	1.36
tblVehicleEF	LDT1	230.05	246.45
tblVehicleEF	LDT1	43.21	64.02
tblVehicleEF	LDT1	2.7690e-003	3.2160e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.12	0.16
tblVehicleEF	LDT1	0.04	9.4960e-003
tblVehicleEF	LDT1	5.0500e-004	5.0400e-004
tblVehicleEF	LDT1	7.2900e-004	8.1900e-004

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

tblVehicleEF	LDT1	0.02	3.3230e-003
tblVehicleEF	LDT1	4.6500e-004	4.6400e-004
tblVehicleEF	LDT1	6.7000e-004	7.5300e-004
tblVehicleEF	LDT1	0.06	1.49
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	1.9140e-003	3.1860e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.06	0.10
tblVehicleEF	LDT1	2.2760e-003	2.6980e-003
tblVehicleEF	LDT1	4.2800e-004	5.8900e-004
tblVehicleEF	LDT1	0.06	1.49
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	2.7920e-003	4.6480e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	5.6100e-004	1.3180e-003
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.36	0.47
tblVehicleEF	LDT1	1.81	2.06
tblVehicleEF	LDT1	207.50	246.45
tblVehicleEF	LDT1	44.27	64.02
tblVehicleEF	LDT1	3.2250e-003	3.2160e-003
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.19
tblVehicleEF	LDT1	0.04	9.4960e-003
tblVehicleEF	LDT1	5.0500e-004	5.0400e-004

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

tblVehicleEF	LDT1	7.2900e-004	8.1900e-004
tblVehicleEF	LDT1	0.02	3.3230e-003
tblVehicleEF	LDT1	4.6500e-004	4.6400e-004
tblVehicleEF	LDT1	6.7000e-004	7.5300e-004
tblVehicleEF	LDT1	6.5900e-003	1.25
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	5.3190e-003	0.00
tblVehicleEF	LDT1	1.5700e-003	2.8820e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.08	0.15
tblVehicleEF	LDT1	2.0530e-003	2.4190e-003
tblVehicleEF	LDT1	4.3800e-004	6.0100e-004
tblVehicleEF	LDT1	6.5900e-003	1.25
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	5.3190e-003	0.00
tblVehicleEF	LDT1	2.2910e-003	4.2050e-003
tblVehicleEF	LDT1	0.03	0.21
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT2	7.8500e-004	1.3880e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.43	0.58
tblVehicleEF	LDT2	1.90	2.07
tblVehicleEF	LDT2	211.71	242.84
tblVehicleEF	LDT2	43.91	64.67
tblVehicleEF	LDT2	3.1850e-003	3.2120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LDT2	0.04	9.4570e-003

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

tblVehicleEF	LDT2	5.3400e-004	5.0800e-004
tblVehicleEF	LDT2	6.9300e-004	7.7500e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.6800e-004
tblVehicleEF	LDT2	6.3800e-004	7.1200e-004
tblVehicleEF	LDT2	0.03	1.06
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	2.3570e-003	3.9380e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.09	0.16
tblVehicleEF	LDT2	2.0940e-003	2.5810e-003
tblVehicleEF	LDT2	4.3500e-004	6.2100e-004
tblVehicleEF	LDT2	0.03	1.06
tblVehicleEF	LDT2	0.05	0.04
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	3.3970e-003	5.7290e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.10	0.17
tblVehicleEF	LDT2	9.2600e-004	1.3880e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.54	0.83
tblVehicleEF	LDT2	1.52	1.65
tblVehicleEF	LDT2	227.98	242.84
tblVehicleEF	LDT2	43.24	64.67
tblVehicleEF	LDT2	2.9550e-003	3.2120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.11	0.18

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

tblVehicleEF	LDT2	0.04	9.4570e-003
tblVehicleEF	LDT2	5.3400e-004	5.0800e-004
tblVehicleEF	LDT2	6.9300e-004	7.7500e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.6800e-004
tblVehicleEF	LDT2	6.3800e-004	7.1200e-004
tblVehicleEF	LDT2	0.09	1.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	2.7110e-003	4.2200e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	2.2550e-003	2.7940e-003
tblVehicleEF	LDT2	4.2800e-004	6.1300e-004
tblVehicleEF	LDT2	0.09	1.23
tblVehicleEF	LDT2	0.06	0.04
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	3.9140e-003	6.1410e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.08	0.14
tblVehicleEF	LDT2	7.3300e-004	1.3880e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.41	0.52
tblVehicleEF	LDT2	2.32	2.52
tblVehicleEF	LDT2	207.53	242.84
tblVehicleEF	LDT2	44.62	64.67
tblVehicleEF	LDT2	3.3890e-003	3.2120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02

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

tblVehicleEF	LDT2	0.13	0.22
tblVehicleEF	LDT2	0.04	9.4570e-003
tblVehicleEF	LDT2	5.3400e-004	5.0800e-004
tblVehicleEF	LDT2	6.9300e-004	7.7500e-004
tblVehicleEF	LDT2	0.02	3.3100e-003
tblVehicleEF	LDT2	4.9300e-004	4.6800e-004
tblVehicleEF	LDT2	6.3800e-004	7.1200e-004
tblVehicleEF	LDT2	9.0860e-003	1.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	7.3420e-003	0.00
tblVehicleEF	LDT2	2.2450e-003	3.8210e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.11	0.18
tblVehicleEF	LDT2	2.0530e-003	2.5270e-003
tblVehicleEF	LDT2	4.4200e-004	6.2900e-004
tblVehicleEF	LDT2	9.0860e-003	1.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	7.3420e-003	0.00
tblVehicleEF	LDT2	3.2330e-003	5.5580e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.12	0.20
tblVehicleEF	LHD1	3.2450e-003	0.03
tblVehicleEF	LHD1	3.9310e-003	1.5000e-003
tblVehicleEF	LHD1	5.4730e-003	7.1250e-003
tblVehicleEF	LHD1	0.17	1.49
tblVehicleEF	LHD1	0.37	0.22
tblVehicleEF	LHD1	0.75	1.18
tblVehicleEF	LHD1	7.57	55.69
tblVehicleEF	LHD1	622.56	356.70

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

tblVehicleEF	LHD1	8.26	7.58
tblVehicleEF	LHD1	7.2300e-004	4.2560e-003
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.04	0.22
tblVehicleEF	LHD1	0.14	0.05
tblVehicleEF	LHD1	0.17	0.14
tblVehicleEF	LHD1	1.0390e-003	5.7920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8300e-003
tblVehicleEF	LHD1	5.3200e-003	4.1130e-003
tblVehicleEF	LHD1	1.7100e-004	3.3000e-005
tblVehicleEF	LHD1	9.9400e-004	5.5410e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2080e-003
tblVehicleEF	LHD1	5.0500e-003	3.9200e-003
tblVehicleEF	LHD1	1.5700e-004	3.0000e-005
tblVehicleEF	LHD1	1.0560e-003	0.78
tblVehicleEF	LHD1	0.03	6.7650e-003
tblVehicleEF	LHD1	0.01	0.12
tblVehicleEF	LHD1	5.4600e-004	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3000e-005	5.9500e-004
tblVehicleEF	LHD1	6.0610e-003	3.3980e-003
tblVehicleEF	LHD1	8.2000e-005	8.1000e-005
tblVehicleEF	LHD1	1.0560e-003	0.78
tblVehicleEF	LHD1	0.03	6.7650e-003

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

tblVehicleEF	LHD1	0.02	0.17
tblVehicleEF	LHD1	5.4600e-004	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.2570e-003	0.03
tblVehicleEF	LHD1	3.9700e-003	1.5000e-003
tblVehicleEF	LHD1	5.1050e-003	7.1250e-003
tblVehicleEF	LHD1	0.17	1.49
tblVehicleEF	LHD1	0.38	0.23
tblVehicleEF	LHD1	0.68	1.07
tblVehicleEF	LHD1	7.57	55.69
tblVehicleEF	LHD1	622.57	356.70
tblVehicleEF	LHD1	8.15	7.58
tblVehicleEF	LHD1	7.2500e-004	4.2560e-003
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	0.04	0.22
tblVehicleEF	LHD1	0.14	0.05
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	1.0390e-003	5.7920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8300e-003
tblVehicleEF	LHD1	5.3200e-003	4.1130e-003
tblVehicleEF	LHD1	1.7100e-004	3.3000e-005
tblVehicleEF	LHD1	9.9400e-004	5.5410e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2080e-003
tblVehicleEF	LHD1	5.0500e-003	3.9200e-003

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

tblVehicleEF	LHD1	1.5700e-004	3.0000e-005
tblVehicleEF	LHD1	2.7150e-003	0.85
tblVehicleEF	LHD1	0.04	7.4750e-003
tblVehicleEF	LHD1	0.01	0.12
tblVehicleEF	LHD1	1.3720e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3000e-005	5.9500e-004
tblVehicleEF	LHD1	6.0610e-003	3.3980e-003
tblVehicleEF	LHD1	8.1000e-005	7.9000e-005
tblVehicleEF	LHD1	2.7150e-003	0.85
tblVehicleEF	LHD1	0.04	7.4750e-003
tblVehicleEF	LHD1	0.02	0.17
tblVehicleEF	LHD1	1.3720e-003	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	3.2360e-003	0.03
tblVehicleEF	LHD1	3.8980e-003	1.5000e-003
tblVehicleEF	LHD1	5.7960e-003	7.1250e-003
tblVehicleEF	LHD1	0.17	1.49
tblVehicleEF	LHD1	0.37	0.22
tblVehicleEF	LHD1	0.81	1.27
tblVehicleEF	LHD1	7.57	55.69
tblVehicleEF	LHD1	622.56	356.70
tblVehicleEF	LHD1	8.37	7.58
tblVehicleEF	LHD1	7.2100e-004	4.2560e-003
tblVehicleEF	LHD1	0.04	0.02

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

tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.04	0.22
tblVehicleEF	LHD1	0.15	0.05
tblVehicleEF	LHD1	0.18	0.15
tblVehicleEF	LHD1	1.0390e-003	5.7920e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.01	8.8300e-003
tblVehicleEF	LHD1	5.3200e-003	4.1130e-003
tblVehicleEF	LHD1	1.7100e-004	3.3000e-005
tblVehicleEF	LHD1	9.9400e-004	5.5410e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5120e-003	2.2080e-003
tblVehicleEF	LHD1	5.0500e-003	3.9200e-003
tblVehicleEF	LHD1	1.5700e-004	3.0000e-005
tblVehicleEF	LHD1	3.2900e-004	0.76
tblVehicleEF	LHD1	0.03	6.1060e-003
tblVehicleEF	LHD1	0.01	0.12
tblVehicleEF	LHD1	1.9500e-004	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	7.3000e-005	5.9500e-004
tblVehicleEF	LHD1	6.0610e-003	3.3980e-003
tblVehicleEF	LHD1	3.2900e-004	0.76
tblVehicleEF	LHD1	0.03	6.1060e-003
tblVehicleEF	LHD1	0.02	0.17
tblVehicleEF	LHD1	1.9500e-004	0.00
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.07	0.06

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

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD2	1.9590e-003	0.01
tblVehicleEF	LHD2	4.8410e-003	3.2700e-003
tblVehicleEF	LHD2	2.7120e-003	2.9500e-003
tblVehicleEF	LHD2	0.13	0.99
tblVehicleEF	LHD2	0.48	0.19
tblVehicleEF	LHD2	0.41	0.55
tblVehicleEF	LHD2	12.19	97.76
tblVehicleEF	LHD2	615.32	419.22
tblVehicleEF	LHD2	5.18	3.25
tblVehicleEF	LHD2	1.6130e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	8.2530e-003	5.2360e-003
tblVehicleEF	LHD2	0.06	0.50
tblVehicleEF	LHD2	0.22	0.15
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.5750e-003
tblVehicleEF	LHD2	0.01	9.5270e-003
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.3940e-003
tblVehicleEF	LHD2	0.01	9.1090e-003
tblVehicleEF	LHD2	8.6000e-005	1.4000e-005
tblVehicleEF	LHD2	5.4400e-004	0.37
tblVehicleEF	LHD2	0.02	3.1430e-003
tblVehicleEF	LHD2	0.01	0.08

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

tblVehicleEF	LHD2	2.8000e-004	0.00
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	9.6800e-004
tblVehicleEF	LHD2	5.9280e-003	3.7710e-003
tblVehicleEF	LHD2	5.1000e-005	3.7000e-005
tblVehicleEF	LHD2	5.4400e-004	0.37
tblVehicleEF	LHD2	0.02	3.1430e-003
tblVehicleEF	LHD2	0.01	0.11
tblVehicleEF	LHD2	2.8000e-004	0.00
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.9650e-003	0.01
tblVehicleEF	LHD2	4.8620e-003	3.2700e-003
tblVehicleEF	LHD2	2.5300e-003	2.9500e-003
tblVehicleEF	LHD2	0.13	0.99
tblVehicleEF	LHD2	0.49	0.19
tblVehicleEF	LHD2	0.37	0.50
tblVehicleEF	LHD2	12.19	97.76
tblVehicleEF	LHD2	615.32	419.22
tblVehicleEF	LHD2	5.12	3.25
tblVehicleEF	LHD2	1.6150e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	7.8470e-003	5.2360e-003
tblVehicleEF	LHD2	0.06	0.50
tblVehicleEF	LHD2	0.21	0.14
tblVehicleEF	LHD2	0.08	0.05

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

tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.5750e-003
tblVehicleEF	LHD2	0.01	9.5270e-003
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.3940e-003
tblVehicleEF	LHD2	0.01	9.1090e-003
tblVehicleEF	LHD2	8.6000e-005	1.4000e-005
tblVehicleEF	LHD2	1.4030e-003	0.41
tblVehicleEF	LHD2	0.02	3.4710e-003
tblVehicleEF	LHD2	0.01	0.08
tblVehicleEF	LHD2	7.0500e-004	0.00
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	9.6800e-004
tblVehicleEF	LHD2	5.9280e-003	3.7710e-003
tblVehicleEF	LHD2	5.1000e-005	3.6000e-005
tblVehicleEF	LHD2	1.4030e-003	0.41
tblVehicleEF	LHD2	0.02	3.4710e-003
tblVehicleEF	LHD2	0.01	0.11
tblVehicleEF	LHD2	7.0500e-004	0.00
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.9540e-003	0.01
tblVehicleEF	LHD2	4.8230e-003	3.2700e-003

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

tblVehicleEF	LHD2	2.8730e-003	2.9500e-003
tblVehicleEF	LHD2	0.13	0.99
tblVehicleEF	LHD2	0.48	0.19
tblVehicleEF	LHD2	0.45	0.60
tblVehicleEF	LHD2	12.19	97.76
tblVehicleEF	LHD2	615.32	419.22
tblVehicleEF	LHD2	5.24	3.25
tblVehicleEF	LHD2	1.6120e-003	0.01
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	8.6710e-003	5.2360e-003
tblVehicleEF	LHD2	0.06	0.50
tblVehicleEF	LHD2	0.23	0.15
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	1.5480e-003	0.01
tblVehicleEF	LHD2	0.09	0.07
tblVehicleEF	LHD2	0.01	9.5750e-003
tblVehicleEF	LHD2	0.01	9.5270e-003
tblVehicleEF	LHD2	9.4000e-005	1.6000e-005
tblVehicleEF	LHD2	1.4810e-003	0.01
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7300e-003	2.3940e-003
tblVehicleEF	LHD2	0.01	9.1090e-003
tblVehicleEF	LHD2	8.6000e-005	1.4000e-005
tblVehicleEF	LHD2	1.6800e-004	0.37
tblVehicleEF	LHD2	0.02	2.8380e-003
tblVehicleEF	LHD2	0.01	0.08
tblVehicleEF	LHD2	1.0000e-004	0.00
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.03

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

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.1600e-004	9.6800e-004
tblVehicleEF	LHD2	5.9280e-003	3.7710e-003
tblVehicleEF	LHD2	5.2000e-005	3.8000e-005
tblVehicleEF	LHD2	1.6800e-004	0.37
tblVehicleEF	LHD2	0.02	2.8380e-003
tblVehicleEF	LHD2	0.01	0.11
tblVehicleEF	LHD2	1.0000e-004	0.00
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	MCY	0.32	0.17
tblVehicleEF	MCY	0.25	0.14
tblVehicleEF	MCY	17.55	10.17
tblVehicleEF	MCY	9.87	8.20
tblVehicleEF	MCY	210.74	177.64
tblVehicleEF	MCY	59.55	39.22
tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	4.7110e-003
tblVehicleEF	MCY	1.16	0.48
tblVehicleEF	MCY	0.27	0.06
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2680e-003
tblVehicleEF	MCY	2.8720e-003	3.5080e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.1140e-003
tblVehicleEF	MCY	2.6800e-003	3.2700e-003
tblVehicleEF	MCY	1.19	3.91
tblVehicleEF	MCY	0.74	3.45

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

tblVehicleEF	MCY	0.54	0.00
tblVehicleEF	MCY	2.13	0.80
tblVehicleEF	MCY	0.46	3.94
tblVehicleEF	MCY	1.94	0.89
tblVehicleEF	MCY	2.0850e-003	1.8560e-003
tblVehicleEF	MCY	5.8900e-004	3.5900e-004
tblVehicleEF	MCY	1.19	3.91
tblVehicleEF	MCY	0.74	3.45
tblVehicleEF	MCY	0.54	0.00
tblVehicleEF	MCY	2.67	1.01
tblVehicleEF	MCY	0.46	3.94
tblVehicleEF	MCY	2.12	0.97
tblVehicleEF	MCY	0.31	0.17
tblVehicleEF	MCY	0.21	0.14
tblVehicleEF	MCY	17.06	10.55
tblVehicleEF	MCY	8.12	6.43
tblVehicleEF	MCY	209.72	177.64
tblVehicleEF	MCY	55.56	39.22
tblVehicleEF	MCY	0.06	0.04
tblVehicleEF	MCY	0.01	4.7110e-003
tblVehicleEF	MCY	0.97	0.40
tblVehicleEF	MCY	0.25	0.05
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2680e-003
tblVehicleEF	MCY	2.8720e-003	3.5080e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.1140e-003
tblVehicleEF	MCY	2.6800e-003	3.2700e-003
tblVehicleEF	MCY	3.56	6.18

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

tblVehicleEF	MCY	1.31	3.75
tblVehicleEF	MCY	1.89	0.00
tblVehicleEF	MCY	2.06	0.83
tblVehicleEF	MCY	0.45	4.15
tblVehicleEF	MCY	1.58	0.76
tblVehicleEF	MCY	2.0750e-003	1.8630e-003
tblVehicleEF	MCY	5.5000e-004	3.2700e-004
tblVehicleEF	MCY	3.56	6.18
tblVehicleEF	MCY	1.31	3.75
tblVehicleEF	MCY	1.89	0.00
tblVehicleEF	MCY	2.58	1.04
tblVehicleEF	MCY	0.45	4.15
tblVehicleEF	MCY	1.72	0.83
tblVehicleEF	MCY	0.33	0.17
tblVehicleEF	MCY	0.30	0.14
tblVehicleEF	MCY	18.91	9.89
tblVehicleEF	MCY	11.79	9.90
tblVehicleEF	MCY	213.20	177.64
tblVehicleEF	MCY	63.82	39.22
tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	4.7110e-003
tblVehicleEF	MCY	1.26	0.51
tblVehicleEF	MCY	0.30	0.06
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.2160e-003	2.2680e-003
tblVehicleEF	MCY	2.8720e-003	3.5080e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	2.0660e-003	2.1140e-003
tblVehicleEF	MCY	2.6800e-003	3.2700e-003

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

tblVehicleEF	MCY	0.19	3.45
tblVehicleEF	MCY	0.73	3.13
tblVehicleEF	MCY	0.10	0.00
tblVehicleEF	MCY	2.21	0.78
tblVehicleEF	MCY	0.57	4.21
tblVehicleEF	MCY	2.31	1.02
tblVehicleEF	MCY	2.1100e-003	1.8510e-003
tblVehicleEF	MCY	6.3200e-004	3.8900e-004
tblVehicleEF	MCY	0.19	3.45
tblVehicleEF	MCY	0.73	3.13
tblVehicleEF	MCY	0.10	0.00
tblVehicleEF	MCY	2.77	0.98
tblVehicleEF	MCY	0.57	4.21
tblVehicleEF	MCY	2.52	1.11
tblVehicleEF	MDV	8.2500e-004	1.4310e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.43	0.58
tblVehicleEF	MDV	1.89	2.04
tblVehicleEF	MDV	256.66	298.92
tblVehicleEF	MDV	52.16	80.40
tblVehicleEF	MDV	4.2840e-003	3.7330e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MDV	0.04	9.5190e-003
tblVehicleEF	MDV	5.2300e-004	4.9700e-004
tblVehicleEF	MDV	6.9400e-004	7.6100e-004
tblVehicleEF	MDV	0.02	3.3320e-003
tblVehicleEF	MDV	4.8200e-004	4.5700e-004

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

tblVehicleEF	MDV	6.3800e-004	7.0000e-004
tblVehicleEF	MDV	0.05	1.13
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	2.6160e-003	3.9890e-003
tblVehicleEF	MDV	0.03	0.18
tblVehicleEF	MDV	0.10	0.16
tblVehicleEF	MDV	2.5360e-003	3.0580e-003
tblVehicleEF	MDV	5.1600e-004	7.3400e-004
tblVehicleEF	MDV	0.05	1.13
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.04	0.00
tblVehicleEF	MDV	3.7680e-003	5.8040e-003
tblVehicleEF	MDV	0.03	0.18
tblVehicleEF	MDV	0.11	0.17
tblVehicleEF	MDV	9.7200e-004	1.4310e-003
tblVehicleEF	MDV	0.02	0.05
tblVehicleEF	MDV	0.54	0.83
tblVehicleEF	MDV	1.51	1.63
tblVehicleEF	MDV	272.45	298.92
tblVehicleEF	MDV	51.49	80.40
tblVehicleEF	MDV	4.0470e-003	3.7330e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.12	0.18
tblVehicleEF	MDV	0.04	9.5190e-003
tblVehicleEF	MDV	5.2300e-004	4.9700e-004
tblVehicleEF	MDV	6.9400e-004	7.6100e-004
tblVehicleEF	MDV	0.02	3.3320e-003

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

tblVehicleEF	MDV	4.8200e-004	4.5700e-004
tblVehicleEF	MDV	6.3800e-004	7.0000e-004
tblVehicleEF	MDV	0.14	1.31
tblVehicleEF	MDV	0.09	0.04
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	3.0030e-003	4.2740e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.08	0.13
tblVehicleEF	MDV	2.6920e-003	3.2640e-003
tblVehicleEF	MDV	5.1000e-004	7.2600e-004
tblVehicleEF	MDV	0.14	1.31
tblVehicleEF	MDV	0.09	0.04
tblVehicleEF	MDV	0.11	0.00
tblVehicleEF	MDV	4.3320e-003	6.2190e-003
tblVehicleEF	MDV	0.03	0.19
tblVehicleEF	MDV	0.09	0.14
tblVehicleEF	MDV	7.7100e-004	1.4310e-003
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.41	0.53
tblVehicleEF	MDV	2.30	2.49
tblVehicleEF	MDV	252.61	298.92
tblVehicleEF	MDV	52.87	80.40
tblVehicleEF	MDV	4.4900e-003	3.7330e-003
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.15	0.22
tblVehicleEF	MDV	0.04	9.5190e-003
tblVehicleEF	MDV	5.2300e-004	4.9700e-004
tblVehicleEF	MDV	6.9400e-004	7.6100e-004

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

tblVehicleEF	MDV	0.02	3.3320e-003
tblVehicleEF	MDV	4.8200e-004	4.5700e-004
tblVehicleEF	MDV	6.3800e-004	7.0000e-004
tblVehicleEF	MDV	0.01	1.09
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	2.4930e-003	3.8710e-003
tblVehicleEF	MDV	0.04	0.18
tblVehicleEF	MDV	0.12	0.19
tblVehicleEF	MDV	2.4960e-003	3.0060e-003
tblVehicleEF	MDV	5.2300e-004	7.4200e-004
tblVehicleEF	MDV	0.01	1.09
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.01	0.00
tblVehicleEF	MDV	3.5890e-003	5.6310e-003
tblVehicleEF	MDV	0.04	0.18
tblVehicleEF	MDV	0.13	0.20
tblVehicleEF	MH	3.8620e-003	3.9710e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.19	0.18
tblVehicleEF	MH	1.43	1.23
tblVehicleEF	MH	1,236.22	1,359.54
tblVehicleEF	MH	13.06	14.44
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	1.01	1.09
tblVehicleEF	MH	0.20	0.21
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01

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

tblVehicleEF	MH	0.01	8.7750e-003
tblVehicleEF	MH	2.0100e-004	2.1600e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3780e-003
tblVehicleEF	MH	0.01	8.3610e-003
tblVehicleEF	MH	1.8500e-004	1.9800e-004
tblVehicleEF	MH	0.26	1.15
tblVehicleEF	MH	0.01	1.60
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	1.9560e-003	0.07
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.2900e-004	1.6700e-004
tblVehicleEF	MH	0.26	1.15
tblVehicleEF	MH	0.01	1.60
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	1.9560e-003	0.07
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	3.9520e-003	3.9710e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.20	0.19
tblVehicleEF	MH	1.26	1.08
tblVehicleEF	MH	1,236.23	1,359.54
tblVehicleEF	MH	12.77	14.44
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	0.94	1.01

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

tblVehicleEF	MH	0.18	0.19
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.01	8.7750e-003
tblVehicleEF	MH	2.0100e-004	2.1600e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3780e-003
tblVehicleEF	MH	0.01	8.3610e-003
tblVehicleEF	MH	1.8500e-004	1.9800e-004
tblVehicleEF	MH	0.68	1.28
tblVehicleEF	MH	0.02	1.77
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	1.9210e-003	0.07
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.2600e-004	1.6500e-004
tblVehicleEF	MH	0.68	1.28
tblVehicleEF	MH	0.02	1.77
tblVehicleEF	MH	0.24	0.00
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	1.9210e-003	0.07
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	3.7830e-003	3.9710e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.19	0.18
tblVehicleEF	MH	1.58	1.36
tblVehicleEF	MH	1,236.21	1,359.54
tblVehicleEF	MH	13.32	14.44

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

tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.02	0.04
tblVehicleEF	MH	1.03	1.11
tblVehicleEF	MH	0.21	0.23
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.01	8.7750e-003
tblVehicleEF	MH	2.0100e-004	2.1600e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.3190e-003	3.3780e-003
tblVehicleEF	MH	0.01	8.3610e-003
tblVehicleEF	MH	1.8500e-004	1.9800e-004
tblVehicleEF	MH	0.09	1.12
tblVehicleEF	MH	0.01	1.44
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.03	0.04
tblVehicleEF	MH	2.1370e-003	0.07
tblVehicleEF	MH	0.07	0.07
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.3200e-004	1.7000e-004
tblVehicleEF	MH	0.09	1.12
tblVehicleEF	MH	0.01	1.44
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	0.04	0.04
tblVehicleEF	MH	2.1370e-003	0.07
tblVehicleEF	MH	0.08	0.08
tblVehicleEF	MHD	1.9890e-003	0.01
tblVehicleEF	MHD	6.0400e-004	2.5800e-004
tblVehicleEF	MHD	3.9880e-003	1.5640e-003

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

tblVehicleEF	MHD	0.32	3.92
tblVehicleEF	MHD	0.12	0.02
tblVehicleEF	MHD	0.37	0.16
tblVehicleEF	MHD	55.44	703.01
tblVehicleEF	MHD	827.26	411.59
tblVehicleEF	MHD	3.72	1.61
tblVehicleEF	MHD	8.3400e-003	0.11
tblVehicleEF	MHD	0.12	0.05
tblVehicleEF	MHD	4.7260e-003	1.2400e-003
tblVehicleEF	MHD	0.31	2.62
tblVehicleEF	MHD	1.46	0.12
tblVehicleEF	MHD	1.96	0.48
tblVehicleEF	MHD	7.9000e-005	1.0810e-003
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.3920e-003
tblVehicleEF	MHD	5.5000e-005	2.6000e-005
tblVehicleEF	MHD	7.6000e-005	1.0340e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	6.6240e-003	1.3300e-003
tblVehicleEF	MHD	5.0000e-005	2.4000e-005
tblVehicleEF	MHD	1.5400e-004	0.11
tblVehicleEF	MHD	6.2140e-003	6.4100e-004
tblVehicleEF	MHD	0.01	0.13
tblVehicleEF	MHD	7.9000e-005	0.00
tblVehicleEF	MHD	9.8310e-003	2.8110e-003
tblVehicleEF	MHD	6.1980e-003	7.5400e-003
tblVehicleEF	MHD	0.02	9.3670e-003
tblVehicleEF	MHD	5.2500e-004	7.5730e-003
tblVehicleEF	MHD	7.8530e-003	4.5290e-003

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

tblVehicleEF	MHD	3.7000e-005	1.8000e-005
tblVehicleEF	MHD	1.5400e-004	0.11
tblVehicleEF	MHD	6.2140e-003	6.4100e-004
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	7.9000e-005	0.00
tblVehicleEF	MHD	0.01	3.3190e-003
tblVehicleEF	MHD	6.1980e-003	7.5400e-003
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	1.8940e-003	0.01
tblVehicleEF	MHD	6.1200e-004	2.5800e-004
tblVehicleEF	MHD	3.7170e-003	1.5640e-003
tblVehicleEF	MHD	0.29	3.63
tblVehicleEF	MHD	0.12	0.02
tblVehicleEF	MHD	0.33	0.14
tblVehicleEF	MHD	54.80	703.01
tblVehicleEF	MHD	827.26	411.59
tblVehicleEF	MHD	3.66	1.61
tblVehicleEF	MHD	8.2240e-003	0.11
tblVehicleEF	MHD	0.12	0.05
tblVehicleEF	MHD	4.4910e-003	1.2400e-003
tblVehicleEF	MHD	0.29	2.49
tblVehicleEF	MHD	1.36	0.11
tblVehicleEF	MHD	1.95	0.48
tblVehicleEF	MHD	7.0000e-005	9.6000e-004
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.3920e-003
tblVehicleEF	MHD	5.5000e-005	2.6000e-005
tblVehicleEF	MHD	6.7000e-005	9.1900e-004
tblVehicleEF	MHD	0.06	0.01

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

tblVehicleEF	MHD	6.6240e-003	1.3300e-003
tblVehicleEF	MHD	5.0000e-005	2.4000e-005
tblVehicleEF	MHD	3.9700e-004	0.13
tblVehicleEF	MHD	7.0330e-003	7.1400e-004
tblVehicleEF	MHD	0.01	0.13
tblVehicleEF	MHD	2.0200e-004	0.00
tblVehicleEF	MHD	9.8570e-003	2.8270e-003
tblVehicleEF	MHD	6.0850e-003	7.6230e-003
tblVehicleEF	MHD	0.02	8.6590e-003
tblVehicleEF	MHD	5.1900e-004	7.4750e-003
tblVehicleEF	MHD	7.8530e-003	4.5290e-003
tblVehicleEF	MHD	3.6000e-005	1.8000e-005
tblVehicleEF	MHD	3.9700e-004	0.13
tblVehicleEF	MHD	7.0330e-003	7.1400e-004
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	2.0200e-004	0.00
tblVehicleEF	MHD	0.01	3.3410e-003
tblVehicleEF	MHD	6.0850e-003	7.6230e-003
tblVehicleEF	MHD	0.02	9.4800e-003
tblVehicleEF	MHD	2.0780e-003	0.01
tblVehicleEF	MHD	5.9700e-004	2.5800e-004
tblVehicleEF	MHD	4.2240e-003	1.5640e-003
tblVehicleEF	MHD	0.35	4.22
tblVehicleEF	MHD	0.12	0.02
tblVehicleEF	MHD	0.41	0.18
tblVehicleEF	MHD	56.37	703.01
tblVehicleEF	MHD	827.26	411.59
tblVehicleEF	MHD	3.78	1.61
tblVehicleEF	MHD	8.5030e-003	0.11

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

tblVehicleEF	MHD	0.12	0.05
tblVehicleEF	MHD	4.9630e-003	1.2400e-003
tblVehicleEF	MHD	0.33	2.81
tblVehicleEF	MHD	1.48	0.12
tblVehicleEF	MHD	1.96	0.48
tblVehicleEF	MHD	9.2000e-005	1.2480e-003
tblVehicleEF	MHD	0.13	0.03
tblVehicleEF	MHD	6.9270e-003	1.3920e-003
tblVehicleEF	MHD	5.5000e-005	2.6000e-005
tblVehicleEF	MHD	8.8000e-005	1.1940e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	6.6240e-003	1.3300e-003
tblVehicleEF	MHD	5.0000e-005	2.4000e-005
tblVehicleEF	MHD	4.6000e-005	0.11
tblVehicleEF	MHD	6.1850e-003	5.7800e-004
tblVehicleEF	MHD	0.01	0.12
tblVehicleEF	MHD	2.8000e-005	0.00
tblVehicleEF	MHD	9.8100e-003	2.7990e-003
tblVehicleEF	MHD	6.9560e-003	7.5830e-003
tblVehicleEF	MHD	0.02	9.9930e-003
tblVehicleEF	MHD	5.3400e-004	7.7120e-003
tblVehicleEF	MHD	7.8530e-003	4.5290e-003
tblVehicleEF	MHD	3.7000e-005	1.8000e-005
tblVehicleEF	MHD	4.6000e-005	0.11
tblVehicleEF	MHD	6.1850e-003	5.7800e-004
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	2.8000e-005	0.00
tblVehicleEF	MHD	0.01	3.3010e-003
tblVehicleEF	MHD	6.9560e-003	7.5830e-003

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

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	OBUS	9.2180e-003	0.05
tblVehicleEF	OBUS	2.3450e-003	1.2020e-003
tblVehicleEF	OBUS	0.02	7.2530e-003
tblVehicleEF	OBUS	0.65	6.09
tblVehicleEF	OBUS	0.21	0.08
tblVehicleEF	OBUS	1.90	0.68
tblVehicleEF	OBUS	75.06	425.46
tblVehicleEF	OBUS	1,241.60	986.04
tblVehicleEF	OBUS	16.59	7.84
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	6.5810e-003
tblVehicleEF	OBUS	0.35	1.73
tblVehicleEF	OBUS	1.13	0.52
tblVehicleEF	OBUS	0.79	0.50
tblVehicleEF	OBUS	1.2200e-004	1.4910e-003
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.9220e-003	7.2520e-003
tblVehicleEF	OBUS	2.3100e-004	8.7000e-005
tblVehicleEF	OBUS	1.1700e-004	1.4270e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	6.9310e-003
tblVehicleEF	OBUS	2.1200e-004	8.0000e-005
tblVehicleEF	OBUS	1.7060e-003	1.04
tblVehicleEF	OBUS	0.02	7.3890e-003
tblVehicleEF	OBUS	0.06	0.48
tblVehicleEF	OBUS	6.1600e-004	0.00
tblVehicleEF	OBUS	0.01	0.01

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

tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	7.1500e-004	7.7230e-003
tblVehicleEF	OBUS	0.01	9.5040e-003
tblVehicleEF	OBUS	1.6400e-004	7.5000e-005
tblVehicleEF	OBUS	1.7060e-003	1.04
tblVehicleEF	OBUS	0.02	7.3890e-003
tblVehicleEF	OBUS	0.07	0.61
tblVehicleEF	OBUS	6.1600e-004	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.05
tblVehicleEF	OBUS	9.3390e-003	0.05
tblVehicleEF	OBUS	2.4370e-003	1.2020e-003
tblVehicleEF	OBUS	0.02	7.2530e-003
tblVehicleEF	OBUS	0.64	6.03
tblVehicleEF	OBUS	0.22	0.08
tblVehicleEF	OBUS	1.67	0.60
tblVehicleEF	OBUS	74.22	425.46
tblVehicleEF	OBUS	1,241.61	986.04
tblVehicleEF	OBUS	16.20	7.84
tblVehicleEF	OBUS	9.9700e-003	0.05
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	6.5810e-003
tblVehicleEF	OBUS	0.34	1.65
tblVehicleEF	OBUS	1.05	0.49
tblVehicleEF	OBUS	0.76	0.49
tblVehicleEF	OBUS	1.0900e-004	1.3170e-003
tblVehicleEF	OBUS	0.13	0.05

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

tblVehicleEF	OBUS	7.9220e-003	7.2520e-003
tblVehicleEF	OBUS	2.3100e-004	8.7000e-005
tblVehicleEF	OBUS	1.0400e-004	1.2600e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	6.9310e-003
tblVehicleEF	OBUS	2.1200e-004	8.0000e-005
tblVehicleEF	OBUS	4.3500e-003	1.19
tblVehicleEF	OBUS	0.02	8.1680e-003
tblVehicleEF	OBUS	0.06	0.49
tblVehicleEF	OBUS	1.5220e-003	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	7.0700e-004	7.6330e-003
tblVehicleEF	OBUS	0.01	9.5040e-003
tblVehicleEF	OBUS	1.6000e-004	7.4000e-005
tblVehicleEF	OBUS	4.3500e-003	1.19
tblVehicleEF	OBUS	0.02	8.1680e-003
tblVehicleEF	OBUS	0.08	0.63
tblVehicleEF	OBUS	1.5220e-003	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	9.0770e-003	0.05
tblVehicleEF	OBUS	2.2710e-003	1.2020e-003
tblVehicleEF	OBUS	0.02	7.2530e-003
tblVehicleEF	OBUS	0.65	6.17
tblVehicleEF	OBUS	0.21	0.08
tblVehicleEF	OBUS	2.10	0.75

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

tblVehicleEF	OBUS	76.22	425.46
tblVehicleEF	OBUS	1,241.59	986.04
tblVehicleEF	OBUS	16.93	7.84
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.02	6.5810e-003
tblVehicleEF	OBUS	0.38	1.85
tblVehicleEF	OBUS	1.17	0.53
tblVehicleEF	OBUS	0.81	0.51
tblVehicleEF	OBUS	1.4100e-004	1.7320e-003
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.9220e-003	7.2520e-003
tblVehicleEF	OBUS	2.3100e-004	8.7000e-005
tblVehicleEF	OBUS	1.3500e-004	1.6570e-003
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.5510e-003	6.9310e-003
tblVehicleEF	OBUS	2.1200e-004	8.0000e-005
tblVehicleEF	OBUS	5.6400e-004	1.01
tblVehicleEF	OBUS	0.02	6.6690e-003
tblVehicleEF	OBUS	0.05	0.46
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	7.2600e-004	7.8480e-003
tblVehicleEF	OBUS	0.01	9.5040e-003
tblVehicleEF	OBUS	1.6800e-004	7.7000e-005
tblVehicleEF	OBUS	5.6400e-004	1.01
tblVehicleEF	OBUS	0.02	6.6690e-003

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

tblVehicleEF	OBUS	0.07	0.59
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.08	0.03
tblVehicleEF	OBUS	0.11	0.05
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2540e-003	1.8800e-004
tblVehicleEF	SBUS	7.3640e-003	1.5840e-003
tblVehicleEF	SBUS	3.53	5.46
tblVehicleEF	SBUS	0.14	0.04
tblVehicleEF	SBUS	1.02	0.21
tblVehicleEF	SBUS	274.76	828.75
tblVehicleEF	SBUS	775.34	457.89
tblVehicleEF	SBUS	5.33	1.08
tblVehicleEF	SBUS	0.04	0.12
tblVehicleEF	SBUS	0.09	0.07
tblVehicleEF	SBUS	6.1490e-003	1.1780e-003
tblVehicleEF	SBUS	1.20	2.56
tblVehicleEF	SBUS	0.95	0.10
tblVehicleEF	SBUS	1.92	0.27
tblVehicleEF	SBUS	2.9300e-004	1.1690e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.1960e-003
tblVehicleEF	SBUS	9.6000e-005	2.2000e-005
tblVehicleEF	SBUS	2.8100e-004	1.1180e-003
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.6980e-003
tblVehicleEF	SBUS	5.2300e-003	1.1380e-003

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

tblVehicleEF	SBUS	8.8000e-005	2.0000e-005
tblVehicleEF	SBUS	1.3170e-003	0.08
tblVehicleEF	SBUS	0.01	2.2120e-003
tblVehicleEF	SBUS	0.37	0.34
tblVehicleEF	SBUS	4.7600e-004	0.00
tblVehicleEF	SBUS	0.01	3.1480e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.04	9.8580e-003
tblVehicleEF	SBUS	2.6270e-003	8.8690e-003
tblVehicleEF	SBUS	7.4370e-003	4.2270e-003
tblVehicleEF	SBUS	5.3000e-005	1.2000e-005
tblVehicleEF	SBUS	1.3170e-003	0.08
tblVehicleEF	SBUS	0.01	2.2120e-003
tblVehicleEF	SBUS	0.53	0.48
tblVehicleEF	SBUS	4.7600e-004	0.00
tblVehicleEF	SBUS	0.01	3.9470e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2970e-003	1.8800e-004
tblVehicleEF	SBUS	5.7360e-003	1.5840e-003
tblVehicleEF	SBUS	3.52	5.41
tblVehicleEF	SBUS	0.14	0.04
tblVehicleEF	SBUS	0.65	0.13
tblVehicleEF	SBUS	271.79	828.75
tblVehicleEF	SBUS	775.35	457.89
tblVehicleEF	SBUS	4.70	1.08
tblVehicleEF	SBUS	0.04	0.12
tblVehicleEF	SBUS	0.09	0.07

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

tblVehicleEF	SBUS	5.7790e-003	1.1780e-003
tblVehicleEF	SBUS	1.14	2.43
tblVehicleEF	SBUS	0.89	0.10
tblVehicleEF	SBUS	1.91	0.27
tblVehicleEF	SBUS	2.6100e-004	1.0380e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.1960e-003
tblVehicleEF	SBUS	9.6000e-005	2.2000e-005
tblVehicleEF	SBUS	2.4900e-004	9.9300e-004
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.6980e-003
tblVehicleEF	SBUS	5.2300e-003	1.1380e-003
tblVehicleEF	SBUS	8.8000e-005	2.0000e-005
tblVehicleEF	SBUS	3.3650e-003	0.09
tblVehicleEF	SBUS	0.01	2.4290e-003
tblVehicleEF	SBUS	0.37	0.35
tblVehicleEF	SBUS	1.1980e-003	0.00
tblVehicleEF	SBUS	0.01	3.1950e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.03	7.6630e-003
tblVehicleEF	SBUS	2.5990e-003	8.7440e-003
tblVehicleEF	SBUS	7.4370e-003	4.2270e-003
tblVehicleEF	SBUS	4.7000e-005	1.1000e-005
tblVehicleEF	SBUS	3.3650e-003	0.09
tblVehicleEF	SBUS	0.01	2.4290e-003
tblVehicleEF	SBUS	0.53	0.48
tblVehicleEF	SBUS	1.1980e-003	0.00
tblVehicleEF	SBUS	0.01	4.0160e-003

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

tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.04	8.3900e-003
tblVehicleEF	SBUS	0.08	0.06
tblVehicleEF	SBUS	1.2200e-003	1.8800e-004
tblVehicleEF	SBUS	8.6030e-003	1.5840e-003
tblVehicleEF	SBUS	3.55	5.52
tblVehicleEF	SBUS	0.13	0.04
tblVehicleEF	SBUS	1.34	0.27
tblVehicleEF	SBUS	278.85	828.75
tblVehicleEF	SBUS	775.34	457.89
tblVehicleEF	SBUS	5.85	1.08
tblVehicleEF	SBUS	0.04	0.12
tblVehicleEF	SBUS	0.09	0.07
tblVehicleEF	SBUS	6.5000e-003	1.1780e-003
tblVehicleEF	SBUS	1.29	2.74
tblVehicleEF	SBUS	0.97	0.11
tblVehicleEF	SBUS	1.92	0.27
tblVehicleEF	SBUS	3.3900e-004	1.3480e-003
tblVehicleEF	SBUS	0.74	0.03
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4890e-003	1.1960e-003
tblVehicleEF	SBUS	9.6000e-005	2.2000e-005
tblVehicleEF	SBUS	3.2400e-004	1.2900e-003
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	2.6430e-003	2.6980e-003
tblVehicleEF	SBUS	5.2300e-003	1.1380e-003
tblVehicleEF	SBUS	8.8000e-005	2.0000e-005
tblVehicleEF	SBUS	4.3300e-004	0.08
tblVehicleEF	SBUS	0.01	1.9970e-003

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

tblVehicleEF	SBUS	0.37	0.34
tblVehicleEF	SBUS	2.1300e-004	0.00
tblVehicleEF	SBUS	0.01	3.1130e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	2.6650e-003	9.0410e-003
tblVehicleEF	SBUS	7.4370e-003	4.2270e-003
tblVehicleEF	SBUS	5.8000e-005	1.3000e-005
tblVehicleEF	SBUS	4.3300e-004	0.08
tblVehicleEF	SBUS	0.01	1.9970e-003
tblVehicleEF	SBUS	0.53	0.47
tblVehicleEF	SBUS	2.1300e-004	0.00
tblVehicleEF	SBUS	0.01	3.8960e-003
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	5.59	0.03
tblVehicleEF	UBUS	2.46	0.62
tblVehicleEF	UBUS	1,389.01	0.00
tblVehicleEF	UBUS	22.32	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.49	1.0770e-003
tblVehicleEF	UBUS	0.24	0.03
tblVehicleEF	UBUS	0.11	0.06
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005

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

tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	1.1870e-003	0.03
tblVehicleEF	UBUS	0.01	2.3130e-003
tblVehicleEF	UBUS	5.2600e-004	0.00
tblVehicleEF	UBUS	0.02	2.2100e-004
tblVehicleEF	UBUS	2.6500e-003	5.5710e-003
tblVehicleEF	UBUS	0.14	9.2410e-003
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.2100e-004	3.3000e-005
tblVehicleEF	UBUS	1.1870e-003	0.03
tblVehicleEF	UBUS	0.01	2.3130e-003
tblVehicleEF	UBUS	5.2600e-004	0.00
tblVehicleEF	UBUS	0.79	3.2300e-004
tblVehicleEF	UBUS	2.6500e-003	5.5710e-003
tblVehicleEF	UBUS	0.15	0.01
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.03	0.00
tblVehicleEF	UBUS	5.59	0.04
tblVehicleEF	UBUS	1.93	0.49
tblVehicleEF	UBUS	1,389.01	0.00
tblVehicleEF	UBUS	21.43	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00
tblVehicleEF	UBUS	0.48	9.1000e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	0.11	0.06

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

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	3.2490e-003	0.06
tblVehicleEF	UBUS	0.02	2.6260e-003
tblVehicleEF	UBUS	1.4940e-003	0.00
tblVehicleEF	UBUS	0.02	2.2900e-004
tblVehicleEF	UBUS	2.5540e-003	5.9440e-003
tblVehicleEF	UBUS	0.12	8.0320e-003
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.1200e-004	3.1000e-005
tblVehicleEF	UBUS	3.2490e-003	0.06
tblVehicleEF	UBUS	0.02	2.6260e-003
tblVehicleEF	UBUS	1.4940e-003	0.00
tblVehicleEF	UBUS	0.79	3.3400e-004
tblVehicleEF	UBUS	2.5540e-003	5.9440e-003
tblVehicleEF	UBUS	0.13	8.7940e-003
tblVehicleEF	UBUS	0.77	0.00
tblVehicleEF	UBUS	0.04	0.00
tblVehicleEF	UBUS	5.59	0.03
tblVehicleEF	UBUS	3.06	0.74
tblVehicleEF	UBUS	1,389.00	0.00
tblVehicleEF	UBUS	23.34	0.00
tblVehicleEF	UBUS	0.17	0.00
tblVehicleEF	UBUS	0.02	0.00

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

tblVehicleEF	UBUS	0.50	1.1650e-003
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	0.11	0.06
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.8380e-003	7.7000e-005
tblVehicleEF	UBUS	2.7100e-004	1.4000e-005
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.6220e-003	5.7130e-003
tblVehicleEF	UBUS	3.6510e-003	7.1000e-005
tblVehicleEF	UBUS	2.5000e-004	1.3000e-005
tblVehicleEF	UBUS	3.2200e-004	0.03
tblVehicleEF	UBUS	0.01	2.0420e-003
tblVehicleEF	UBUS	2.0100e-004	0.00
tblVehicleEF	UBUS	0.02	2.1400e-004
tblVehicleEF	UBUS	3.2920e-003	5.7350e-003
tblVehicleEF	UBUS	0.16	0.01
tblVehicleEF	UBUS	0.01	4.9500e-004
tblVehicleEF	UBUS	2.3100e-004	3.5000e-005
tblVehicleEF	UBUS	3.2200e-004	0.03
tblVehicleEF	UBUS	0.01	2.0420e-003
tblVehicleEF	UBUS	2.0100e-004	0.00
tblVehicleEF	UBUS	0.79	3.1200e-004
tblVehicleEF	UBUS	3.2920e-003	5.7350e-003
tblVehicleEF	UBUS	0.18	0.01
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CC_TTP	88.60	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CNW_TTP	5.00	0.00
tblVehicleTrips	CW_TL	9.50	0.00

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

tblVehicleTrips	CW_TTP	6.40	0.00
tblVehicleTrips	DV_TP	9.00	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblVehicleTrips	HW_TL	0.00	14.66
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	91.00	100.00
tblVehicleTrips	ST_TR	8.14	0.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	10.71	0.00
tblVehicleTrips	ST_TR	6.22	0.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	80.09	0.00
tblVehicleTrips	ST_TR	99.32	0.00
tblVehicleTrips	ST_TR	1.90	0.00
tblVehicleTrips	ST_TR	1.30	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	6.28	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	10.71	0.00
tblVehicleTrips	SU_TR	5.84	0.00

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

tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	42.09	0.00
tblVehicleTrips	SU_TR	81.93	0.00
tblVehicleTrips	SU_TR	1.11	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	7.32	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	10.71	0.00
tblVehicleTrips	WD_TR	47.62	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	33.98	0.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	72.05	0.00
tblVehicleTrips	WD_TR	78.09	0.00
tblVehicleTrips	WD_TR	11.26	0.00
tblVehicleTrips	WD_TR	1.56	1.80
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	162,885.06	0.00
tblWater	IndoorWaterUseRate	27,364,690.76	0.00
tblWater	IndoorWaterUseRate	6,461,551.76	0.00
tblWater	IndoorWaterUseRate	428,895.67	0.00
tblWater	IndoorWaterUseRate	8,556,250.00	0.00

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

tblWater	IndoorWaterUseRate	127,630,604.43	0.00
tblWater	IndoorWaterUseRate	8,939,685.86	0.00
tblWater	IndoorWaterUseRate	16,146,078.32	0.00
tblWater	IndoorWaterUseRate	10,623,679.94	0.00
tblWater	IndoorWaterUseRate	1,851,774.21	0.00
tblWater	IndoorWaterUseRate	8,760,894.34	0.00
tblWater	IndoorWaterUseRate	54,617,798.80	0.00
tblWater	IndoorWaterUseRate	14,750,818.42	0.00
tblWater	IndoorWaterUseRate	42,822,000.00	44,000,000.00
tblWater	IndoorWaterUseRate	925,000.00	0.00
tblWater	OutdoorWaterUseRate	102,688.41	0.00
tblWater	OutdoorWaterUseRate	17,251,652.87	0.00
tblWater	OutdoorWaterUseRate	412,439.47	0.00
tblWater	OutdoorWaterUseRate	1,102,874.59	0.00
tblWater	OutdoorWaterUseRate	78,225,209.17	0.00
tblWater	OutdoorWaterUseRate	5,479,162.30	0.00
tblWater	OutdoorWaterUseRate	9,895,983.49	0.00
tblWater	OutdoorWaterUseRate	678,107.23	0.00
tblWater	OutdoorWaterUseRate	205,752.69	0.00
tblWater	OutdoorWaterUseRate	13,702,937.31	0.00
tblWater	OutdoorWaterUseRate	3,486,242.48	0.00
tblWater	OutdoorWaterUseRate	66,978,000.00	36,500,000.00
tblWoodstoves	NumberCatalytic	0.13	0.00
tblWoodstoves	NumberCatalytic	21.00	0.00
tblWoodstoves	NumberNoncatalytic	0.13	0.00
tblWoodstoves	NumberNoncatalytic	21.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

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

tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Placer Center Operational Phases 1-4 - Placer-Sacramento 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					
2022	0.0000	0.0000	0.0000	0.0000	18.0663	0.0000	18.0663	9.9307	0.0000	9.9307	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	18.0663	0.0000	18.0663	9.9307	0.0000	9.9307	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2024	0.0000	0.0000	0.0000	0.0000	6.0221	0.0000	6.0221	3.3102	0.0000	3.3102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	0.2663	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	205.7830	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**205.7830**	**0.0000**	**0.0000**	**0.0000**	**18.0663**	**0.0000**	**18.0663**	**9.9307**	**0.0000**	**9.9307**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.1 Overall Construction (Maximum Daily Emission)

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	18.0663	0.0000	18.0663	9.9307	0.0000	9.9307	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2023	0.0000	0.0000	0.0000	0.0000	18.0663	0.0000	18.0663	9.9307	0.0000	9.9307	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2024	0.0000	0.0000	0.0000	0.0000	6.0221	0.0000	6.0221	3.3102	0.0000	3.3102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2028	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2034	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2036	0.2663	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2037	205.7830	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**205.7830**	**0.0000**	**0.0000**	**0.0000**	**18.0663**	**0.0000**	**18.0663**	**9.9307**	**0.0000**	**9.9307**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento 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	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

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	96.4235	0.4264	37.5739	2.0600e-003		0.2035	0.2035		0.2035	0.2035	0.0000	68.9554	68.9554	0.0757	0.0000	70.8477
Energy	0.0616	0.5601	0.4705	3.3600e-003		0.0426	0.0426		0.0426	0.0426		672.1596	672.1596	0.0129	0.0123	676.1539
Mobile	174.7586	130.5600	1,319.3977	3.2734	371.8922	1.2145	373.1068	92.7200	1.1392	93.8592		291,697.8346	291,697.8346	10.9907	11.8664	295,508.7740
Total	**271.2437**	**131.5465**	**1,357.4421**	**3.2788**	**371.8922**	**1.4606**	**373.3528**	**92.7200**	**1.3853**	**94.1052**	**0.0000**	**292,438.9495**	**292,438.9495**	**11.0792**	**11.8787**	**296,255.7756**

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	96.4235	0.4264	37.5739	2.0600e-003		0.2035	0.2035		0.2035	0.2035	0.0000	68.9554	68.9554	0.0757	0.0000	70.8477
Energy	0.0616	0.5601	0.4705	3.3600e-003		0.0426	0.0426		0.0426	0.0426		672.1596	672.1596	0.0129	0.0123	676.1539
Mobile	174.7586	130.5600	1,319.3977	3.2734	371.8922	1.2145	373.1068	92.7200	1.1392	93.8592		291,697.8346	291,697.8346	10.9907	11.8664	295,508.7740
Total	**271.2437**	**131.5465**	**1,357.4421**	**3.2788**	**371.8922**	**1.4606**	**373.3528**	**92.7200**	**1.3853**	**94.1052**	**0.0000**	**292,438.9495**	**292,438.9495**	**11.0792**	**11.8787**	**296,255.7756**

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	Site Preparation	Site Preparation	10/4/2022	3/20/2023	5	120	
2	Grading	Grading	3/21/2023	5/27/2024	5	310	
3	Building Construction	Building Construction	5/28/2024	4/14/2036	5	3100	
4	Paving	Paving	4/15/2036	2/16/2037	5	220	
5	Architectural Coating	Architectural Coating	2/17/2037	12/21/2037	5	220	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 59.73

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,206,144; Non-Residential Outdoor: 2,402,048; Striped Parking Area: 159,288 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48

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

Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**18.0663**	**0.0000**	**18.0663**	**9.9307**	**0.0000**	**9.9307**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.2 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**18.0663**	**0.0000**	**18.0663**	**9.9307**	**0.0000**	**9.9307**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**18.0663**	**0.0000**	**18.0663**	**9.9307**	**0.0000**	**9.9307**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**18.0663**	**0.0000**	**18.0663**	**9.9307**	**0.0000**	**9.9307**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**6.0221**	**0.0000**	**6.0221**	**3.3102**	**0.0000**	**3.3102**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.3 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**6.0221**	**0.0000**	**6.0221**	**3.3102**	**0.0000**	**3.3102**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**6.0221**	**0.0000**	**6.0221**	**3.3102**	**0.0000**	**3.3102**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.3 Grading - 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	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**6.0221**	**0.0000**	**6.0221**	**3.3102**	**0.0000**	**3.3102**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 Building Construction - 2027

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.4 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.4 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Paving	0.2663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2663**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.5 Paving - 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	0.2663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2663**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.5 Paving - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Paving	0.2663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2663**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

3.5 Paving - 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	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	0.2663					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2663**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.6 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	205.7830					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**205.7830**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

3.6 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	lb/day										lb/day					
Archit. Coating	205.7830					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**205.7830**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	174.7586	130.5600	1,319.3977	3.2734	371.8922	1.2145	373.1068	92.7200	1.1392	93.8592		291,697.8346	291,697.8346	10.9907	11.8664	295,508.7740
Unmitigated	174.7586	130.5600	1,319.3977	3.2734	371.8922	1.2145	373.1068	92.7200	1.1392	93.8592		291,697.8346	291,697.8346	10.9907	11.8664	295,508.7740

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low 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		
Arena	0.00	0.00	0.00		
Day-Care Center	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Government (Civic Center)	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Library	0.00	0.00	0.00		

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

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Movie Theater (No Matinee)	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Research & Development	0.00	0.00	0.00		
University/College (4yr)	36,000.00	0.00	0.00	137,217,600	137,217,600
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	36,000.00	0.00	0.00	137,217,600	137,217,600

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 Low Rise	0.00	0.00	0.00	42.60	21.00	36.40	86	11	3
Apartments Mid Rise	0.00	0.00	0.00	42.60	21.00	36.40	86	11	3
Apartments Mid Rise	0.00	0.00	0.00	42.60	21.00	36.40	86	11	3
Arena	9.50	7.30	7.30	0.00	81.00	19.00	66	28	6
Day-Care Center	9.50	7.30	7.30	12.70	82.30	5.00	28	58	14
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Movie Theater (No Matinee)	9.50	7.30	7.30	1.80	79.20	19.00	66	17	17
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Research & Development	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3
University/College (4yr)	0.00	0.00	0.00	0.00	0.00	0.00	100	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Apartments Mid Rise	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Arena	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Day-Care Center	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Enclosed Parking with Elevator	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
General Light Industry	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
General Office Building	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Government (Civic Center)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Health Club	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
High Turnover (Sit Down Restaurant)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Hotel	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Library	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Movie Theater (No Matinee)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Parking Lot	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Research & Development	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
University/College (4yr)	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750
Unrefrigerated Warehouse-No Rail	0.491808	0.066219	0.211655	0.137633	0.021526	0.006346	0.020696	0.010921	0.000465	0.000604	0.028626	0.000751	0.002750

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kilowatt Hours of Renewable Electricity Generated

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	0.0616	0.5601	0.4705	3.3600e-003		0.0426	0.0426		0.0426	0.0426		672.1596	672.1596	0.0129	0.0123	676.1539
NaturalGas Unmitigated	0.0616	0.5601	0.4705	3.3600e-003		0.0426	0.0426		0.0426	0.0426		672.1596	672.1596	0.0129	0.0123	676.1539

5.2 Energy by Land Use - NaturalGas

Unmitigated

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

	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 Low Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Arena	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	5713.36	0.0616	0.5601	0.4705	3.3600e-003		0.0426	0.0426		0.0426	0.0426		672.1596	672.1596	0.0129	0.0123	676.1539
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0616**	**0.5601**	**0.4705**	**3.3600e-003**		**0.0426**	**0.0426**		**0.0426**	**0.0426**		**672.1596**	**672.1596**	**0.0129**	**0.0123**	**676.1539**

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

Placer Center Operational Phases 1-4 - Placer-Sacramento County, Summer

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

	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 Low Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Arena	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Day-Care Center	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Library	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Movie Theater (No Matinee)	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Research & Development	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
University/College (4yr)	5.71336	0.0616	0.5601	0.4705	3.3600e-003		0.0426	0.0426		0.0426	0.0426		672.1596	672.1596	0.0129	0.0123	676.1539
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0616**	**0.5601**	**0.4705**	**3.3600e-003**		**0.0426**	**0.0426**		**0.0426**	**0.0426**		**672.1596**	**672.1596**	**0.0129**	**0.0123**	**676.1539**

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

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	96.4235	0.4264	37.5739	2.0600e-003		0.2035	0.2035		0.2035	0.2035	0.0000	68.9554	68.9554	0.0757	0.0000	70.8477
Unmitigated	96.4235	0.4264	37.5739	2.0600e-003		0.2035	0.2035		0.2035	0.2035	0.0000	68.9554	68.9554	0.0757	0.0000	70.8477

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6028					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.5201					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	1.3006	0.4264	37.5739	2.0600e-003		0.2035	0.2035		0.2035	0.2035		68.9554	68.9554	0.0757		70.8477
Total	**96.4234**	**0.4264**	**37.5739**	**2.0600e-003**		**0.2035**	**0.2035**		**0.2035**	**0.2035**	**0.0000**	**68.9554**	**68.9554**	**0.0757**	**0.0000**	**70.8477**

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	10.6028					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	84.5201					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	1.3006	0.4264	37.5739	2.0600e-003		0.2035	0.2035		0.2035	0.2035		68.9554	68.9554	0.0757		70.8477
Total	**96.4234**	**0.4264**	**37.5739**	**2.0600e-003**		**0.2035**	**0.2035**		**0.2035**	**0.2035**	**0.0000**	**68.9554**	**68.9554**	**0.0757**	**0.0000**	**70.8477**

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

User Input Page

orange cells denote cells for user to input data

Construction *Phase 1*

Construction Start Year 2023

User User Needs to paste 3 tables from Caleemod output

These tables are in Section 3.0 Construction Detail

1. Construction Phase
2. Trips and VMT ='USER INPUT'!'USER INPUT'!D:DD59
3. Offroad Equipment

In section **3.0 Construction Detail from CalEEMod output,** paste three tables: the *Construction Phase* , *Trips and VMT* and *Offroad Equipment* tables

Best practice. Save the CalEEMout output as PDF, then, open the PDF in the Adobe App, highlight the tables, right click "copy formatting", then paste below.

See example to the right.

Note that this "copy formatting" function only works in the Adobe app. It does not work if viewing the PDF directly in Chrome or Edge. Download the PDF to your computer, if necessary.

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name		Phase Type			Num Days/week	Days/Phase
1	Site Preparation		Site Preparation	7/1/2023	8/25/2023	5	40
2	Grading		Grading	8/26/2023	1/26/2024	5	110
3	Building Construction		Building Construction	1/27/2024	4/28/2028	5	1110
4	Paving		Paving	4/29/2028	8/11/2028	5	75
5	Architectural Coating		Architectural Coating	8/12/2028	11/24/2028	5	75

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	14	35.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	257.00	102.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	51.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	4	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar	2	8.00	9	0.56
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
Paving	Tractors/Loaders/Backh	2	8.00	97	0.37
Architectural Coating	Air Compressors	4	6.00	78	0.48

Energy Calculations Summary Page

Phase 1

Construction

Phase Name	Gas (gal)	Diesel (gal)
Offroad		226,946
Trucks		4,920
Worker Commute	169,619	
Total	**169,619**	**231,866**

Construction Offroad Calculations: *Phase 1*

Nothing for the user to do here.

This tab calculates fuel consumption from offroad equipment and schedule input in the USER INPUT tab

Fuel consumption calculated from OFFROAD based on fuel consumption divided by horsepower hours to generate an average for all epuipment output

Total =	226,946

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Days	total hp-hrs	Gallons per hp-hr	Gallons
Site Preparation	Rubber Tired Dozers	3	8	247	0.4	40	94848	0.027	2,607
Site Preparation	Tractors/Loaders/Ba	4	8	97	0.37	40	45939.2	0.027	1,263
Grading	Excavators	4	8	158	0.38	110	211340.8	0.027	5,809
Grading	Graders	2	8	187	0.41	110	134939.2	0.027	3,709
Grading	Rubber Tired Dozers	4	8	247	0.4	110	347776	0.027	9,559
Grading	Scrapers	2	8	367	0.48	110	310041.6	0.027	8,522
Grading	Tractors/Loaders/Ba	2	8	97	0.37	110	63166.4	0.027	1,736
Building Construction	Cranes	4	7	231	0.29	1110	2082049	0.027	57,229
Building Construction	Forklifts	4	8	89	0.2	1110	632256	0.027	17,379
Building Construction	Generator Sets	4	8	84	0.74	1110	2207923	0.027	60,689
Building Construction	Tractors/Loaders/Ba	4	7	97	0.37	1110	1115461	0.027	30,660
Building Construction	Welders	4	8	46	0.45	1110	735264	0.027	20,210
Paving	Cement and Mortar	2	8	9	0.56	75	6048	0.027	166
Paving	Pavers	2	8	130	0.42	75	65520	0.027	1,801
Paving	Paving Equipment	2	8	132	0.36	75	57024	0.027	1,567
Paving	Rollers	2	8	80	0.38	75	36480	0.027	1,003
Paving	Tractors/Loaders/Ba	2	8	97	0.37	75	43068	0.027	1,184
Architectural Coating	Air Compressors	4	6	78	0.48	75	67392	0.027	1,852
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Days	Phase Description
0	0	0	1/0/1900	1/0/1900	0	0	
1	Site Preparation	0	7/1/2023	7/1/2023	5	40	
2	Grading	0	8/26/2023	8/26/2023	5	110	
3	Building Construction	0	1/27/2024	1/27/2024	5	1110	
4	Paving	0	4/29/2028	4/29/2028	5	75	
5	Architectural Coating	0	8/12/2028	8/12/2028	5	75	
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0

Construction Mobile Calculations: *Phase 1*

Nothing for the user to do here.

Trips and VMT										
Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0	0	0	0	0	0	0	0	0
Site Preparation	7	18	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Grading	14	35	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Building Construction	20	257	102	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Paving	10	25	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	51	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

Nothing to do here. This Phase Calculates VMT by Type

Phase Name	Worker VMT	Vendor VMT	Haul VMT
Demolition	0	0	0
Site Preparation	302.4	0	0
Grading	588	0	0
Building Construction	4317.6	673.2	0
Paving	420	0	0
Architectural Coating	856.8	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Nothing to do here. This Looks up MPG by type based on the construction year

Phase Name	Year	Worker MPG	Vendor MPG	Haul MPG
Site Preparation	2023	26.16	7.31	5.94
Grading	2023	26.16	7.31	5.94
Building Construction	2023	26.16	7.31	5.94
Paving	2023	26.16	7.31	5.94
Architectural Coating	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94

Nothing to do here. This Phase Calculates Energy from Workers

Phase Name	Total gallons of gasoline	Total gallons of diesel
Demolition	0	
Site Preparation	7,910	
Grading	15,380	
Building Construction	112,933	
Paving	10,986	
Architectural Coating	22,411	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
	169,619	

Nothing to do here. This Phase Calculates Energy from Trucks

Phase Name	Total gallons of gasoline	Total gallons of diesel
Site Preparation		0
Grading		0
Building Construction		0
Paving		4,920
Architectural Coating		0
0		0
0		0
0		0
0		0
0		0
0		0
0		0
		4,920

Construction Worker Commute MPG Estimate

Nothing for the user to do here.

Summary By Year	Gasoline mpg
2000	20.72
2001	20.87
2002	21.05
2003	21.12
2004	21.15
2005	21.25
2006	21.29
2007	21.37
2008	21.43
2009	21.27
2010	21.50
2011	21.69
2012	21.96
2013	22.30
2014	22.67
2015	23.11
2016	23.57
2017	23.93
2018	24.27
2019	24.55
2020	24.73
2021	25.21
2022	25.66
2023	26.16
2024	26.70
2025	27.28
2026	27.86
2027	28.41
2028	28.95
2029	29.47
2030	29.96
2031	30.42
2032	30.85
2033	31.24
2034	31.61
2035	31.94
2036	32.24
2037	32.51
2038	32.75
2039	32.95
2040	33.13
2041	33.29
2042	33.42
2043	33.54
2044	33.63
2045	33.71
2046	33.78
2047	33.83
2048	33.88
2049	33.92
2050	33.95

Splits from caleemod	
LDA	50%
LDT1	25%
LDT2	25%

EMFAC OUTPUT
Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population (Vehicles)	Total VMT (Daily)	Combustion VMT (daily)	Electric VMT (Daily)	Trips/day	EV Kwh/day	Fuel Consumption (1000	Gasoline Gallons/day	MPG	MPG Weighting for Summary
Statewide Totals	2000	LDA	Aggregate	Aggregate	Gasoline	12975810	471611911.4	471611911.4	0	60588684.54	0	20516.23	20,516,230	22.99	11.49363023
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Gasoline	2319618.6	78517211.39	78517211.39	0	10534753.99	0	3922.369	3,922,369	20.02	5.004450222
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Gasoline	3662790.1	139664976.6	139664976.6	0	17446453.35	0	8279.711	8,279,711	16.87	4.2170851
Statewide Totals	2001	LDA	Aggregate	Aggregate	Gasoline	13308544	470242123.6	470242123.6	0	62270349.67	0	20262	20,261,999	23.21	11.60404089
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Gasoline	2278707.9	74688562.89	74688562.89	0	10357792.76	0	3717.996	3,717,996	20.09	5.022097536
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Gasoline	3920021.4	144945820.5	144945820.5	0	18709138.01	0	8536.151	8,536,151	16.98	4.245057641
Statewide Totals	2002	LDA	Aggregate	Aggregate	Gasoline	13337654	489768886.2	489768886.2	0	62474621.21	0	20891.4	20,891,400	23.44	11.7217823
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Gasoline	2148790.3	73247238.67	73247238.67	0	9780555.43	0	3623.053	3,623,053	20.22	5.054247725
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Gasoline	3918885.9	149373101.5	149373101.5	0	18684596.2	0	8741.187	8,741,187	17.09	4.272105528
Statewide Totals	2003	LDA	Aggregate	Aggregate	Gasoline	13289987	475681261.1	475681261.1	0	62230478.6	0	20188.22	20,188,222	23.56	11.78115803
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Gasoline	2113483.2	69150105.48	69150105.48	0	9563720.468	0	3422.43	3,422,430	20.20	5.051243964
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Gasoline	4205849.4	156093679.6	156093679.6	0	20045006	0	9098.822	9,098,822	17.16	4.28884293
Statewide Totals	2004	LDA	Aggregate	Aggregate	Gasoline	13615726	474894518.6	474894518.6	0	63711787.26	0	20162.36	20,162,360	23.55	11.77675932
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Gasoline	2016966.8	63407313.17	63407313.17	0	9072281.745	0	3142.455	3,142,455	20.18	5.044409232
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Gasoline	4427127.3	160266368.7	160266368.7	0	21093497.06	0	9263.983	9,263,983	17.30	4.324985499
Statewide Totals	2005	LDA	Aggregate	Aggregate	Gasoline	13394011	468748489.1	468748489.1	0	62846346.39	0	19824.99	19,824,985	23.64	11.82216502
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Gasoline	1930843	59325460.71	59325460.71	0	8632923.912	0	2936.383	2,936,383	20.20	5.050896808
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Gasoline	4491068	162347131.8	162347131.8	0	21437526.95	0	9269.614	9,269,614	17.51	4.378475905
Statewide Totals	2006	LDA	Aggregate	Aggregate	Gasoline	13511187	461129254	461129254	0	63396760.88	0	19496.15	19,496,150	23.65	11.8261619
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Gasoline	1884731.6	55555554.12	55555554.12	0	8375968.614	0	2749.635	2,749,635	20.20	5.051174936
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Gasoline	4533327.2	158512879.8	158512879.8	0	21589219.61	0	8981.543	8,981,543	17.65	4.412183856
Statewide Totals	2007	LDA	Aggregate	Aggregate	Gasoline	13518233	456342218.9	456342218.9	0	63474357.69	0	19235.68	19,235,683	23.72	11.8618668
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Gasoline	1808196.5	52115470.46	52115470.46	0	8004644.001	0	2574.685	2,574,685	20.24	5.060373043
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Gasoline	4605095.4	158249117.2	158249117.2	0	21902432.67	0	8889.164	8,889,164	17.80	4.450618734
Statewide Totals	2008	LDA	Aggregate	Aggregate	Gasoline	13291596	437604642.1	437604642.1	0	62347769.15	0	18419.82	18,419,822	23.76	11.87863404
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Gasoline	1764504.2	50303575.98	50303575.98	0	7833550.083	0	2476.568	2,476,568	20.31	5.077951454
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Gasoline	4573823	151904459.6	151904459.6	0	21660972.09	0	8490.782	8,490,782	17.89	4.472628896
Statewide Totals	2009	LDA	Aggregate	Aggregate	Gasoline	13178663	433497119.1	433497119.1	0	61570530.61	0	18398.75	18,398,751	23.56	11.7806128
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Gasoline	1687519.2	48512286.25	48512286.25	0	7480952.92	0	2404.227	2,404,227	20.18	5.044479453
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Gasoline	4539096.6	149799400.1	149799400.1	0	21361890.07	0	8432.176	8,432,176	17.77	4.441303056
Statewide Totals	2010	LDA	Aggregate	Aggregate	Gasoline	13034486	443052047.8	443052047.8	0	60728533.69	0	18590.06	18,590,057	23.83	11.91637164
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Gasoline	1631795.4	48585578.49	48585578.49	0	7217402.283	0	2387.937	2,387,937	20.35	5.086564337
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Gasoline	4539398.6	154081676.2	154081676.2	0	21253478.45	0	8570.865	8,570,865	17.98	4.494344329
Statewide Totals	2011	LDA	Aggregate	Aggregate	Gasoline	12971612	440985043.2	440985043.2	0	60326141.16	0	18338.86	18,338,858	24.05	12.02324163
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Gasoline	1538031.3	45260246.32	45260246.32	0	6757553.648	0	2217.304	2,217,304	20.41	5.103071065
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Gasoline	4629309.3	157050899.3	157050899.3	0	21614427.07	0	8605.074	8,605,074	18.25	4.562741243
Statewide Totals	2012	LDA	Aggregate	Aggregate	Gasoline	13123742	448579153.5	448579153.5	0	61007955.1	0	18414.04	18,414,042	24.36	12.18035523
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Gasoline	1495749	44087669.36	44087669.36	0	6555115.773	0	2140.364	2,140,364	20.60	5.14955361
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Gasoline	4710185.7	159856016.2	159856016.2	0	21936673.31	0	8632.117	8,632,117	18.52	4.629687491
Statewide Totals	2013	LDA	Aggregate	Aggregate	Gasoline	13410044	460981225.1	460981225.1	0	62351338.19	0	18623.82	18,623,819	24.75	12.37611947
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Gasoline	1476705.4	43684740.63	43684740.63	0	6465722.676	0	2095.323	2,095,323	20.85	5.212173823
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Gasoline	4879350.7	166070517.3	166070517.3	0	22705560.47	0	8812.588	8,812,588	18.84	4.711173434
Statewide Totals	2014	LDA	Aggregate	Aggregate	Gasoline	13609448	474015888.9	474015888.9	0	63353028.53	0	18848.24	18,848,235	25.15	12.57454283
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Gasoline	1443740.8	43518043.86	43518043.86	0	6348191.186	0	2052.956	2,052,956	21.20	5.299437024
Statewide Totals	2014	LDT2	Aggregate	Aggregate	Gasoline	5024240.2	172405408.2	172405408.2	0	23359456.44	0	8985.447	8,985,447	19.19	4.796795331
Statewide Totals	2015	LDA	Aggregate	Aggregate	Gasoline	13950023	501705189.7	501705189.7	0	65070535.37	0	19591.69	19,591,694	25.61	12.80402759
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Gasoline	1517351.5	48349819.81	48349819.81	0	6731863.228	0	2221.926	2,221,926	21.76	5.440079602
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Gasoline	5118410.8	178399337.1	178399337.1	0	23711717.75	0	9168.528	9,168,528	19.46	4.864448461
Statewide Totals	2016	LDA	Aggregate	Aggregate	Gasoline	13947603	537137077.2	537137077.2	0	65141591.28	0	20585.09	20,585,085	26.09	13.04675365
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Gasoline	1517821.5	52647459.69	52647459.69	0	6776157.181	0	2361.341	2,361,341	22.30	5.573894354
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Gasoline	4986778.3	184223198.1	184223198.1	0	23042596.88	0	9300.721	9,300,721	19.81	4.951852751
Statewide Totals	2017	LDA	Aggregate	Aggregate	Gasoline	14039797	522168808.9	522168808.9	0	65699639.57	0	19730.11	19,730,105	26.47	13.23279334
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Gasoline	1521398.9	50202272.56	50202272.56	0	6771081.246	0	2236.859	2,236,859	22.44	5.610799102
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Gasoline	5407712.4	195153404.9	195153404.9	0	25120589.75	0	9590.224	9,590,224	20.35	5.087300564
Statewide Totals	2018	LDA	Aggregate	Aggregate	Gasoline	13941722	518760540.9	518760540.9	0	65176045.58	0	19362.52	19,362,515	26.79	13.39600069
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Gasoline	1489629.2	49263752.23	49263752.23	0	6627585.669	0	2169.801	2,169,801	22.70	5.676069152
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Gasoline	5563436.7	202680869.1	202680869.1	0	25889042.91	0	9748.538	9,748,538	20.79	5.197724538
Statewide Totals	2019	LDA	Aggregate	Aggregate	Gasoline	13805991	513542901.4	513542901.4	0	64465681.77	0	18954.62	18,954,624	27.09	13.54663886
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Gasoline	1540249.4	49062094.83	49062094.83	0	6750703.06	0	2161.819	2,161,819	22.69	5.673704326
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Gasoline	5806444.3	215050597.7	215050597.7	0	27151190.2	0	10090.86	10,090,863	21.31	5.327854536
Statewide Totals	2020	LDA	Aggregate	Aggregate	Gasoline	13489082	443837354.9	443837354.9	0	62803005.39	0	16273.28	16,273,279	27.27	13.63699805
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Gasoline	1481704.8	41864928.04	41864928.04	0	6473871.542	0	1836.136	1,836,136	22.80	5.70014021
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Gasoline	5815850.1	191758272.6	191758272.6	0	27160595.35	0	8882.65	8,882,650	21.59	5.39698953
Statewide Totals	2021	LDA	Aggregate	Aggregate	Gasoline	13261741	508431764.6	508431764.6	0	61620786.49	0	18311.2	18,311,197	27.77	13.88308411
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Gasoline	1431765.1	47246754.96	47246754.96	0	6242428.765	0	2037.585	2,037,585	23.19	5.796904905
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Gasoline	5866044.7	226498420.2	226498420.2	0	27380953.24	0	10233.37	10,233,366	22.13	5.533331279
Statewide Totals	2022	LDA	Aggregate	Aggregate	Gasoline	13143383	510193142.8	510193142.8	0	61016807.1	0	18072.11	18,072,106	28.23	14.11548652
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Gasoline	1390471.9	46559751.09	46559751.09	0	6056811.239	0	1979.607	1,979,607	23.52	5.879922813
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Gasoline	5974705.2	234480220.8	234480220.8	0	27900439.71	0	10346.59	10,346,587	22.66	5.66564166
Statewide Totals	2023	LDA	Aggregate	Aggregate	Gasoline	13036208	510256808.6	510256808.6	0	60476336.1	0	17745.3	17,745,304	28.75	14.37723482
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Gasoline	1352184.6	45737125.5	45737125.5	0	5886606.993	0	1914.263	1,914,263	23.89	5.973203681
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Gasoline	6085858.7	241447853.3	241447853.3	0	28427213.93	0	10396.52	10,396,519	23.22	5.805978328
Statewide Totals	2024	LDA	Aggregate	Aggregate	Gasoline	12932359	508129292.9	508129292.9	0	59956651.18	0	17319.74	17,319,737	29.34	14.66908253
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Gasoline	1316921.6	44795753.09	44795753.09	0	5731283.119	0	1842.694	1,842,694	24.31	6.077482856
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Gasoline	6196167.7	247080529.8	247080529.8	0	28942872.05	0	10373.49	10,373,487	23.82	5.954616283
Statewide Totals	2025	LDA	Aggregate	Aggregate	Gasoline	12837663	503812695	503812695	0	59480990.17	0	16815.89	16,815,895	29.96	14.98025233
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Gasoline	1284221.6	43707488.99	43707488.99	0	5587632.307	0	1765.785	1,765,785	24.75	6.188109696
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Gasoline	6307223.7	251275667.7	251275667.7	0	29454216.16	0	10286.47	10,286,468	24.43	6.106946935
Statewide Totals	2026	LDA	Aggregate	Aggregate	Gasoline	12771098	500207112.7	500207112.7	0	59152857.36	0	16345.16	16,345,163	30.60	15.30138018
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Gasoline	1253937.2	42656830.63	42656830.63	0	5456152.65	0	1692.107	1,692,107	25.21	6.302323132
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Gasoline	6421310.2	254927112.9	254927112.9	0	29974809.56	0	10188.38	10,188,380	25.02	6.255339919
Statewide Totals	2027	LDA	Aggregate	Aggregate	Gasoline	12713197	497958751.9	497958751.9	0	58870070.55	0	15956.11	15,956,112	31.21	15.60401239
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Gasoline	1225903	41758052.73	41758052.73	0	5335951.785	0	1627.758	1,627,758	25.65	6.413432425
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Gasoline	6533169.8	258779163.7	258779163.7	0	30476806.19	0	10123.05	10,123,051	25.56	6.390838895
Statewide Totals	2028	LDA	Aggregate	Aggregate	Gasoline	12663213	495970018.1	495970018.1	0	58628535.93	0	15592.93	15,592,926	31.81	15.90368652
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Gasoline	1200266.3	40926999.05	40926999.05	0	5226264.453	0	1567.488	1,567,488	26.11	6.527481946
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Gasoline	6642218.7	262284437.4	262284437.4	0	30959233.65	0	10055.18	10,055,183	26.08	6.521125353
Statewide Totals	2029	LDA	Aggregate	Aggregate	Gasoline	12617064	494219801.3	494219801.3	0	58412990.62	0	15266.56	15,266,563	32.37	16.18634813
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Gasoline	1175800.9	40158563.69	40158563.69	0	5124068.226	0	1512.014	1,512,014	26.56	6.639912947
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Gasoline	6745633.9	265424505.8	265424505.8	0	31410485.89	0	9991.011	9,991,011	26.57	6.641583077
Statewide Totals	2030	LDA	Aggregate	Aggregate	Gasoline	12575248	492664868.9	492664868.9	0	58223662.58	0	14972.54	14,972,539	32.90	16.45228182
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Gasoline	1152397	39443600.95	39443600.95	0	5028509.505	0	1460.73	1,460,730	27.00	6.750668057
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Gasoline	6843054.7	268210579.7	268210579.7	0	31829791.61	0	9928.128	9,928,128	27.02	6.753805373
Statewide Totals	2031	LDA	Aggregate	Aggregate	Gasoline	12540563	491434775.7	491434775.7	0	58071999.05	0	14712.67	14,712,672	33.40	16.70107169
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Gasoline	1130193.3	38797045.6	38797045.6	0	4940595.543	0	1413.95	1,413,950	27.44	6.859693136
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Gasoline	6932398.1	270681334.8	270681334.8	0	32212704.77	0	9866.535	9,866,535	27.43	6.858571059
Statewide Totals	2032	LDA	Aggregate	Aggregate	Gasoline	12513071	490567212.3	490567212.3	0	57960125.66	0	14488.29	14,488,288	33.86	16.92978493
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Gasoline	1110385	38222875.08	38222875.08	0	4862360.696	0	1372.238	1,372,238	27.85	6.963603073
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Gasoline	7015202.5	272901844.5	272901844.5	0	32565469.68	0	9808.871	9,808,871	27.82	6.955485648
Statewide Totals	2033	LDA	Aggregate	Aggregate	Gasoline	12494333	490044152.4	490044152.4	0	57890194.11	0	14299.33	14,299,329	34.27	17.13521473
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Gasoline	1093114.1	37726555.22	37726555.22	0	4794437.6	0	1335.71	1,335,710	28.24	7.061144542
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Gasoline	7089140.6	274843228.8	274843228.8	0	32880363.78	0	9754.348	9,754,348	28.18	7.044120797
Statewide Totals	2034	LDA	Aggregate	Aggregate	Gasoline	12482174	489828263.9	489828263.9	0	57856507.45	0	14136.61	14,136,608	34.65	17.32481597
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Gasoline	1075761.6	37260627.88	37260627.88	0	4728819.368	0	1301.498	1,301,498	28.63	7.157256933
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Gasoline	7156982.6	276578794.5	276578794.5	0	33168275.2	0	9702.64	9,702,640	28.51	7.12637988
Statewide Totals	2035	LDA	Aggregate	Aggregate	Gasoline	12476484	489877319.5	489877319.5	0	57857637.79	0	14000.66	14,000,655	34.99	17.49479979
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Gasoline	1061126.7	36866506.85	36866506.85	0	4673216.428	0	1271.86	1,271,860	28.99	7.246574236
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Gasoline	7218592.4	278114294.6	278114294.6	0	33430020.03	0	9655.302	9,655,302	28.80	7.201077269
Statewide Totals	2036	LDA	Aggregate	Aggregate	Gasoline	12477791	490153384.7	490153384.7	0	57893988.12	0	13890.53	13,890,530	35.29	17.64343647
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Gasoline	1046982.9	36506486.09	36506486.09	0	4621147.973	0	1245.011	1,245,011	29.32	7.330553727
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Gasoline	7275368.7	279469127.7	279469127.7	0	33670259.04	0	9614.024	9,614,024	29.07	7.267225575
Statewide Totals	2037	LDA	Aggregate	Aggregate	Gasoline	12490536	490642603.9	490642603.9	0	57976254.27	0	13802.13	13,802,135	35.55	17.77415638

Statewide Totals	2037	LDT1	Aggregate	Aggregate	Gasoline	1035140	36202323.06	36202323.06	0	4577742.491	0	1221.663	1,221,663	29.63	7.408411446
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Gasoline	7328229.5	280661381	280661381	0	33892450.86	0	9576.673	9,576,673	29.31	7.326692895
Statewide Totals	2038	LDA	Aggregate	Aggregate	Gasoline	12511403	491273604.1	491273604.1	0	58093669.96	0	13731.91	13,731,912	35.78	17.88802657
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Gasoline	1023974.3	35927223.96	35927223.96	0	4538422.783	0	1200.754	1,200,754	29.92	7.48013688
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Gasoline	7377592	281715217.4	281715217.4	0	34100549.63	0	9544.384	9,544,384	29.52	7.379083194
Statewide Totals	2039	LDA	Aggregate	Aggregate	Gasoline	12539053	492024848.6	492024848.6	0	58240175.37	0	13680.25	13,680,247	35.97	17.9830397
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Gasoline	1013974.7	35688993.85	35688993.85	0	4504498.009	0	1182.384	1,182,384	30.18	7.545983022
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Gasoline	7426167.8	282709067.5	282709067.5	0	34304574.05	0	9519.977	9,519,977	29.70	7.424100531
Statewide Totals	2040	LDA	Aggregate	Aggregate	Gasoline	12570406	492838889.3	492838889.3	0	58404643.64	0	13642.41	13,642,412	36.13	18.06274812
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Gasoline	1005802.1	35490910.75	35490910.75	0	4477502.484	0	1166.65	1,166,650	30.42	7.60530347
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Gasoline	7472298.3	283619292.3	283619292.3	0	34499622.52	0	9500.96	9,500,960	29.85	7.462911182
Statewide Totals	2041	LDA	Aggregate	Aggregate	Gasoline	12607994	493685636.8	493685636.8	0	58591150.59	0	13612.54	13,612,542	36.27	18.13348408
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Gasoline	998776.34	35320741.8	35320741.8	0	4455256.023	0	1152.606	1,152,606	30.64	7.661063289
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Gasoline	7516536.6	284435079	284435079	0	34685783.84	0	9484.08	9,484,080	29.99	7.497698078
Statewide Totals	2042	LDA	Aggregate	Aggregate	Gasoline	12646467	494580637.5	494580637.5	0	58783068.72	0	13596.93	13,596,933	36.37	18.18721277
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Gasoline	992033.03	35170081.12	35170081.12	0	4435127.962	0	1140.376	1,140,376	30.84	7.710195576
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Gasoline	7554641.6	285142473.8	285142473.8	0	34851809.85	0	9471.25	9,471,250	30.11	7.526526767
Statewide Totals	2043	LDA	Aggregate	Aggregate	Gasoline	12686001	495453189.6	495453189.6	0	58978985.47	0	13588.55	13,588,554	36.46	18.23053384
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Gasoline	985532.69	35031802.93	35031802.93	0	4416860.8	0	1129.334	1,129,334	31.02	7.754971448
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Gasoline	7590580.6	285775987.7	285775987.7	0	35008916.94	0	9461.623	9,461,623	30.20	7.550924209
Statewide Totals	2044	LDA	Aggregate	Aggregate	Gasoline	12726626	496314486.5	496314486.5	0	59177437.59	0	13586.46	13,586,464	36.53	18.26503558
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Gasoline	981072.19	34932814.65	34932814.65	0	4405235.212	0	1120.61	1,120,610	31.17	7.79325899
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Gasoline	7624260.6	286357415.1	286357415.1	0	35157350.87	0	9454.976	9,454,976	30.29	7.571605843
Statewide Totals	2045	LDA	Aggregate	Aggregate	Gasoline	12765277	497148656.4	497148656.4	0	59369327.05	0	13588.7	13,588,696	36.59	18.29272806
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Gasoline	977494.51	34854646.37	34854646.37	0	4396912.436	0	1113.113	1,113,113	31.31	7.828192212
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Gasoline	7654516.7	286882303.4	286882303.4	0	35294410.25	0	9449.755	9,449,755	30.36	7.58967587
Statewide Totals	2046	LDA	Aggregate	Aggregate	Gasoline	12804510	497940053.4	497940053.4	0	59560592.46	0	13594.08	13,594,083	36.63	18.31458766
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Gasoline	975118.78	34797981.63	34797981.63	0	4392619.278	0	1107.059	1,107,059	31.43	7.858201578
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Gasoline	7684536.4	287379144.1	287379144.1	0	35428337.39	0	9447.325	9,447,325	30.42	7.604775789
Statewide Totals	2047	LDA	Aggregate	Aggregate	Gasoline	12843643	498668587.2	498668587.2	0	59748937.62	0	13601.17	13,601,165	36.66	18.33183354
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Gasoline	973713.35	34759773.63	34759773.63	0	4391684.923	0	1102.237	1,102,237	31.54	7.883915705
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Gasoline	7712817.4	287821315.9	287821315.9	0	35555244.34	0	9445.583	9,445,583	30.47	7.617880791
Statewide Totals	2048	LDA	Aggregate	Aggregate	Gasoline	12881527	499353512.8	499353512.8	0	59931086.61	0	13609.63	13,609,626	36.69	18.34560054
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Gasoline	974120.36	34748219.78	34748219.78	0	4395774.051	0	1099.092	1,099,092	31.62	7.90384357
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Gasoline	7739565.3	288226617.4	288226617.4	0	35675836.83	0	9444.638	9,444,638	30.52	7.629371567
Statewide Totals	2049	LDA	Aggregate	Aggregate	Gasoline	12919645	499985494.8	499985494.8	0	60110739.73	0	13618.66	13,618,662	36.71	18.35663069
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Gasoline	975176.52	34745438.16	34745438.16	0	4401690.942	0	1096.714	1,096,714	31.68	7.920352582
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Gasoline	7763910.3	288577623	288577623	0	35788037.73	0	9443.838	9,443,838	30.56	7.639309746
Statewide Totals	2050	LDA	Aggregate	Aggregate	Gasoline	12955079	500531731.4	500531731.4	0	60280110.23	0	13626.87	13,626,871	36.73	18.36561487
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Gasoline	976830.11	34749369.35	34749369.35	0	4409241.416	0	1094.993	1,094,993	31.73	7.933694467
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Gasoline	7787615.7	288887957.9	288887957.9	0	35896548.93	0	9443.481	9,443,481	30.59	7.647814004

Construction Truck MPG Estimate

Nothing for the user to do here.

Diesel MPG

Summary By Year	Vendor (MD/HD)	Haul (HD)
2000	6.91	5.57
2001	6.93	5.61
2002	6.96	5.62
2003	6.94	5.61
2004	6.95	5.62
2005	6.97	5.65
2006	6.96	5.64
2007	6.96	5.65
2008	6.99	5.77
2009	6.97	5.76
2010	6.97	5.75
2011	7.00	5.76
2012	7.03	5.77
2013	7.16	5.88
2014	7.13	5.83
2015	7.10	5.81
2016	7.10	5.81
2017	7.11	5.80
2018	7.09	5.76
2019	7.10	5.76
2020	7.18	5.77
2021	7.21	5.80
2022	7.24	5.86
2023	7.31	5.94
2024	7.36	6.02
2025	7.43	6.11
2026	7.51	6.21
2027	7.58	6.32
2028	7.66	6.43
2029	7.75	6.55
2030	7.83	6.66
2031	7.91	6.76
2032	7.99	6.86
2033	8.06	6.96
2034	8.14	7.04
2035	8.20	7.12
2036	8.27	7.19
2037	8.33	7.24
2038	8.38	7.30
2039	8.43	7.34
2040	8.48	7.38
2041	8.52	7.41
2042	8.56	7.43
2043	8.59	7.45
2044	8.62	7.47
2045	8.65	7.49
2046	8.68	7.50
2047	8.70	7.51
2048	8.73	7.52
2049	8.75	7.53
2050	8.76	7.54

Splits from caleemod

Vendors/Deliveries	MHDT	50%
	HHDT	50%
Haul Trucks	MHDT	0%
	HHDT	100%

EMFAC OUTPUT
Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

															MPG Weighting for Summary	
Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population (Vehicles)	Total VMT (Daily)	Combustion VMT (daily)	Electric VMT (Daily)	Trips/day	EV Kwh/day	Fuel Consumption (1000 gallons/day	Diesel Gallons/day	MPG	Vendor	Haul
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Diesel	178113	34780710	34780710	0	2615210	0	6239.85326	6,239,853	5.57	2.79	5.57
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Diesel	168694.8	10002589	10002589	0	2030696	0	1211.81064	1,211,811	8.25	4.13	0.00
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Diesel	180027.9	34720083	34720083	0	2597929	0	6194.08059	6,194,081	5.61	2.80	5.61
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Diesel	183194.1	9985419	9985419	0	2209555	0	1209.46545	1,209,465	8.26	4.13	0.00
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Diesel	174735.4	35500867	35500867	0	2547079	0	6314.6438	6,314,644	5.62	2.81	5.62
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Diesel	176957.7	10213234	10213234	0	2108494	0	1231.67175	1,231,672	8.29	4.15	0.00
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Diesel	197939.1	34527310	34527310	0	2825932	0	6149.85229	6,149,852	5.61	2.81	5.61
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Diesel	206041.2	9934237	9934237	0	2448737	0	1203.31107	1,203,311	8.26	4.13	0.00
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Diesel	206852.9	36874324	36874324	0	2992787	0	6564.93667	6,564,937	5.62	2.81	5.62
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Diesel	219426.4	10610216	10610216	0	2616773	0	1282.32412	1,282,324	8.27	4.14	0.00
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Diesel	217552.4	38447311	38447311	0	3192910	0	6802.97601	6,802,976	5.65	2.83	5.65
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Diesel	235520.8	11066971	11066971	0	2822446	0	1335.62464	1,335,625	8.29	4.14	0.00
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Diesel	236178.9	38564195	38564195	0	3491086	0	6834.29416	6,834,294	5.64	2.82	5.64
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Diesel	255032.2	11105570	11105570	0	3066526	0	1343.10143	1,343,101	8.27	4.13	0.00
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Diesel	239155.3	39869284	39869284	0	3518917	0	7053.89315	7,053,893	5.65	2.83	5.65
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Diesel	262968.8	11484741	11484741	0	3159087	0	1388.89125	1,388,891	8.27	4.13	0.00
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Diesel	237103	36689871	36689871	0	3443893	0	6361.02369	6,361,024	5.77	2.88	5.77
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Diesel	270527.7	10575725	10575725	0	3242547	0	1288.15075	1,288,151	8.21	4.11	0.00
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Diesel	220484	33207200	33207200	0	3181262	0	5768.9707	5,768,971	5.76	2.88	5.76
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Diesel	256088.6	9576914	9576914	0	3056749	0	1170.46619	1,170,466	8.18	4.09	0.00
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Diesel	229437.4	33342764	33342764	0	3382274	0	5800.33832	5,800,338	5.75	2.87	5.75
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Diesel	255248.4	9621197	9621197	0	3046173	0	1174.90095	1,174,901	8.19	4.09	0.00
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Diesel	230366.4	33956560	33956560	0	3424172	0	5891.21437	5,891,214	5.76	2.88	5.76
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Diesel	254233.9	9807401	9807401	0	3031418	0	1190.71478	1,190,715	8.24	4.12	0.00
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Diesel	233463.4	33729156	33729156	0	3516518	0	5845.10146	5,845,101	5.77	2.89	5.77
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Diesel	253766	9752040	9752040	0	3021990	0	1175.03851	1,175,039	8.30	4.15	0.00
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Diesel	241346.7	36264801	36264801	0	3632540	0	6163.20088	6,163,201	5.88	2.94	5.88
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Diesel	255742.9	10529119	10529119	0	3041833	0	1248.96764	1,248,968	8.43	4.22	0.00
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Diesel	250724.3	36387810	36387810	0	3824767	0	6236.25395	6,236,254	5.83	2.92	5.83
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Diesel	258616	10571553	10571553	0	3071193	0	1255.86891	1,255,869	8.42	4.21	0.00
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Diesel	262464	36298335	36298335	0	4036940	0	6245.29195	6,245,292	5.81	2.91	5.81
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Diesel	264588.1	10561670	10561670	0	3142075	0	1258.52645	1,258,526	8.39	4.20	0.00
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Diesel	268393.3	38160748	38160748	0	4167285	0	6570.41395	6,570,414	5.81	2.90	5.81
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Diesel	270110.3	11122010	11122010	0	3205899	0	1325.86266	1,325,863	8.39	4.19	0.00
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Diesel	274958.2	40169432	40169432	0	4302856	0	6920.00471	6,920,005	5.80	2.90	5.80
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Diesel	275936.3	11695011	11695011	0	3294422	0	1390.07694	1,390,077	8.41	4.21	0.00
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Diesel	283895.6	39174308	39174308	0	4484968	0	6796.88974	6,796,890	5.76	2.88	5.76
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Diesel	276404.7	11405354	11405354	0	3292792	0	1355.28142	1,355,281	8.42	4.21	0.00
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Diesel	270487.7	39244412	39244412	0	4305247	0	6814.03613	6,814,036	5.76	2.88	5.76
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Diesel	276258.4	11442537	11442537	0	3265874	0	1356.77321	1,356,773	8.43	4.22	0.00
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Diesel	274445.5	39811871	39811871	0	4414648	0	6905.23005	6,905,230	5.77	2.88	5.77
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Diesel	271763.6	11585754	11585754	0	3221070	0	1347.46398	1,347,464	8.60	4.30	0.00
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Diesel	280809.4	40518102	40518102	0	4535953	0	6983.59098	6,983,591	5.80	2.90	5.80
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Diesel	268011	11734361	11734361	0	3180879	0	1362.89603	1,362,896	8.61	4.30	0.00
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Diesel	289296.3	41279363	41279363	0	4687045	0	7047.17767	7,047,178	5.86	2.93	5.86
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Diesel	269999.8	11888587	11888587	0	3210829	0	1377.29922	1,377,299	8.63	4.32	0.00
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Diesel	296921.7	42074959	42074959	0	4821966	0	7087.04929	7,087,049	5.94	2.97	5.94
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Diesel	273233.3	12042684	12042684	0	3255560	0	1387.50445	1,387,504	8.68	4.34	0.00
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Diesel	307158.3	42799671	42799671	0	4993670	0	7111.76559	7,111,766	6.02	3.01	6.02
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Diesel	277729.4	12176259	12176259	0	3314941	0	1397.76998	1,397,770	8.71	4.36	0.00
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Diesel	315961.6	43487031	43487031	0	5139397	0	7114.08091	7,114,081	6.11	3.06	6.11
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Diesel	283391.9	12272300	12272300	0	3387538	0	1401.45124	1,401,451	8.76	4.38	0.00
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Diesel	323622.8	44147348	44147348	0	5266387	0	7107.92312	7,107,923	6.21	3.11	6.21
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Diesel	288372.5	12351100	12351100	0	3451074	0	1402.92464	1,402,925	8.80	4.40	0.00
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Diesel	330234.7	44752671	44752671	0	5376907	0	7083.14812	7,083,148	6.32	3.16	6.32
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Diesel	292488.2	12389016	12389016	0	3503647	0	1400.2356	1,400,236	8.85	4.42	0.00
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Diesel	335719.6	45293436	45293436	0	5470645	0	7040.53069	7,040,531	6.43	3.22	6.43
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Diesel	295113.6	12360648	12360648	0	3537773	0	1389.37409	1,389,374	8.90	4.45	0.00
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Diesel	340009.8	45771755	45771755	0	5547523	0	6991.47585	6,991,476	6.55	3.27	6.55
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Diesel	295954.7	12259160	12259160	0	3549747	0	1370.4327	1,370,433	8.95	4.47	0.00
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Diesel	343223	46195497	46195497	0	5609765	0	6939.9951	6,939,995	6.66	3.33	6.66
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Diesel	295033.9	12086147	12086147	0	3540144	0	1343.497	1,343,497	9.00	4.50	0.00
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Diesel	347000.5	46971560	46971560	0	5685306	0	6944.36313	6,944,363	6.76	3.38	6.76
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Diesel	293727.2	11930554	11930554	0	3526137	0	1318.0645	1,318,065	9.05	4.53	0.00
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Diesel	350357.3	47743653	47743653	0	5756980	0	6955.30395	6,955,304	6.86	3.43	6.86
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Diesel	291109.3	11750779	11750779	0	3496043	0	1289.9338	1,289,934	9.11	4.55	0.00
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Diesel	353488.5	48559936	48559936	0	5828242	0	6980.32186	6,980,322	6.96	3.48	6.96
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Diesel	287220.6	11547153	11547153	0	3450479	0	1259.22341	1,259,223	9.17	4.59	0.00
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Diesel	356554.7	49434540	49434540	0	5902380	0	7020.75751	7,020,758	7.04	3.52	7.04
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Diesel	282262.5	11319757	11319757	0	3391948	0	1226.44792	1,226,448	9.23	4.61	0.00
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Diesel	359761.9	50374336	50374336	0	5980942	0	7078.46111	7,078,461	7.12	3.56	7.12
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Diesel	276502.1	11078238	11078238	0	3323913	0	1192.67832	1,192,678	9.29	4.64	0.00
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Diesel	362908.2	51251124	51251124	0	6060300	0	7132.27287	7,132,273	7.19	3.59	7.19
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Diesel	270503.8	10855294	10855294	0	3253058	0	1161.12218	1,161,122	9.35	4.67	0.00
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Diesel	366473	52202885	52202885	0	6148266	0	7206.13411	7,206,134	7.24	3.62	7.24
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Diesel	264677.2	10659167	10659167	0	3184474	0	1133.13276	1,133,133	9.41	4.70	0.00
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Diesel	370536.1	53224068	53224068	0	6245673	0	7294.87759	7,294,878	7.30	3.65	7.30
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Diesel	259226.3	10486246	10486246	0	3120599	0	1107.63645	1,107,636	9.47	4.73	0.00
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Diesel	375037.1	54310649	54310649	0	6352022	0	7400.55981	7,400,560	7.34	3.67	7.34
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Diesel	254277.1	10340345	10340345	0	3063047	0	1085.83023	1,085,830	9.52	4.76	0.00
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Diesel	380017.3	55464869	55464869	0	6468132	0	7520.43999	7,520,440	7.38	3.69	7.38
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Diesel	249717.3	10214210	10214210	0	3010472	0	1066.48976	1,066,490	9.58	4.79	0.00
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Diesel	385544	56691482	56691482	0	6594813	0	7654.81218	7,654,812	7.41	3.70	7.41
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Diesel	245696	10105529	10105529	0	2964607	0	1049.40299	1,049,403	9.63	4.81	0.00
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Diesel	391634	57995763	57995763	0	6731647	0	7803.79189	7,803,792	7.43	3.72	7.43
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Diesel	242148.9	10015200	10015200	0	2924709	0	1034.66785	1,034,668	9.68	4.84	0.00
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Diesel	398293.6	59377495	59377495	0	6878845	0	7966.40647	7,966,406	7.45	3.73	7.45
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Diesel	239166.6	9950762	9950762	0	2891825	0	1022.98731	1,022,987	9.73	4.86	0.00
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Diesel	405462.4	60834234	60834234	0	7035643	0	8141.49936	8,141,499	7.47	3.74	7.47
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Diesel	236737.4	9910440	9910440	0	2865857	0	1014.09613	1,014,096	9.77	4.89	0.00
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Diesel	413177.8	62367937	62367937	0	7201774	0	8329.14282	8,329,143	7.49	3.74	7.49
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Diesel	234923.2	9898341	9898341	0	2847509	0	1008.38041	1,008,380	9.82	4.91	0.00
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Diesel	421414	63975214	63975214	0	7376963	0	8528.15877	8,528,159	7.50	3.75	7.50
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Diesel	233657.4	9912056	9912056	0	2835943	0	1005.56801	1,005,568	9.86	4.93	0.00
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Diesel	430170.2	65655403	65655403	0	7560784	0	8738.42586	8,738,426	7.51	3.76	7.51
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Diesel	232960.1	9950946	9950946	0	2831342	0	1005.67245	1,005,672	9.89	4.95	0.00
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Diesel	439454	67407269	67407269	0	7753031	0	8959.37727	8,959,377	7.52	3.76	7.52
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Diesel	232860.4	10014245	10014245	0	2834055	0	1008.58743	1,008,587	9.93	4.96	0.00
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Diesel	449284.9	69230433	69230433	0	7953883	0	9191.04474	9,191,045	7.53	3.77	7.53
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Diesel	233352.1	10100592	10100592	0	2843959	0	1014.15464	1,014,155	9.96	4.98	0.00
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Diesel	459625.8	71123346	71123346	0	8162888	0	9432.74384	9,432,744	7.54	3.77	7.54
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Diesel	234387.9	10207488	10207488	0	2860504	0	1022.06125	1,022,061	9.99	4.99	0.00

Construction Equipment Fuel Estimate

Nothing for the user to do here.

Diesel Gallons per Horsepower Hour

Summary By Year	gallons per hour	gallons per hp-hr
2000	3.105	0.028
2001	3.093	0.028
2002	3.090	0.028
2003	3.089	0.028
2004	3.089	0.028
2005	3.088	0.028
2006	3.088	0.028
2007	3.087	0.028
2008	3.087	0.028
2009	3.085	0.028
2010	3.084	0.028
2011	3.083	0.028
2012	3.081	0.028
2013	3.081	0.028
2014	3.079	0.028
2015	3.077	0.028
2016	3.076	0.028
2017	3.075	0.028
2018	3.073	0.028
2019	3.073	0.028
2020	3.073	0.028
2021	3.073	0.027
2022	3.074	0.027
2023	3.074	0.027
2024	3.074	0.027
2025	3.074	0.027
2026	3.074	0.027
2027	3.074	0.027
2028	3.074	0.027
2029	3.073	0.027
2030	3.073	0.027
2031	3.073	0.027
2032	3.073	0.027
2033	3.073	0.027
2034	3.073	0.027
2035	3.073	0.027
2036	3.073	0.027
2037	3.073	0.027
2038	3.073	0.027
2039	3.073	0.027
2040	3.073	0.027
2041	3.073	0.027
2042	3.073	0.027
2043	3.073	0.027
2044	3.073	0.027
2045	3.073	0.027
2046	3.073	0.027
2047	3.073	0.027
2048	3.073	0.027
2049	3.073	0.027
2050	3.073	0.027

EMFAC OUTPUT

Model Output: OFFROAD2021 (v1.0.3) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Fuel Consumption Estimate

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	Fuel Consumption	Total_Activity_hpy	Total_Population	Horsepower_Hours_hhpy	gallons per hour	gallons per hp-hr
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	2416328.083	420068.7806	1265.818808	92847821.06	5.75222	0.026
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	5720781.469	1659297.653	3812.203828	383405287	3.447713	0.015
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	14150521.09	2996600.801	7022.22201	637625362.7	4.722191	0.022
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	25441422.32	8122056.67	13656.09572	1280275178	3.132387	0.020
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	9566787.449	2400280.443	4415.618425	449785905.5	3.985696	0.021
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	1239.605161	0	87.90518529	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	1329.016617	0	556.0299763	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	28702.15467	19866.95	50.6514421	655609.35	1.444719	0.044
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	138.0258996	0	23.20976405	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	908.4898718	0	36.88	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	2486.401099	0	340.4001953	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	257.5131951	0	14.27	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	439.224977	0	36.45253818	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	852.910093	0	321.9900099	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	6191.209732	0	994.5975056	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	158.8657651	0	8.60426591	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	24190.91758	7018.95	2828.192654	259701.15	3.446515	0.093
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	53215.89087	0	4037.731749	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	4674.877188	0	266.4917206	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	5905.168905	0	457.4707407	0		
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	5373971.912	1902923.737	3106.786356	235278344.7	2.824061	0.023
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	32299814.81	4050019.44	3251.802492	1630961734	7.975225	0.020
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	7205865.457	1935542.715	4703.192795	333123332.9	3.722917	0.022
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	1696943.919	608609.2667	1670.143457	78821433.48	2.788232	0.022
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	987611.7702	406238.2319	946.2917304	53455047.2	2.431115	0.018
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	4400256.342	2758119.652	8698.510218	221401052	1.595383	0.020
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	4777699.3	2282668.494	8771.018285	229416343.7	2.093032	0.021
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	2817343.427	550478.8169	775.4676388	136553430.9	5.117987	0.021
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	38858512.44	10284675.85	11367.79027	2083332316	3.778292	0.019
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	25290279.71	2757446.39	6384.396804	1010978690	9.171631	0.025
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	4632937.131	3651240.919	11373.93502	238867761.5	1.268866	0.019
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	532379.938	129506.4087	522.3038772	34098270.46	4.110839	0.016
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	35494855.05	18925156.52	34303.6897	1847405958	1.875538	0.019
Statewide Totals	2000	Construction and	Aggregate	Aggregate	Diesel	1462617.295	689103.4963	2060.949652	54172752.47	2.122493	0.027
Statewide Totals	2000	Industrial - Aerial	Aggregate	Aggregate	Diesel	2251045.577	2167296.558	7729.51162	136258460	1.038642	0.017
Statewide Totals	2000	Industrial - Forklif	Aggregate	Aggregate	Diesel	9472318.407	10131859.5	14497.44543	906745391	0.934904	0.010
Statewide Totals	2000	Industrial - Misc -	Aggregate	Aggregate	Diesel	4608.85793	0	1180.025846	0		
Statewide Totals	2000	Industrial - Misc -	Aggregate	Aggregate	Diesel	4505.56932	0	341.3333489	0		
Statewide Totals	2000	Industrial - Misc -	Aggregate	Aggregate	Diesel	1836.559635	0	217.1158836	0		
Statewide Totals	2000	Industrial - Other	Aggregate	Aggregate	Diesel	4574265.323	2858355.466	3691.376692	251966901.9	1.600314	0.018
Statewide Totals	2000	Industrial - Other	Aggregate	Aggregate	Diesel	2681903.033	781272.3396	1110.364141	130845036.8	3.432738	0.020
Statewide Totals	2000	Light Commercial	Aggregate	Aggregate	Diesel	868256.9851	759054	1084.913039	28084998	1.143867	0.031
Statewide Totals	2000	Light Commercial	Aggregate	Aggregate	Diesel	3990253.736	1527897.3	13330.42519	50420610.9	2.611598	0.079
Statewide Totals	2000	Light Commercial	Aggregate	Aggregate	Diesel	20132.28045	15264.3	397.0478764	580043.4	1.318913	0.035
Statewide Totals	2000	Light Commercial	Aggregate	Aggregate	Diesel	2209980.165	797525	6941.190797	29508425	2.771048	0.075
Statewide Totals	2000	Light Commercial	Aggregate	Aggregate	Diesel	4478787.589	2992956.2	7906.850602	137675985.2	1.496443	0.033
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	2573894.207	447004.7227	1318.170965	98800666.93	5.758092	0.026
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	6088832.261	1765751.283	3969.870226	408126881.3	3.448296	0.015
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	15039628.44	3188658.759	7312.64941	677764278.9	4.7166	0.022
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	27074582.21	8643762.222	14220.88909	1362966952	3.132268	0.020
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	10179864.1	2554040.551	4598.241045	478662323	3.985788	0.021
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	1137.210378	0	87.85562619	0		
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	1271.829155	0	566.7400254	0		
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	29195.09023	20253.85	51.94072982	668377.05	1.441459	0.044
Statewide Totals	2001	Construction and	Aggregate	Aggregate	Diesel	131.622718	0	23.74576504	0		

Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	774.8122992	0	37.64000193	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	2176.911267	0	347.7999918	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	245.1839615	0	14.49000074	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	405.4828915	0	37.20945659	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	774.7520344	0	328.2500303	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	5502.598172	0	1010.771767	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	129.9104583	0	8.043751694	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	22120.87214	7186.85	2883.702413	265913.45	3.077965	0.083
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	48541.10061	0	4121.578618	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	4407.820885	0	271.5612404	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	4757.340263	0	451.9606261	0	
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	5718772.732	2024914.84	3235.277863	250450079.6	2.824204	0.023
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	34392277.01	4309559.522	3386.291624	1735220732	7.980462	0.020
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	7665456.293	2059566.393	4897.709011	354552177.9	3.721879	0.022
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	1806288.025	647581.9062	1739.217807	83870799.36	2.789281	0.022
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	1050847.568	432264.8791	985.4287794	56903055.43	2.431027	0.018
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	4682134.487	2934869.551	9058.266105	235596358.1	1.595347	0.020
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	5084483.992	2427849.642	9133.772985	244049646.2	2.094233	0.021
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	3000272.593	585764.724	807.5396881	145532565	5.121976	0.021
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	41385847.04	10943571.08	11837.94313	2219332818	3.78175	0.019
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	26903492.92	2934067.837	6648.444817	1075304477	9.169349	0.025
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	4930991.122	3885423.763	11844.34202	254301300.6	1.2691	0.019
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	566596.0652	137819.3941	543.9054951	36330994.7	4.111149	0.016
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	37775464.85	20138758.66	35722.43314	1966441041	1.875759	0.019
Statewide Totals	2001 Construction and	Aggregate	Aggregate	Diesel	1555861.926	733209.7377	2146.187095	57642455.38	2.121988	0.027
Statewide Totals	2001 Industrial - Aerial	Aggregate	Aggregate	Diesel	2395525.376	2306401.058	8049.935185	145003368.1	1.038642	0.017
Statewide Totals	2001 Industrial - Forklif	Aggregate	Aggregate	Diesel	10080284.18	10782156.87	15098.43077	965005425.9	0.934904	0.010
Statewide Totals	2001 Industrial - Misc -	Aggregate	Aggregate	Diesel	4334.522658	0	1190.311947	0	
Statewide Totals	2001 Industrial - Misc -	Aggregate	Aggregate	Diesel	3941.203699	0	346.0786494	0	
Statewide Totals	2001 Industrial - Misc -	Aggregate	Aggregate	Diesel	1603.963114	0	217.14805	0	
Statewide Totals	2001 Industrial - Other	Aggregate	Aggregate	Diesel	4867857.306	3041814.489	3844.401118	268080414.7	1.600314	0.018
Statewide Totals	2001 Industrial - Other	Aggregate	Aggregate	Diesel	2854036.736	831417.0686	1156.393807	139297625.3	3.432738	0.020
Statewide Totals	2001 Light Commercial	Aggregate	Aggregate	Diesel	878196.3671	768284.85	1098.112788	28426539.45	1.143061	0.031
Statewide Totals	2001 Light Commercial	Aggregate	Aggregate	Diesel	4035757.36	1546362.65	13492.03348	51029967.45	2.609839	0.079
Statewide Totals	2001 Light Commercial	Aggregate	Aggregate	Diesel	20343.24291	15454.1	401.8275694	587255.8	1.316365	0.035
Statewide Totals	2001 Light Commercial	Aggregate	Aggregate	Diesel	2235138.705	807292.4	7025.144385	29869818.8	2.768685	0.075
Statewide Totals	2001 Light Commercial	Aggregate	Aggregate	Diesel	4530006.285	3029255.45	8002.386139	139345750.7	1.495419	0.033
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	2559346.691	443561.4548	1311.568971	98089573.61	5.769993	0.026
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	6042975.295	1752093.501	3949.987327	405043049.2	3.449003	0.015
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	14929156.89	3164131.537	7276.024367	672531692.4	4.718248	0.022
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	26862080.93	8577162.822	14149.66447	1353058017	3.131814	0.020
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	10103031.29	2534477.473	4575.210982	475498593.6	3.986238	0.021
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	1035.534285	0	87.77215026	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	1214.855103	0	577.7199041	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	29741.48304	20691.85	53.06525053	682831.05	1.437353	0.044
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	125.3146108	0	24.2783164	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	646.9155479	0	38.28999595	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	1902.619699	0	355.5848953	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	233.6678286	0	14.73999844	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	370.3877977	0	37.83000883	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	700.8187891	0	334.5299812	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	4849.460425	0	1026.075659	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	103.9047379	0	7.599762964	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	21983.27178	7332.85	2939.055047	271315.45	2.997916	0.081
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	44001.84048	0	4212.450132	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	4116.497088	0	276.6273422	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	3782.629164	0	451.2778668	0	
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	5672296.421	2009322.079	3219.074134	248384352.4	2.82299	0.023
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	34118975.94	4276341.889	3369.33155	1721087034	7.978543	0.020
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	7604133.353	2043716.078	4873.179078	351840316.7	3.720739	0.022
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	1791487.597	642621.5723	1730.50702	83245940.51	2.78778	0.022
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	1042791.3	428903.0825	980.4933081	56470376.96	2.431298	0.018
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	4647012.35	2912296.415	9012.898227	233862326.2	1.595652	0.020
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	5045814.45	2409286.561	9088.026935	242223793.3	2.094319	0.021
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	2979518.17	581256.9703	803.4951655	144700932.1	5.125991	0.021
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	41107304.12	10859643.53	11778.65338	2204424620	3.785327	0.019
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	26692697.59	2911615.931	6615.14641	1067124643	9.167657	0.025
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	4892807.293	3854224.081	11785.02022	252296454.7	1.269466	0.019
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	560910.0737	136750.3717	541.1813714	35985210.07	4.101708	0.016
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	37471190.67	19983500.12	35543.5191	1951458262	1.875106	0.019
Statewide Totals	2002 Construction and	Aggregate	Aggregate	Diesel	1543274.133	727575.6732	2135.438023	57163764.87	2.121118	0.027
Statewide Totals	2002 Industrial - Aerial	Aggregate	Aggregate	Diesel	2377030.003	2288593.796	8009.355675	143884784.9	1.038642	0.017
Statewide Totals	2002 Industrial - Forklif	Aggregate	Aggregate	Diesel	10002456.32	10698909.99	15022.31998	957589962.6	0.934904	0.010
Statewide Totals	2002 Industrial - Misc -	Aggregate	Aggregate	Diesel	4082.691541	0	1197.725866	0	
Statewide Totals	2002 Industrial - Misc -	Aggregate	Aggregate	Diesel	3516.009456	0	347.547258	0	
Statewide Totals	2002 Industrial - Misc -	Aggregate	Aggregate	Diesel	1392.883468	0	212.1992888	0	
Statewide Totals	2002 Industrial - Other	Aggregate	Aggregate	Diesel	4830273.551	3018329.247	3825.021593	265996403.5	1.600314	0.018
Statewide Totals	2002 Industrial - Other	Aggregate	Aggregate	Diesel	2832001.288	824997.8634	1150.564457	138213195.8	3.432738	0.020
Statewide Totals	2002 Light Commercial	Aggregate	Aggregate	Diesel	888090.26	777336.85	1111.102658	28761463.45	1.142478	0.031
Statewide Totals	2002 Light Commercial	Aggregate	Aggregate	Diesel	4081084.246	1564813.4	13652.34147	51638842.2	2.608033	0.079
Statewide Totals	2002 Light Commercial	Aggregate	Aggregate	Diesel	20538.56978	15684.05	406.5871737	595993.9	1.30952	0.034
Statewide Totals	2002 Light Commercial	Aggregate	Aggregate	Diesel	2260183.857	816837.15	7108.577738	30222974.55	2.766994	0.075
Statewide Totals	2002 Light Commercial	Aggregate	Aggregate	Diesel	4580910.097	3065255.4	8097.541896	141001748.4	1.494463	0.032
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	2633567.532	456380.9906	1336.099533	101024012.5	5.770546	0.026
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	6218165.087	1802772.203	4023.864807	416829836.6	3.449224	0.015
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	15343953.07	3255672.485	7412.109447	692186587.8	4.71299	0.022
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	27653384.85	8825240.052	14414.30875	1393002672	3.133443	0.020
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	10392342.44	2607758.629	4660.782157	489742099.3	3.985163	0.021
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	932.365371	0	87.54844104	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	1158.176854	0	588.6599273	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	30296.46863	21067.8	54.18821036	695237.4	1.438046	0.044
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	118.2139619	0	24.7709678	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	535.2178944	0	39.00999841	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	1834.217458	0	363.9634097	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	222.885996	0	15.00999939	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	337.7241006	0	38.46747984	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	636.7887183	0	340.8299869	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	4445.995057	0	1040.807563	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	87.51196299	0	7.5685375	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	22284.41686	7471.55	2994.38549	276447.35	2.982569	0.081
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	39834.46999	0	4300.166534	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	3818.28887	0	281.7758843	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	3304.917108	0	456.0421334	0	
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	5833286.497	2067450.373	3279.281184	255501491.8	2.821488	0.023
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	35089499.64	4400034.793	3432.348897	1769109464	7.974823	0.020
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	7821715.175	2102858.126	4964.323216	361727958.4	3.719564	0.022
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	1842953.42	661233.2428	1762.873073	85646059.27	2.787146	0.022
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	1072768.687	441334.2384	998.8316896	58081527.51	2.43074	0.018
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	4782409.088	2996559.001	9181.46844	240669698.6	1.595967	0.020
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	5191513.645	2479585.414	9258.002297	249302980	2.093702	0.021
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	3065599.939	598057.2833	818.5231119	148922794.8	5.12593	0.021
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	42307054.74	11173683.25	11998.95212	2266571881	3.786312	0.019
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	27459207.17	2995799.283	6738.870945	1098433979	9.165904	0.025
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	5032260.213	3966980.821	12005.43804	259588391.1	1.268537	0.019
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	576793.0695	140683.8148	551.3032053	37043789.22	4.099925	0.016
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	38540735.21	20560796.93	36208.29734	2007894927	1.874477	0.019
Statewide Totals	2003 Construction and	Aggregate	Aggregate	Diesel	1587706.61	748590.7584	2175.377589	58841378.54	2.120927	0.027
Statewide Totals	2003 Industrial - Aerial	Aggregate	Aggregate	Diesel	2445912.918	2354913.957	8159.576244	148054867.4	1.038642	0.017
Statewide Totals	2003 Industrial - Forklif	Aggregate	Aggregate	Diesel	10292313.13	11008949.04	15304.07317	985358449.3	0.934904	0.010
Statewide Totals	2003 Industrial - Misc -	Aggregate	Aggregate	Diesel	3842.015395	0	1205.776466	0	
Statewide Totals	2003 Industrial - Misc -	Aggregate	Aggregate	Diesel	3231.485147	0	347.3891073	0	
Statewide Totals	2003 Industrial - Misc -	Aggregate	Aggregate	Diesel	1272.850186	0	205.9208732	0	
Statewide Totals	2003 Industrial - Other	Aggregate	Aggregate	Diesel	4970247.941	3105796.093	3896.762311	273691552.5	1.600314	0.018

Statewide Totals	2003 Industrial - Other Aggregate	Aggregate	Diesel	2914068.617	848905.1165	1172.144026	142150483.4	3.432738	0.020
Statewide Totals	2003 Light Commercial Aggregate	Aggregate	Diesel	898821.5836	787148.05	1125.412373	29124477.85	1.141871	0.031
Statewide Totals	2003 Light Commercial Aggregate	Aggregate	Diesel	4130066.996	1584611	13825.12905	52292163	2.60636	0.079
Statewide Totals	2003 Light Commercial Aggregate	Aggregate	Diesel	20764.67763	15881.15	411.6768572	603483.7	1.307505	0.034
Statewide Totals	2003 Light Commercial Aggregate	Aggregate	Diesel	2287374.418	827181.25	7199.04062	30605706.25	2.765264	0.075
Statewide Totals	2003 Light Commercial Aggregate	Aggregate	Diesel	4635966.479	3104098.7	8199.867206	142788540.2	1.493498	0.032
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	2815370.267	487102.8389	1393.551825	108048539.8	5.779827	0.026
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	6636688.458	1924075.458	4196.891031	444976894.8	3.449287	0.015
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	16383583.01	3474667.371	7730.830224	739570388.3	4.715151	0.022
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	29517125.78	9419131.738	15034.12416	1486576645	3.133742	0.020
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	11099335.16	2783170.482	4861.195834	523704729.8	3.988018	0.021
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	836.4071159	0	87.53414902	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	1103.814396	0	599.5399946	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	30799.95156	21480.25	55.24194602	708848.25	1.433873	0.043
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	110.1937442	0	25.15432563	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	505.8953734	0	39.70000244	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	1802.322098	0	371.1407856	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	212.1528294	0	15.33000094	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	306.4650323	0	39.09470769	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	624.1903297	0	347.2700383	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	4126.076221	0	1056.958723	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	74.09917672	0	7.656891305	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	22713.70622	7599.3	3049.728296	281174.1	2.988921	0.081
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	37805.01545	0	4383.419608	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	3518.682787	0	287.225301	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	3207.515066	0	463.2471646	0		
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	6224391.461	2206519.525	3420.290305	272749587.8	2.820909	0.023
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	37458784.05	4696022.636	3579.939932	1889982877	7.976704	0.020
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	8352258.883	2244313.891	5177.789161	386061507.8	3.72152	0.022
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	1966377.406	705666.8794	1838.676632	91365865.52	2.786552	0.022
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	1144922.078	471028.63	1041.781462	62002848.38	2.430685	0.018
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	5105923.339	3198043.071	9576.27167	256999313.8	1.596577	0.020
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	5542084.568	2646306.871	9656.096483	266177416.9	2.094271	0.021
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	3276956.165	638315.5908	853.7196134	159061800.9	5.133755	0.021
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	45185854.72	11925275.56	12514.90717	2419495804	3.789083	0.019
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	29301522.17	3197241.922	7028.642459	1173100552	9.164625	0.025
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	5371754.507	4233707.317	12521.67198	277134576.9	1.268806	0.019
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	615914.1904	150163.7348	575.0092483	39530429.25	4.101617	0.016
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	41138149.37	21944372.02	37765.25447	2144229322	1.874656	0.019
Statewide Totals	2004 Construction and Aggregate	Aggregate	Diesel	1695078.807	798970.0337	2268.918846	62820449.53	2.12158	0.027
Statewide Totals	2004 Industrial - Aerial Aggregate	Aggregate	Diesel	2610682.342	2513553.217	8511.204627	158033736.6	1.038642	0.017
Statewide Totals	2004 Industrial - Forklif Aggregate	Aggregate	Diesel	10985656.91	11750569.14	15963.58615	1051731824	0.934904	0.010
Statewide Totals	2004 Industrial - Misc - Aggregate	Aggregate	Diesel	3702.831124	0	1214.419023	0		
Statewide Totals	2004 Industrial - Misc - Aggregate	Aggregate	Diesel	3145.677732	0	345.7461073	0		
Statewide Totals	2004 Industrial - Misc - Aggregate	Aggregate	Diesel	1156.630649	0	193.4275815	0		
Statewide Totals	2004 Industrial - Other Aggregate	Aggregate	Diesel	5305069.708	3315018.681	4064.689197	292028991.6	1.600314	0.018
Statewide Totals	2004 Industrial - Other Aggregate	Aggregate	Diesel	3110375.445	906091.783	1222.656344	151651397.4	3.432738	0.021
Statewide Totals	2004 Light Commercial Aggregate	Aggregate	Diesel	908960.2244	796941	1139.372221	29486817	1.140562	0.031
Statewide Totals	2004 Light Commercial Aggregate	Aggregate	Diesel	4177384.008	1604364.8	13996.99657	52944038.4	2.603762	0.079
Statewide Totals	2004 Light Commercial Aggregate	Aggregate	Diesel	20992.67735	16092.85	417.0463584	611528.3	1.304472	0.034
Statewide Totals	2004 Light Commercial Aggregate	Aggregate	Diesel	2313478.373	837466.95	7288.043646	30986277.15	2.762471	0.075
Statewide Totals	2004 Light Commercial Aggregate	Aggregate	Diesel	4688326.453	3142737.6	8302.092578	144565929.6	1.491797	0.032
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	2985906.863	518530.8255	1450.701943	114537898.9	5.758398	0.026
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	7061363.997	2048351.024	4369.00721	473390833	3.447341	0.015
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	17446917.6	3699040.625	8047.874661	786983104.6	4.716606	0.022
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	31441182.26	10027024.74	15650.6796	1583792218	3.135644	0.020
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	11879927.68	2962840.856	5060.555418	560741886.9	4.009641	0.021
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	742.1523451	0	87.86634406	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	1048.820705	0	610.3499077	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	31346.5705	21867.15	56.25376103	721615.95	1.433501	0.043
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	102.1927357	0	25.67993074	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	486.9182466	0	40.45999698	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	1762.738305	0	378.4584897	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	199.4752444	0	15.67999883	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	278.1059587	0	39.91886674	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	609.6508416	0	353.4399551	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	3861.264704	0	1074.294471	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	70.80948896	0	7.90976394	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	22802.61079	7730.7	3105.149273	286035.9	2.949618	0.080
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	36016.63435	0	4452.373864	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	3219.650604	0	292.8233688	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	3159.761291	0	471.6937369	0		
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	6630422.799	2348932.347	3560.557778	290372243.5	2.822739	0.023
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	39906084.31	4999262.831	3726.7547	2014758648	7.982394	0.020
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	8898540.717	2389208.621	5390.132364	411017526.4	3.724472	0.022
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	2093986.203	751261.5081	1914.081495	97218044.22	2.787293	0.022
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	1219282.588	501418.9456	1084.505336	65963869.86	2.431664	0.018
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	5438151.584	3404483.036	9968.998399	273768549.1	1.59735	0.020
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	5902011.054	2817294.975	10052.09686	283463101.4	2.094921	0.021
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	3487357.416	679496.1806	888.730996	169641505.4	5.132269	0.021
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	48073774.19	12695164.45	13028.14851	2571365951	3.786778	0.019
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	31207835.05	3403868.947	7316.889896	1249059353	9.168342	0.025
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	5720136.852	4507055.85	13035.19076	295074833.1	1.269152	0.019
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	656017.9724	159845.4025	598.5906074	42070274.38	4.104078	0.016
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	43860037.79	23361365.62	39314.02265	2285933190	1.87746	0.019
Statewide Totals	2005 Construction and Aggregate	Aggregate	Diesel	1805466.877	850571.7059	2361.968115	66966596.42	2.122651	0.027
Statewide Totals	2005 Industrial - Aerial Aggregate	Aggregate	Diesel	2778839.434	2675454.109	8859.031642	168223210	1.038642	0.017
Statewide Totals	2005 Industrial - Forklif Aggregate	Aggregate	Diesel	11693255.87	12507436.99	16615.96931	1119405154	0.934904	0.010
Statewide Totals	2005 Industrial - Misc - Aggregate	Aggregate	Diesel	3568.600913	0	1223.392424	0		
Statewide Totals	2005 Industrial - Misc - Aggregate	Aggregate	Diesel	2984.980979	0	340.2484723	0		
Statewide Totals	2005 Industrial - Misc - Aggregate	Aggregate	Diesel	1034.792947	0	179.2221048	0		
Statewide Totals	2005 Industrial - Other Aggregate	Aggregate	Diesel	5646775.431	3528542.898	4230.800667	310933341.2	1.600314	0.018
Statewide Totals	2005 Industrial - Other Aggregate	Aggregate	Diesel	3310718.353	964454.2109	1272.622586	161439441.4	3.432738	0.021
Statewide Totals	2005 Light Commercial Aggregate	Aggregate	Diesel	918145.6624	806142.65	1152.432012	29827278.05	1.138937	0.031
Statewide Totals	2005 Light Commercial Aggregate	Aggregate	Diesel	4220947.77	1622786.35	14158.32452	53551949.55	2.60105	0.079
Statewide Totals	2005 Light Commercial Aggregate	Aggregate	Diesel	21187.50486	16304.55	421.8458114	619572.9	1.299484	0.034
Statewide Totals	2005 Light Commercial Aggregate	Aggregate	Diesel	2337522.21	847070.1	7371.926752	31341593.7	2.759538	0.075
Statewide Totals	2005 Light Commercial Aggregate	Aggregate	Diesel	4736114.656	3178868.95	8397.698319	146227971.7	1.489874	0.032
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	3084412.237	534802.2865	1479.639582	118247508.6	5.767388	0.026
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	7282832.176	2112605.511	4456.157265	488327905.9	3.447322	0.015
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	18012914.26	3815035.141	8208.408322	812221324.4	4.721559	0.022
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	32421428.9	10341578.93	15962.86897	1632328517	3.135056	0.020
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	12275371.02	3055808.808	5161.500017	579019727.1	4.017061	0.021
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	669.7090725	0	88.59590474	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	1000.43329	0	621.409965	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	31821.46632	22290.55	57.34287605	735588.15	1.427577	0.043
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	93.95279899	0	26.09536119	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	477.5933968	0	41.16000148	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	1748.280356	0	385.6602853	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	184.9960194	0	15.92000057	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	263.0988202	0	40.5239858	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	602.876534	0	359.8300414	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	3787.778872	0	1091.729271	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	70.99166718	0	8.400286282	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	22962.18345	7876.7	3160.499226	291437.9	2.915204	0.079
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	34640.02195	0	4514.902972	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	2940.167362	0	298.6467914	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	3131.935699	0	480.7247806	0		
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	6842426.635	2422654.991	3631.581421	299688778.3	2.82435	0.023
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	41214540.26	5156088.627	3801.093528	2081169979	7.993373	0.020
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	9186951.834	2464088.152	5497.651146	424541995.4	3.728337	0.022
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	2159751.431	774815.4593	1952.262322	100242427.3	2.78744	0.022
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	1257579.371	517106.0128	1106.138328	68016996.15	2.431957	0.018

Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	5608404.407	3511383.349	10167.85336	282400536.7	1.597207	0.020
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	6088731.326	2905865.362	10252.60941	292454517.2	2.095325	0.021
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	3598123.309	700812.5305	906.4588119	175171752.3	5.134217	0.021
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	49551373.67	13093360.83	13288.02537	2649875991	3.784466	0.019
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	32184496.59	3510633.778	7462.842358	1288199769	9.167717	0.025
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	5902019.841	4648833.835	13295.20809	304294033.9	1.26957	0.019
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	677169.9102	164880.9686	610.5308955	43419291	4.107023	0.016
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	45263751.76	24094192.04	40098.23267	2359238547	1.878617	0.019
Statewide Totals	2006 Construction and Aggregate	Aggregate	Diesel	1862044.958	877298.0879	2409.083086	69097561.01	2.122477	0.027
Statewide Totals	2006 Industrial - Aerial Aggregate	Aggregate	Diesel	2866386.469	2759744.001	9036.920345	173542781.3	1.038642	0.017
Statewide Totals	2006 Industrial - Forklif Aggregate	Aggregate	Diesel	12061650.63	12901482.44	16949.61675	1154642163	0.934904	0.010
Statewide Totals	2006 Industrial - Misc - Aggregate	Aggregate	Diesel	3460.051306	0	1225.666597	0		
Statewide Totals	2006 Industrial - Misc - Aggregate	Aggregate	Diesel	2827.927101	0	331.7794451	0		
Statewide Totals	2006 Industrial - Misc - Aggregate	Aggregate	Diesel	918.9591569	0	164.3355627	0		
Statewide Totals	2006 Industrial - Other Aggregate	Aggregate	Diesel	5824676.479	3639709.26	4315.754832	320745360.7	1.600314	0.018
Statewide Totals	2006 Industrial - Other Aggregate	Aggregate	Diesel	3415022.176	994839.2363	1298.176753	166536777	3.432738	0.021
Statewide Totals	2006 Light Commercial Aggregate	Aggregate	Diesel	923741.4537	812037.4	1160.92192	30045383.8	1.13756	0.031
Statewide Totals	2006 Light Commercial Aggregate	Aggregate	Diesel	4247554.931	1634685.35	14261.88727	53944616.55	2.598393	0.079
Statewide Totals	2006 Light Commercial Aggregate	Aggregate	Diesel	21330.16948	16446.9	424.9657328	624982.2	1.296911	0.034
Statewide Totals	2006 Light Commercial Aggregate	Aggregate	Diesel	2352194.583	853366.35	7426.002716	31574554.95	2.756371	0.074
Statewide Totals	2006 Light Commercial Aggregate	Aggregate	Diesel	4765138.347	3202207.05	8459.215527	147301524.3	1.488079	0.032
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	2940546.788	511255.1105	1437.626323	112502932.6	5.751623	0.026
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	6960102.29	2019619.517	4329.628014	466779207.3	3.446244	0.015
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	17220457.52	3647086.531	7975.336709	776467475.4	4.721702	0.022
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	30977111.48	9886601.152	15509.61525	1558677510	3.133242	0.020
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	11736403.21	2921195.518	5014.943086	553693979.3	4.017671	0.021
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	631.8640887	0	90.30219966	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	979.9264066	0	632.2499873	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	32325.52637	22673.8	58.2762946	748235.4	1.425677	0.043
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	86.08937852	0	26.46957413	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	478.7765248	0	41.93000035	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	1742.651516	0	393.2116385	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	172.3070188	0	16.27000014	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	250.8393261	0	41.12291978	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	601.9304666	0	366.0600325	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	3748.204796	0	1110.944635	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	74.38402449	0	9.075897317	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	23310.19729	8026.35	3215.76559	296974.95	2.904209	0.078
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	33587.51828	0	4571.66789	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	2707.716073	0	304.7860953	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	3143.16478	0	491.9398908	0		
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	6543452.905	2316089.882	3528.465383	286487714.2	2.825215	0.023
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	39419571.18	4929056.685	3693.164321	1993903830	7.997386	0.020
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	8782626.684	2355617.972	5341.549455	406316379.5	3.728375	0.022
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	2064679.344	740747.0573	1896.829294	95814741.36	2.787293	0.022
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	1202198.592	494388.0679	1074.730358	65007883.09	2.43169	0.018
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	5360124.909	3356770.523	9879.144772	269936014.8	1.59681	0.020
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	5817599.655	2777899.201	9961.494241	279419606.9	2.094244	0.021
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	3441474.207	669965.4755	880.7205921	167561409.8	5.136793	0.021
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	47361629.47	12517172.48	12910.72183	2532260922	3.783732	0.019
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	30791067.94	3356111.154	7250.940533	1232203856	9.174627	0.025
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	5643516.856	4443915.789	12917.7006	291025116.1	1.269942	0.019
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	647450.0805	157621.6181	593.1953275	41491636.69	4.107622	0.016
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	43303443.34	23033558.36	38959.67336	2257589498	1.880015	0.019
Statewide Totals	2007 Construction and Aggregate	Aggregate	Diesel	1781628.374	838623.2815	2340.678975	66079401.27	2.124468	0.027
Statewide Totals	2007 Industrial - Aerial Aggregate	Aggregate	Diesel	2740118.324	2638173.599	8780.021471	165903557.8	1.038642	0.017
Statewide Totals	2007 Industrial - Forklif Aggregate	Aggregate	Diesel	11530318.84	12333154.94	16467.7781	1103681695	0.934904	0.010
Statewide Totals	2007 Industrial - Misc - Aggregate	Aggregate	Diesel	3333.282499	0	1220.785625	0		
Statewide Totals	2007 Industrial - Misc - Aggregate	Aggregate	Diesel	2706.689658	0	322.4049285	0		
Statewide Totals	2007 Industrial - Misc - Aggregate	Aggregate	Diesel	865.9481954	0	158.3581984	0		
Statewide Totals	2007 Industrial - Other Aggregate	Aggregate	Diesel	5568091.715	3479375.215	4193.067842	306652860.5	1.600314	0.018
Statewide Totals	2007 Industrial - Other Aggregate	Aggregate	Diesel	3264585.896	951015.2416	1261.272572	159158289	3.432738	0.021
Statewide Totals	2007 Light Commercial Aggregate	Aggregate	Diesel	929497.1511	817924.85	1169.311735	30263219.45	1.136409	0.031
Statewide Totals	2007 Light Commercial Aggregate	Aggregate	Diesel	4274806.892	1646613.55	14365.29991	54338247.15	2.59612	0.079
Statewide Totals	2007 Light Commercial Aggregate	Aggregate	Diesel	21448.09244	16556.4	428.2253152	629143.2	1.295456	0.034
Statewide Totals	2007 Light Commercial Aggregate	Aggregate	Diesel	2367178.429	859607.85	7479.898351	31805490.45	2.753789	0.074
Statewide Totals	2007 Light Commercial Aggregate	Aggregate	Diesel	4795037.52	3225556.1	8520.542693	148375580.6	1.486577	0.032
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	2604527.62	451199.3734	1326.172337	99929270.3	5.772454	0.026
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	6143525.615	1782183.314	3993.967563	412041837.5	3.447191	0.015
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	15204460.3	3218454.931	7357.037606	685179218.3	4.724149	0.022
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	27328480.89	8724638.286	14307.21069	1374324537	3.132334	0.020
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	10316671.92	2577988.177	4626.152628	487915312.5	4.001831	0.021
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	609.7361915	0	92.5372478	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	963.3660059	0	643.1300096	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	32819.35272	23071.65	59.46154416	761364.45	1.422497	0.043
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	79.06986572	0	26.89088308	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	482.501826	0	42.64999862	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	1760.248175	0	400.8108034	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	161.3194129	0	16.68999946	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	241.7011137	0	41.78843854	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	604.157989	0	372.3999764	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	3756.811347	0	1131.665888	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	78.66372409	0	9.787618757	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	23695.03481	8165.05	3271.094603	302106.85	2.902007	0.078
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	32688.47577	0	4627.643324	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	2624.602753	0	310.2379943	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	3188.783653	0	503.9784897	0		
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	5776831.476	2043928.013	3254.916183	252882931.4	2.826338	0.023
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	34805232.62	4349655.7	3406.846606	1760771693	8.001836	0.020
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	7752898.34	2078779.955	4927.438383	358518813.7	3.729543	0.022
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	1821876.314	653653.9869	1749.774957	84544420.83	2.787218	0.022
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	1061110.787	436283.7771	991.410388	57370989.91	2.432157	0.018
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	4730327.899	2962261.755	9113.250293	238229899.1	1.596864	0.020
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	5132804.958	2451118.987	9189.215505	246467107.1	2.094066	0.021
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	3033967.665	591208.633	812.4414997	147921569.9	5.131805	0.021
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	41804366.43	11046092.85	11909.80012	2232868191	3.784539	0.019
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	27174262.46	2961423.055	6688.801254	1087474399	9.176083	0.025
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	4981879.591	3921869.761	11916.23784	257124073.2	1.270282	0.019
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	571083.5143	139083.9512	547.2070323	36600975.67	4.106035	0.016
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	38257364.37	20326773.76	35939.27034	1996525308	1.882117	0.019
Statewide Totals	2008 Construction and Aggregate	Aggregate	Diesel	1571179.571	740073.0712	2159.214572	58305279.94	2.123006	0.027
Statewide Totals	2008 Industrial - Aerial Aggregate	Aggregate	Diesel	2417951.152	2327992.494	8098.85772	146396932.4	1.038642	0.017
Statewide Totals	2008 Industrial - Forklif Aggregate	Aggregate	Diesel	10174651.03	10883094.33	15190.18971	973918652.1	0.934904	0.010
Statewide Totals	2008 Industrial - Misc - Aggregate	Aggregate	Diesel	3205.143998	0	1213.866538	0		
Statewide Totals	2008 Industrial - Misc - Aggregate	Aggregate	Diesel	2611.221748	0	313.7186661	0		
Statewide Totals	2008 Industrial - Misc - Aggregate	Aggregate	Diesel	842.7311395	0	156.0337701	0		
Statewide Totals	2008 Industrial - Other Aggregate	Aggregate	Diesel	4913427.883	3070290.518	3867.765014	270587957.2	1.600314	0.018
Statewide Totals	2008 Industrial - Other Aggregate	Aggregate	Diesel	2880754.878	839200.402	1163.421655	140428679.7	3.432738	0.021
Statewide Totals	2008 Light Commercial Aggregate	Aggregate	Diesel	935291.8939	823867.05	1177.741648	30483080.85	1.135246	0.031
Statewide Totals	2008 Light Commercial Aggregate	Aggregate	Diesel	4301980.779	1658549.05	14468.72196	54732118.65	2.593822	0.079
Statewide Totals	2008 Light Commercial Aggregate	Aggregate	Diesel	21601.29017	16680.5	430.9751622	633859	1.295003	0.034
Statewide Totals	2008 Light Commercial Aggregate	Aggregate	Diesel	2382270.723	865739.85	7533.704035	32032374.45	2.751717	0.074
Statewide Totals	2008 Light Commercial Aggregate	Aggregate	Diesel	4824994.352	3248784.7	8582.260055	149444096.2	1.485169	0.032
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	2049028.031	356500.5946	1135.092336	78835592.41	5.747615	0.026
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	4836917.875	1404251.033	3414.827801	324642830.4	3.444482	0.015
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	11971813.02	2536320.991	6290.06449	539734787	4.720149	0.022
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	21513679.69	6867990.685	12225.53691	1081653360	3.132456	0.020
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	8134212.545	2029294.697	3952.3	384614066.3	4.008394	0.021
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	601.9193686	0	95.23884328	0		
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	949.5279099	0	653.9199768	0		
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	33356.73715	23447.6	60.50108915	773770.8	1.422608	0.043
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	77.43064399	0	27.47884362	0		
Statewide Totals	2009 Construction and Aggregate	Aggregate	Diesel	488.2070976	0	43.27999923	0		

Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	1784.178501	0	408.4403821	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	149.8470194	0	16.9399997	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	234.3610156	0	42.48554597	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	611.7556715	0	378.6900101	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	3788.616651	0	1153.087689	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	84.03004872	0	10.5379992	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	24094.49829	8343.9	3326.466347	308724.3	2.887678	0.078
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	31908.95106	0	4686.560221	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	2568.832538	0	315.5958643	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	3268.831104	0	516.7690952	0	
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	4558574.7	1610412.93	2783.105804	199716177.6	2.830687	0.023
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	27401308.13	3427756.962	2912.884615	1387923096	7.993947	0.020
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	6105713.489	1637474.395	4211.97367	282699286.8	3.728738	0.022
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	1434870.558	514518.1256	1494.9	66567220.82	2.788766	0.022
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	835332.4741	343447.1156	847	45152484.3	2.432201	0.019
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	3723739.268	2333889.142	7792.837481	187732420.2	1.595508	0.020
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	4040716.558	1929626.26	7850.7	194024034.4	2.094041	0.021
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	2388517.707	465416.3683	694.1	116497598.2	5.132002	0.021
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	32891758.16	8692791.652	10175	1756118833	3.783797	0.019
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	21392304.46	2332310.671	5716.80006	856483575.6	9.17215	0.025
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	3921805.469	3084588.199	10180.5	202285906.1	1.271419	0.019
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	449645.3824	109495.1786	467.5	28781436.16	4.106531	0.016
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	30134829.43	16002653.49	30706.63573	1573817666	1.883115	0.019
Statewide Totals	2009 Construction and	Aggregate	Aggregate	Diesel	1236890.07	582586.7344	1844.7	45900437.09	2.1231	0.027
Statewide Totals	2009 Industrial - Aerial	Aggregate	Aggregate	Diesel	1902109.569	1831507	6919.165436	115162930.8	1.038549	0.017
Statewide Totals	2009 Industrial - Forklif	Aggregate	Aggregate	Diesel	8008739.005	8568294.574	12979.91371	766736674.7	0.934695	0.010
Statewide Totals	2009 Industrial - Misc -	Aggregate	Aggregate	Diesel	3090.851511	0	1209.068332	0	
Statewide Totals	2009 Industrial - Misc -	Aggregate	Aggregate	Diesel	2531.446436	0	305.3798921	0	
Statewide Totals	2009 Industrial - Misc -	Aggregate	Aggregate	Diesel	829.7941023	0	154.2212754	0	
Statewide Totals	2009 Industrial - Other	Aggregate	Aggregate	Diesel	3867991.152	2417020.63	3304.380312	213014786.7	1.600314	0.018
Statewide Totals	2009 Industrial - Other	Aggregate	Aggregate	Diesel	2267812.746	660642.5914	993.9558366	110549478.6	3.432738	0.021
Statewide Totals	2009 Light Commercial	Aggregate	Aggregate	Diesel	940902.5348	829776.4	1186.191513	30701726.8	1.133923	0.031
Statewide Totals	2009 Light Commercial	Aggregate	Aggregate	Diesel	4329165.866	1670466.3	14572.44464	55125387.9	2.591591	0.079
Statewide Totals	2009 Light Commercial	Aggregate	Aggregate	Diesel	21770.83878	16800.95	434.014995	638436.1	1.29581	0.034
Statewide Totals	2009 Light Commercial	Aggregate	Aggregate	Diesel	2397290.73	871871.85	7588.059677	32259258.45	2.749591	0.074
Statewide Totals	2009 Light Commercial	Aggregate	Aggregate	Diesel	4854787.358	3272126.45	8644.057086	150517816.7	1.48368	0.032
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	1842363.596	320759.2047	1057.658728	70959657.8	5.743759	0.026
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	4353408.572	1263908.706	3181.875441	292224537.5	3.444401	0.015
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	10775586.33	2282958.616	5860.969539	485837028	4.720009	0.022
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	19364674.15	6183115.009	11391.53653	973943542.5	3.131864	0.020
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	7321343.483	1826492.039	3682.682419	346197021	4.008418	0.021
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	609.5977392	0	98.20852982	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	938.2447104	0	664.9699878	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	33849.86795	23867.35	61.40193423	787622.55	1.41825	0.043
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	76.18236294	0	27.94013526	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	496.1766046	0	44.06000292	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	1811.853435	0	415.7811162	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	146.6815096	0	17.22000114	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	229.7171362	0	43.18245705	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	620.3675052	0	385.0000447	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	3839.28186	0	1174.701635	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	89.49871299	0	11.24536393	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	24435.26875	8497.2	3381.746307	314396.4	2.875685	0.078
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	31172.08354	0	4747.53629	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	2526.434375	0	321.0088496	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	3353.138269	0	528.6368783	0	
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	4102293.945	1449422.48	2593.248188	179716735.2	2.830296	0.023
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	24658843.92	3084981.265	2714.173762	1249033334	7.993191	0.020
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	5493577.639	1473919.308	3924.641698	254310968.8	3.72719	0.022
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	1291368.249	463109.4154	1392.921071	59912984.47	2.788473	0.022
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	751715.4495	309118.7976	789.2194441	40623033.19	2.431801	0.019
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	3351006.791	2100705.019	7261.226522	168953831.3	1.595182	0.020
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	3636059.146	1736253.097	7315.141782	174497467.1	2.094199	0.021
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	2148158.44	418894.818	646.74996	104842903.3	5.128157	0.020
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	29598027.31	7823431.883	9480.882932	1580222847	3.783254	0.019
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	19251669.56	2099067.183	5326.812002	770815626.9	9.171536	0.025
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	3528745.153	2778036.887	9486.007733	182061424.7	1.27023	0.019
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	404516.55	98537.90495	435.6081347	25892832.74	4.105187	0.016
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	27116519.53	14399691.08	28611.89372	1415587873	1.883132	0.019
Statewide Totals	2010 Construction and	Aggregate	Aggregate	Diesel	1112981.96	524356.1623	1718.858452	41301637.41	2.122569	0.027
Statewide Totals	2010 Industrial - Aerial	Aggregate	Aggregate	Diesel	1711917.896	1647751.687	6447.154544	103610680	1.038942	0.017
Statewide Totals	2010 Industrial - Forklif	Aggregate	Aggregate	Diesel	7207865.104	7711465.116	12094.45134	690022839.3	0.934695	0.010
Statewide Totals	2010 Industrial - Misc -	Aggregate	Aggregate	Diesel	2999.067039	0	1211.994388	0	
Statewide Totals	2010 Industrial - Misc -	Aggregate	Aggregate	Diesel	2465.722258	0	298.417387	0	
Statewide Totals	2010 Industrial - Misc -	Aggregate	Aggregate	Diesel	806.3751166	0	149.8738626	0	
Statewide Totals	2010 Industrial - Other	Aggregate	Aggregate	Diesel	3481192.037	2175318.567	3078.962447	191716394	1.600314	0.018
Statewide Totals	2010 Industrial - Other	Aggregate	Aggregate	Diesel	2041031.471	594578.3323	926.150263	99495939.4	3.432738	0.021
Statewide Totals	2010 Light Commercial	Aggregate	Aggregate	Diesel	946323.9911	835667.5	1194.501471	30919697.5	1.132417	0.031
Statewide Totals	2010 Light Commercial	Aggregate	Aggregate	Diesel	4355865.364	1682259.45	14675.93677	55514561.85	2.589295	0.078
Statewide Totals	2010 Light Commercial	Aggregate	Aggregate	Diesel	21918.6219	16910.45	436.9148087	642597.1	1.296158	0.034
Statewide Totals	2010 Light Commercial	Aggregate	Aggregate	Diesel	2411920.317	878091.45	7641.705623	32489383.65	2.746776	0.074
Statewide Totals	2010 Light Commercial	Aggregate	Aggregate	Diesel	4883292.282	3295431.7	8705.114257	151589858.2	1.481837	0.032
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	1935454.289	337618.8105	1094.730025	74606951.73	5.732661	0.026
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	4582361.061	1330266.362	3293.401256	307570362.6	3.444694	0.015
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	11342841.04	2402871.046	6066.398511	511316263	4.720537	0.022
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	20382861.98	6507959.742	11790.81375	1025333972	3.13199	0.020
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	7706073.859	1922499.441	3811.761688	364326522	4.008362	0.021
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	622.5619646	0	101.3023856	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	930.2877705	0	675.9399761	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	34336.41589	24257.9	62.20866241	800510.7	1.415474	0.043
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	75.16793355	0	28.38416487	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	504.1854696	0	44.81000057	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	1843.419925	0	423.2706782	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	145.0560016	0	17.59000023	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	226.9558526	0	43.89467145	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	629.6165092	0	391.2399894	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	3906.381122	0	1196.555084	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	92.66474124	0	11.65694458	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	24823.72026	8643.2	3437.166463	319798.4	2.872052	0.078
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	30493.0203	0	4810.121623	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	2499.388983	0	326.4203852	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	3420.38571	0	538.3533258	0	
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	4316748.382	1525584.112	2684.142418	189148187.6	2.829571	0.023
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	25944400.58	3247068.612	2809.306474	1314438620	7.990099	0.020
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	5782490.63	1551335.983	4062.201722	267775290.2	3.727426	0.022
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	1359142.109	487480.0133	1441.743427	63043378.89	2.788098	0.022
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	791249.4182	325385.3923	816.8818535	42768638.5	2.43173	0.019
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	3525628.552	2211033.179	7515.734977	177745401.8	1.594562	0.020
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	3826005.439	1828230.382	7571.539985	183672915	2.092737	0.021
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	2261853.224	440910.5795	669.4187656	110326617.4	5.129959	0.021
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	31140714.48	8234491.928	9813.191097	1663139675	3.781741	0.019
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	20263937.01	2209225.516	5513.518571	811318327.2	9.172417	0.025
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	3712337.604	2923875.423	9818.495525	191545796.1	1.269663	0.019
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	425418.6002	103728.2386	450.8763477	27240318.75	4.10128	0.016
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	28509222.3	15156396.69	29614.7503	1487931745	1.881003	0.019
Statewide Totals	2011 Construction and	Aggregate	Aggregate	Diesel	1171791.47	551918.9444	1779.105024	43471340.39	2.123122	0.027
Statewide Totals	2011 Industrial - Aerial	Aggregate	Aggregate	Diesel	1801877.823	1734339.731	6673.129499	109050273.3	1.038942	0.017
Statewide Totals	2011 Industrial - Forklif	Aggregate	Aggregate	Diesel	7586632.695	8116696.488	12518.36596	726251053.2	0.934695	0.010
Statewide Totals	2011 Industrial - Misc -	Aggregate	Aggregate	Diesel	2941.387873	0	1226.879339	0	
Statewide Totals	2011 Industrial - Misc -	Aggregate	Aggregate	Diesel	2416.513865	0	293.286565	0	
Statewide Totals	2011 Industrial - Misc -	Aggregate	Aggregate	Diesel	775.3881564	0	144.0751572	0	
Statewide Totals	2011 Industrial - Other	Aggregate	Aggregate	Diesel	3664125.916	2289629.831	3186.881126	201767674.6	1.600314	0.018
Statewide Totals	2011 Industrial - Other	Aggregate	Aggregate	Diesel	2148286.055	625822.9518	958.6121441	104730287	3.432738	0.021

Statewide Totals	2011 Light Commercial Aggregate	Aggregate	Diesel	951051.803	841408.95	1202.571259	31132131.15	1.130309	0.031
Statewide Totals	2011 Light Commercial Aggregate	Aggregate	Diesel	4380942.883	1693735.05	14775.24935	55893256.65	2.586557	0.078
Statewide Totals	2011 Light Commercial Aggregate	Aggregate	Diesel	22091.27294	17049.15	439.9446507	647867.7	1.29574	0.034
Statewide Totals	2011 Light Commercial Aggregate	Aggregate	Diesel	2425505.059	884092.05	7693.381471	32711405.85	2.743498	0.074
Statewide Totals	2011 Light Commercial Aggregate	Aggregate	Diesel	4909077.646	3317791.6	8764.111695	152618413.6	1.479622	0.032
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	2031876.497	354460.0829	1130.992419	78361007.13	5.732314	0.026
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	4810552.454	1396693.846	3402.493553	322847835.4	3.444243	0.015
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	11908662.19	2522777.962	6267.344979	536709918	4.720456	0.022
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	21401545.97	6832931.988	12181.37866	1076487406	3.132118	0.020
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	8090893.479	2018403.237	3938.02442	382500929.4	4.008561	0.021
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	638.8617751	0	104.1383145	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	928.8878283	0	686.9000044	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	34852.00129	24688.6	63.0963216	814723.8	1.411664	0.043
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	74.5302061	0	28.86868351	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	511.7438292	0	45.4900017	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	1874.720356	0	430.5414164	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	143.8400898	0	17.86000067	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	230.4559611	0	44.66655822	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	639.8098089	0	397.7100332	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	3976.29825	0	1217.819625	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	93.96268409	0	11.82772467	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	25194.10904	8822.05	3492.681887	326415.85	2.855811	0.077
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	29861.71846	0	4868.259266	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	2488.375401	0	331.8262032	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	3475.768417	0	546.4068046	0		
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	4532673.688	1601808.375	2773.053316	198608658.7	2.829723	0.023
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	27237722.24	3409140.868	2902.36337	1380314570	7.989615	0.020
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	6070922.392	1628798.752	4196.760157	281129490.3	3.727239	0.022
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	1427016.257	511776.9435	1489.500469	66185033.88	2.788356	0.022
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	830689.9266	341628.2059	843.9406633	44902403.12	2.431561	0.018
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	3701218.187	2321404.122	7764.690003	186598138.7	1.594388	0.020
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	4016358.039	1919180.187	7822.343524	192770097.4	2.092747	0.021
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	2374482.306	462911.1194	691.5929331	115783294.3	5.129456	0.021
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	32690892.76	8645708.429	10138.24823	1746150352	3.78117	0.019
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	21276996.77	2319659.799	5696.151163	852011139.1	9.172464	0.025
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	3896018.901	3070054.935	10143.72836	201073338.1	1.269039	0.019
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	446309.831	108905.8673	465.811405	28578471.56	4.098125	0.016
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	29926865.14	15913078.07	30595.72435	1561759642	1.880646	0.019
Statewide Totals	2012 Construction and Aggregate	Aggregate	Diesel	1230378.781	579475.1002	1838.037003	45643630.57	2.123264	0.027
Statewide Totals	2012 Industrial - Aerial Aggregate	Aggregate	Diesel	1891837.75	1820927.774	6894.173633	114491369.4	1.038942	0.017
Statewide Totals	2012 Industrial - Forklif Aggregate	Aggregate	Diesel	7965400.286	8521927.86	12933.03068	762518330	0.934695	0.010
Statewide Totals	2012 Industrial - Misc - Aggregate	Aggregate	Diesel	2888.217183	0	1240.168097	0		
Statewide Totals	2012 Industrial - Misc - Aggregate	Aggregate	Diesel	2371.472735	0	288.6230278	0		
Statewide Totals	2012 Industrial - Misc - Aggregate	Aggregate	Diesel	738.4164423	0	137.2824835	0		
Statewide Totals	2012 Industrial - Other Aggregate	Aggregate	Diesel	3847059.794	2403941.095	3292.444996	211846580.2	1.600314	0.018
Statewide Totals	2012 Industrial - Other Aggregate	Aggregate	Diesel	2255540.639	657067.5712	990.3657001	109926359.9	3.432738	0.021
Statewide Totals	2012 Light Commercial Aggregate	Aggregate	Diesel	952734.0322	844573.5	1207.021171	31249219.5	1.128065	0.030
Statewide Totals	2012 Light Commercial Aggregate	Aggregate	Diesel	4392478.098	1700060.5	14830.99557	56101996.5	2.583719	0.078
Statewide Totals	2012 Light Commercial Aggregate	Aggregate	Diesel	22167.17175	17118.5	441.9443201	650503	1.294925	0.034
Statewide Totals	2012 Light Commercial Aggregate	Aggregate	Diesel	2431625.302	887468.3	7722.519096	32836327.1	2.739957	0.074
Statewide Totals	2012 Light Commercial Aggregate	Aggregate	Diesel	4919263.877	3330260	8797.450324	153191960	1.477141	0.032
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	2127440.256	371297.79	1166.496658	82146332.81	5.729741	0.026
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	5039357.465	1463115.729	3509.305005	338204921	3.444264	0.015
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	12474009.94	2642813.008	6464.090163	562074596.5	4.719974	0.022
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	22424057.76	7157800.195	12563.77784	1128499317	3.132814	0.020
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	8473116.232	2114381.556	4061.647316	400498383.1	4.007373	0.021
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	651.4801192	0	106.3006178	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	930.1417682	0	697.689984	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	35360.14575	25028.05	63.9634897	825925.65	1.412821	0.043
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	74.20571728	0	29.28052066	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	520.293475	0	46.24999833	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	1907.216406	0	438.062079	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	142.8025185	0	18.11999934	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	233.7240904	0	45.38096725	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	649.783877	0	403.9099802	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	4041.016379	0	1237.42359	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	93.85947594	0	11.81857319	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	25575.40313	8953.45	3548.141732	331277.65	2.856486	0.077
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	29698.39398	0	4925.932254	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	2498.185443	0	337.2969624	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	3518.862827	0	553.0828881	0		
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	4748984.782	1677950.513	2860.105311	208145939.6	2.830229	0.023
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	28535424.68	3571370.013	2993.47468	1446254304	7.99005	0.020
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	6356813.367	1706304.051	4328.505314	294421080.2	3.725487	0.022
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	1495391.621	536149.589	1536.259032	69393567.83	2.789131	0.022
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	869514.421	357818.6147	870.4337415	47031018.37	2.430042	0.018
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	3877168.165	2431724.631	8008.440006	195487853.3	1.594411	0.020
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	4206579.069	2010708.24	8067.903393	201898897.8	2.092088	0.021
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	2487120.642	484931.426	713.3034946	121348158.8	5.128809	0.020
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	34241352.76	9056777.292	10456.50923	1829353387	3.780744	0.019
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	22289084.68	2429948.974	5874.965367	892518853.4	9.172655	0.025
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	4079270.105	3216091.704	10462.1614	210561390.1	1.268394	0.019
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	467426.2401	114083.3941	480.434208	29932936.42	4.097233	0.016
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	31333045.29	16669619.64	31556.18869	1635640777	1.87965	0.019
Statewide Totals	2013 Construction and Aggregate	Aggregate	Diesel	1288469.423	607019.6629	1895.736863	47827816.64	2.122616	0.027
Statewide Totals	2013 Industrial - Aerial Aggregate	Aggregate	Diesel	1981797.677	1907515.818	7110.596291	119934146.1	1.038942	0.017
Statewide Totals	2013 Industrial - Forklif Aggregate	Aggregate	Diesel	8344167.876	8927159.231	13339.0258	798756206	0.934695	0.010
Statewide Totals	2013 Industrial - Misc - Aggregate	Aggregate	Diesel	2871.356859	0	1253.77034	0		
Statewide Totals	2013 Industrial - Misc - Aggregate	Aggregate	Diesel	2338.906641	0	285.2352863	0		
Statewide Totals	2013 Industrial - Misc - Aggregate	Aggregate	Diesel	707.5454597	0	131.6924806	0		
Statewide Totals	2013 Industrial - Other Aggregate	Aggregate	Diesel	4029993.673	2518252.36	3395.801792	221950283.2	1.600314	0.018
Statewide Totals	2013 Industrial - Other Aggregate	Aggregate	Diesel	2362795.223	688312.1907	1021.455369	115165334.6	3.432738	0.021
Statewide Totals	2013 Light Commercial Aggregate	Aggregate	Diesel	954283.4711	847676	1211.681002	31364012	1.125764	0.030
Statewide Totals	2013 Light Commercial Aggregate	Aggregate	Diesel	4403728.993	1706469.9	14885.9014	56313506.7	2.580607	0.078
Statewide Totals	2013 Light Commercial Aggregate	Aggregate	Diesel	22237.30891	17191.5	443.3942326	653277	1.293506	0.034
Statewide Totals	2013 Light Commercial Aggregate	Aggregate	Diesel	2437450.78	890764.25	7750.886674	32958277.25	2.736359	0.074
Statewide Totals	2013 Light Commercial Aggregate	Aggregate	Diesel	4928772.88	3342633.5	8829.858669	153761141	1.474518	0.032
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	2223263.836	388144.169	1201.288395	85848786.69	5.727933	0.026
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	5267986.841	1529535.371	3613.972958	353613155.7	3.444175	0.015
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	13036281.18	2762781.005	6656.887051	587555624	4.718536	0.022
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	23445008.76	7482782.337	12938.50301	1180298027	3.133194	0.020
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	8854545.915	2210457.071	4182.789339	418560686.5	4.005753	0.021
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	660.0087359	0	107.7007661	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	938.4163207	0	708.6299625	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	35839.42333	25480.65	64.93930961	840861.45	1.406535	0.043
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	74.58625082	0	29.7736769	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	528.730661	0	46.99999658	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	1939.678207	0	445.5592351	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	142.0547847	0	18.36999866	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	237.2023659	0	46.12701227	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	659.9510185	0	410.2299485	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	4101.344412	0	1255.586725	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	92.8792229	0	11.69564878	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	25927.4803	9110.4	3603.655666	337084.8	2.845921	0.077
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	29700.52153	0	4987.751657	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	2521.768609	0	342.7836826	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	3550.768144	0	557.4701047	0		
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	4963686.353	1754142.991	2945.41034	217640206.9	2.829693	0.023
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	29775675.07	3733437.022	3082.757563	1509870610	7.975406	0.020
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	6638406.143	1783747.326	4457.6066	307569757.3	3.721607	0.022
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	1563249.866	560475.8997	1582.079241	72572099.96	2.789147	0.022
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	908977.7103	374075.988	896.3951548	49172887.02	2.429928	0.018
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	4052285.696	2542170.732	8247.298419	204341307.1	1.594026	0.020

Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	4397268.55	2101628.154	8308.535351	211007301.8	2.092315	0.021
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	2598037.351	506943.9635	734.5783671	126785722.3	5.1249	0.020
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	35761777.21	9467827.819	10768.38335	1911868373	3.777189	0.019
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	23295728.49	2540228.075	6050.191116	933073821	9.170723	0.025
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	4264770.007	3362019.272	10774.2041	220143407	1.268514	0.019
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	488809.0308	119254.9528	494.7635595	31299738.91	4.098857	0.016
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	32708313.64	17426398.1	32497.37838	1708530359	1.876941	0.019
Statewide Totals	2014 Construction and Aggregate	Aggregate	Diesel	1345685.976	634570.0821	1952.278798	49976773.23	2.120626	0.027
Statewide Totals	2014 Industrial - Aerial Aggregate	Aggregate	Diesel	2071757.603	1994103.861	7322.675764	125378737.6	1.038942	0.017
Statewide Totals	2014 Industrial - Forklif Aggregate	Aggregate	Diesel	8722935.467	9332390.603	13736.87339	834979179.4	0.934695	0.010
Statewide Totals	2014 Industrial - Misc - Aggregate	Aggregate	Diesel	2863.829375	0	1266.088416	0		
Statewide Totals	2014 Industrial - Misc - Aggregate	Aggregate	Diesel	2313.756325	0	282.5373079	0		
Statewide Totals	2014 Industrial - Misc - Aggregate	Aggregate	Diesel	678.8394122	0	126.4331287	0		
Statewide Totals	2014 Industrial - Other Aggregate	Aggregate	Diesel	4212927.552	2632563.624	3497.084417	232036325.8	1.600314	0.018
Statewide Totals	2014 Industrial - Other Aggregate	Aggregate	Diesel	2470049.807	719556.8102	1051.921129	120385894.9	3.432738	0.021
Statewide Totals	2014 Light Commercial Aggregate	Aggregate	Diesel	955824.8408	850760.25	1216.510904	31478129.25	1.123495	0.030
Statewide Totals	2014 Light Commercial Aggregate	Aggregate	Diesel	4415154.938	1712802.65	14941.0276	56522487.45	2.577737	0.078
Statewide Totals	2014 Light Commercial Aggregate	Aggregate	Diesel	22300.89715	17271.8	445.2541479	656328.4	1.291174	0.034
Statewide Totals	2014 Light Commercial Aggregate	Aggregate	Diesel	2443295.288	894063.85	7779.754473	33080362.45	2.732797	0.074
Statewide Totals	2014 Light Commercial Aggregate	Aggregate	Diesel	4938138.472	3355101.9	8862.487328	154334687.4	1.47183	0.032
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	2318400.073	404993.4221	1235.408879	89523084.35	5.724538	0.026
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	5496218.751	1595983.757	3716.621503	368951154	3.443781	0.015
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	13604717.29	2882725.369	6845.964218	613165109.2	4.719394	0.022
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	24461348.25	7807547.248	13305.99843	1231477163	3.133039	0.020
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	9238228.06	2306398.243	4301.594113	436630310.9	4.005478	0.021
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	665.8325869	0	108.6187065	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	948.3324782	0	719.5699786	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	36384.80318	25845.65	65.87926093	852906.45	1.407773	0.043
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	75.28737561	0	30.28190612	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	537.0554046	0	47.74000133	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	1972.615056	0	453.1446484	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	142.2488982	0	18.65000053	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	240.8617487	0	46.89378996	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	670.0700214	0	416.5199829	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	4158.728435	0	1272.879023	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	91.44704374	0	11.51530414	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	26315.93149	9289.25	3659.115784	343702.25	2.832945	0.077
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	29735.64456	0	5049.494295	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	2555.856769	0	348.2695995	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	3573.945973	0	561.1790766	0		
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	5178739.276	1830278.69	3029.06954	227099183.5	2.829481	0.023
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	31053760.43	3895584.2	3170.317869	1575220182	7.971528	0.020
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	6924628.55	1861185.758	4584.217074	320811075.1	3.720547	0.022
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	1631226.308	584811.6067	1627.015419	75730059.86	2.789319	0.022
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	948647.5537	390313.9527	921.8556824	51323689.17	2.430473	0.018
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	4228568.6	2652518.296	8481.548423	213219213.1	1.594171	0.020
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	4588736.187	2192902.042	8544.524682	220193273.8	2.09254	0.021
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	2710928.06	528946.3553	755.4427735	132203642.6	5.125147	0.021
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	37292001.87	9879015.496	11074.24034	1994771110	3.77487	0.019
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	24301785.57	2650506.417	6222.036152	973576463.8	9.168733	0.025
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	4448614.808	3508046.815	11080.22642	229556972.2	1.268117	0.019
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	509938.5212	124452.8323	508.8164481	32660277.6	4.097444	0.016
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	34113528.72	18182953.68	33420.40925	1782054974	1.876127	0.019
Statewide Totals	2015 Construction and Aggregate	Aggregate	Diesel	1403797.579	662132.9214	2007.729843	52130262.95	2.120114	0.027
Statewide Totals	2015 Industrial - Aerial Aggregate	Aggregate	Diesel	2161717.53	2080691.905	7530.663488	130824855.2	1.038942	0.017
Statewide Totals	2015 Industrial - Forklif Aggregate	Aggregate	Diesel	9101703.058	9737621.975	14127.04511	871198344.3	0.934695	0.010
Statewide Totals	2015 Industrial - Misc - Aggregate	Aggregate	Diesel	2856.829396	0	1276.876151	0		
Statewide Totals	2015 Industrial - Misc - Aggregate	Aggregate	Diesel	2294.129898	0	280.2502831	0		
Statewide Totals	2015 Industrial - Misc - Aggregate	Aggregate	Diesel	652.1937552	0	121.4719464	0		
Statewide Totals	2015 Industrial - Other Aggregate	Aggregate	Diesel	4395861.43	2746874.888	3596.412948	242134566.7	1.600314	0.018
Statewide Totals	2015 Industrial - Other Aggregate	Aggregate	Diesel	2577304.391	750801.4297	1081.799098	125579872.2	3.432738	0.021
Statewide Totals	2015 Light Commercial Aggregate	Aggregate	Diesel	957438.0961	853884.65	1221.230864	31593732.05	1.121273	0.030
Statewide Totals	2015 Light Commercial Aggregate	Aggregate	Diesel	4427069.315	1719098.9	14996.36361	56730263.7	2.575227	0.078
Statewide Totals	2015 Light Commercial Aggregate	Aggregate	Diesel	22348.60611	17322.9	446.7040442	658270.2	1.290119	0.034
Statewide Totals	2015 Light Commercial Aggregate	Aggregate	Diesel	2449449.471	897224.75	7808.172594	33197315.75	2.730029	0.074
Statewide Totals	2015 Light Commercial Aggregate	Aggregate	Diesel	4948499.617	3367533.8	8895.355786	154906554.8	1.469473	0.032
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	2414870.855	421884.3856	1268.895524	93034870.97	5.724011	0.026
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	5725329.531	1662344.666	3817.363201	384392585	3.444129	0.015
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	14171282.45	3002717.662	7031.528999	638452186.9	4.719485	0.022
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	25470696.03	8132417.018	13666.66708	1282360052	3.131996	0.020
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	9615811.673	2402415.2	4418.191914	454480675.5	4.00256	0.021
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	670.7135852	0	109.3863017	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	958.7627836	0	730.4900048	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	36893.54921	26298.25	66.85122447	867842.25	1.40289	0.043
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	76.07573484	0	30.68512429	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	544.8176343	0	48.43000269	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	2005.348371	0	460.6681343	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	143.1804715	0	18.93000106	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	244.1744025	0	47.58472703	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	680.398128	0	422.9399989	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	4213.038163	0	1289.356508	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	90.34102047	0	11.37603009	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	26653.11863	9453.5	3714.489003	349779.5	2.819392	0.076
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	29771.6249	0	5105.187805	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	2595.849496	0	353.9884883	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	3586.476572	0	564.0997732	0		
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	5390729.54	1906441.687	3111.174647	236456279.3	2.827639	0.023
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	32313654.29	4057734.188	3256.251614	1639043921	7.963472	0.020
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	7212295.633	1938593.292	4708.475573	334187452.4	3.720376	0.022
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	1698849.974	609147.2059	1671.116841	78899000.75	2.788899	0.022
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	988143.3493	406575.7442	946.8432434	53448967.47	2.430404	0.018
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	4403996.479	2762866.809	8711.44689	222058124.6	1.593995	0.020
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	4781438.123	2284467.357	8776.130166	229477379.8	2.093021	0.021
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	2821917.389	550943.9397	775.9195929	137599209.5	5.121968	0.021
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	38827746.95	10290045.6	11374.41559	2079886854	3.773331	0.019
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	25299865.42	2760839.978	6390.688915	1013915149	9.163829	0.025
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	4632930.603	3654219.802	11380.56392	239140402	1.26783	0.019
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	531237.4485	129603.8869	522.6082837	33998364.77	4.098931	0.016
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	35487128.52	18939824.36	34326.29346	1854835700	1.873678	0.019
Statewide Totals	2016 Construction and Aggregate	Aggregate	Diesel	1462873.528	689649.1587	2062.150804	54295397.13	2.121185	0.027
Statewide Totals	2016 Industrial - Aerial Aggregate	Aggregate	Diesel	2251677.457	2167279.948	7734.787536	136269864.9	1.038942	0.017
Statewide Totals	2016 Industrial - Forklif Aggregate	Aggregate	Diesel	9480470.649	10142853.35	14509.96883	907430618.6	0.934695	0.010
Statewide Totals	2016 Industrial - Misc - Aggregate	Aggregate	Diesel	2847.724953	0	1284.847681	0		
Statewide Totals	2016 Industrial - Misc - Aggregate	Aggregate	Diesel	2268.314491	0	277.2629388	0		
Statewide Totals	2016 Industrial - Misc - Aggregate	Aggregate	Diesel	627.3022438	0	116.8854356	0		
Statewide Totals	2016 Industrial - Other Aggregate	Aggregate	Diesel	4578795.309	2861186.152	3693.896306	252249873.1	1.600314	0.018
Statewide Totals	2016 Industrial - Other Aggregate	Aggregate	Diesel	2684558.975	782046.0491	1111.12204	130801687.5	3.432738	0.021
Statewide Totals	2016 Light Commercial Aggregate	Aggregate	Diesel	956610.1239	854767.95	1222.140856	31626414.15	1.119146	0.030
Statewide Totals	2016 Light Commercial Aggregate	Aggregate	Diesel	4427646.768	1720708.55	15010.89238	56783382.15	2.573153	0.078
Statewide Totals	2016 Light Commercial Aggregate	Aggregate	Diesel	22412.31905	17315.6	447.1037963	657992.8	1.294343	0.034
Statewide Totals	2016 Light Commercial Aggregate	Aggregate	Diesel	2449496.89	898115.35	7815.971789	33230267.95	2.727374	0.074
Statewide Totals	2016 Light Commercial Aggregate	Aggregate	Diesel	4945785.934	3370639.95	8903.495469	155049437.7	1.467314	0.032
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	2511664.306	438711.3472	1301.782395	96827132.36	5.725095	0.026
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	5955444.131	1728749.627	3916.300528	399865904.1	3.444943	0.015
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	14737762.2	3122697.806	7213.770157	663916893	4.719561	0.022
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	26492900.42	8457336.695	14020.87585	1333669139	3.132535	0.020
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	9993036.796	2498391.68	4532.701348	472307398.4	3.999788	0.021
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	674.7499527	0	110.0305093	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	970.2950927	0	741.5800838	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	37354.95898	26637.7	67.89697567	879044.1	1.402334	0.042
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	77.36287709	0	31.23784401	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	552.6923534	0	49.13000319	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	2037.335516	0	468.0150983	0		

Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	145.0944415	0	19.26000125	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	247.1423134	0	48.16311332	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	690.2436025	0	429.0600098	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	4266.11576	0	1305.741355	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	90.19640961	0	11.35782025	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	26997.76474	9617.75	3769.917241	355856.75	2.807077	0.076
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	29854.16108	0	5160.248794	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	2635.164568	0	359.5490649	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	3603.129294	0	567.9916228	0		
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	5604031.487	1982608.615	3191.809182	246008364.3	2.826595	0.023
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	33597364.22	4219809.641	3340.646212	1704024405	7.96182	0.020
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	7495316.717	2016081.141	4830.508497	347367504.3	3.717765	0.022
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	1766111.325	633460.2373	1714.42837	82045332.93	2.788038	0.022
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	1027734.102	422808.2106	971.3832557	55574905.29	2.430734	0.018
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	4578808.465	2873364.049	8937.227679	230904779.6	1.593536	0.020
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	4972393.829	2375250.752	9003.587397	238625096.1	2.093418	0.021
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	2937549.32	572976.0808	796.029655	143032502.5	5.126827	0.021
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	40373009.95	10701170.54	11669.21444	2164116169	3.772766	0.019
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	26308871.28	2871109.609	6556.320962	1054303635	9.163311	0.025
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	4817536.045	3800162.045	11675.52212	248736215.4	1.267719	0.019
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	553551.8197	134797.7867	536.1530957	35410750.69	4.106535	0.016
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	36868190.68	19696073.06	35215.95252	1927640946	1.871855	0.019
Statewide Totals	2017 Construction and Aggregate	Aggregate	Diesel	1521757.807	717219.2132	2115.597039	56462467.57	2.121747	0.027
Statewide Totals	2017 Industrial - Aerial Aggregate	Aggregate	Diesel	2341637.384	2253867.991	7935.255547	141712163.8	1.038942	0.017
Statewide Totals	2017 Industrial - Forklif Aggregate	Aggregate	Diesel	9859238.239	10548084.72	14886.03405	943665016.4	0.934695	0.010
Statewide Totals	2017 Industrial - Misc - Aggregate	Aggregate	Diesel	2837.714708	0	1289.930226	0		
Statewide Totals	2017 Industrial - Misc - Aggregate	Aggregate	Diesel	2238.83886	0	273.8140383	0		
Statewide Totals	2017 Industrial - Misc - Aggregate	Aggregate	Diesel	600.1253619	0	111.872241	0		
Statewide Totals	2017 Industrial - Other Aggregate	Aggregate	Diesel	4761729.188	2975497.417	3789.633654	262327234.4	1.600314	0.018
Statewide Totals	2017 Industrial - Other Aggregate	Aggregate	Diesel	2791813.559	813290.6686	1139.919783	136015894.4	3.432738	0.021
Statewide Totals	2017 Light Commercial Aggregate	Aggregate	Diesel	955883.2953	855567.3	1223.520851	31655990.1	1.117251	0.030
Statewide Totals	2017 Light Commercial Aggregate	Aggregate	Diesel	4428469.823	1722402.15	15025.45147	56839270.95	2.571101	0.078
Statewide Totals	2017 Light Commercial Aggregate	Aggregate	Diesel	22428.90504	17315.6	448.0539746	657992.8	1.2953	0.034
Statewide Totals	2017 Light Commercial Aggregate	Aggregate	Diesel	2449905.829	899046.1	7823.701113	33264705.7	2.725006	0.074
Statewide Totals	2017 Light Commercial Aggregate	Aggregate	Diesel	4943897.721	3373906.7	8912.375053	155199708.2	1.465333	0.032
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	2600710.501	455569.5661	1334.10061	100237385.1	5.708701	0.026
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	6185084.17	1795170.638	4013.5271	415268584.8	3.445402	0.015
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	15288034.15	3242671.6	7392.860127	688884222.3	4.714642	0.022
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	27511101.3	8782172.005	14368.95989	1385149867	3.132608	0.020
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	10363463.48	2594349.704	4645.230764	489911541.3	3.994629	0.021
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	678.9694982	0	110.7589036	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	981.4349941	0	752.3100044	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	37893.07853	27101.25	68.84522914	894341.25	1.398204	0.042
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	78.26872975	0	31.61673887	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	561.0170008	0	49.86999906	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	2070.044867	0	475.5294855	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	146.8151033	0	19.52999963	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	250.5655176	0	48.83022769	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	700.3785693	0	435.3599743	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	4318.420499	0	1322.119078	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	90.74678718	0	11.42712551	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	27386.17899	9771.05	3825.3446	361528.85	2.802788	0.076
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	29950.75344	0	5211.721905	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	2674.818786	0	365.0893014	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	3632.877177	0	573.5551955	0		
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	5817236.929	2058796.176	3271.04944	255370443.7	2.825553	0.023
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	34894596.66	4381895.104	3423.581517	1766507745	7.963357	0.020
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	7785694.477	2093535.454	4950.431311	360675011.7	3.718922	0.022
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	1834278.702	657831.1998	1756.990985	85203895.13	2.788373	0.022
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	1067138.933	439054.3688	995.4989392	57721275.97	2.430539	0.018
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	4755062.216	2983679.631	9159.104423	239704124.5	1.593691	0.020
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	5162897.997	2466747.73	9227.111596	247779115.4	2.092998	0.021
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	3051135.404	594996.9664	815.7919879	148401466.6	5.127985	0.021
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	41919186.12	11112405.01	11958.91583	2247689189	3.772287	0.019
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	27322997.93	2981456.125	6719.089015	1094392818	9.164313	0.025
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	4998789.316	3945960.6	11965.38011	258154119.2	1.266812	0.019
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	573373.6653	139972.2538	549.4637002	36720093.75	4.096338	0.016
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	38225915.19	20452557.95	36090.22821	1999055270	1.869004	0.019
Statewide Totals	2018 Construction and Aggregate	Aggregate	Diesel	1580290.943	744816.1128	2168.119118	58617247.17	2.12172	0.027
Statewide Totals	2018 Industrial - Aerial Aggregate	Aggregate	Diesel	2431597.311	2340456.035	8132.257204	147166132.6	1.038942	0.017
Statewide Totals	2018 Industrial - Forklif Aggregate	Aggregate	Diesel	10238005.83	10953316.09	15255.59661	979980022	0.934695	0.010
Statewide Totals	2018 Industrial - Misc - Aggregate	Aggregate	Diesel	2826.043236	0	1293.006379	0		
Statewide Totals	2018 Industrial - Misc - Aggregate	Aggregate	Diesel	2205.313463	0	269.85321	0		
Statewide Totals	2018 Industrial - Misc - Aggregate	Aggregate	Diesel	576.0709662	0	107.4215984	0		
Statewide Totals	2018 Industrial - Other Aggregate	Aggregate	Diesel	4944663.066	3089808.681	3883.715578	272353437.8	1.600314	0.018
Statewide Totals	2018 Industrial - Other Aggregate	Aggregate	Diesel	2899068.143	844535.2881	1168.219576	141266132.4	3.432738	0.021
Statewide Totals	2018 Light Commercial Aggregate	Aggregate	Diesel	955220.5659	856319.2	1224.320912	31683810.4	1.115496	0.030
Statewide Totals	2018 Light Commercial Aggregate	Aggregate	Diesel	4429274.996	1724030.05	15039.37052	56892991.65	2.56914	0.078
Statewide Totals	2018 Light Commercial Aggregate	Aggregate	Diesel	22440.62962	17308.3	448.4538485	657715.4	1.296524	0.034
Statewide Totals	2018 Light Commercial Aggregate	Aggregate	Diesel	2450067.665	899867.35	7830.68049	33295091.95	2.722699	0.074
Statewide Totals	2018 Light Commercial Aggregate	Aggregate	Diesel	4942076.269	3377056.65	8920.754503	155344605.9	1.463427	0.032
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	2695340.718	472418.3739	1365.878684	104133919.6	5.70541	0.026
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	6414353.11	1861628.723	4109.128706	430827879.4	3.44556	0.015
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	15853308.45	3362676.862	7568.956931	714069542.2	4.714491	0.022
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	28525576.83	9107073.041	14711.22633	1436088295	3.132244	0.020
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	10731276.41	2690312.176	4755.879455	506970847.2	3.988859	0.021
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	681.5540954	0	111.2076116	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	993.3243587	0	763.1400155	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	38409.41651	27440.7	69.91825209	905543.1	1.399724	0.042
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	79.54928998	0	32.1440755	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	569.3416727	0	50.60999757	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	2102.768311	0	483.0424353	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	149.3747093	0	19.87999905	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	254.2855465	0	49.55518731	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	710.5135762	0	441.6599662	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	4370.404816	0	1338.509312	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	92.7568561	0	11.68023989	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	27785.6863	9920.7	3880.781617	367065.9	2.800779	0.076
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	30071.47695	0	5260.775998	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	2712.876977	0	370.3535336	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	3669.658104	0	579.8894966	0		
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	6030786.522	2134999.019	3348.965341	264769406.3	2.824726	0.023
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	36179004.43	4544067.748	3505.130708	1830432871	7.96181	0.020
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	8075183.583	2170988.368	5068.349833	374079331.5	3.719589	0.022
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	1902062.956	682148.8216	1798.842243	88338777.07	2.78834	0.022
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	1106579.54	455321.8708	1019.211573	59852203.46	2.430324	0.018
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	4931572.144	3094157.813	9377.272898	248593778.4	1.593833	0.020
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	5353663.19	2558234.178	9446.899993	256961475.4	2.092718	0.021
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	3164827.234	616993.3369	835.224029	153813976.9	5.129435	0.021
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	43489539.59	11523557.54	12243.77539	2332640268	3.773968	0.019
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	28325209.02	3091915.781	6879.136695	1134596062	9.161055	0.025
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	5185889.903	4091791.999	12250.39364	267705283.4	1.267388	0.019
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	595146.079	145157.8389	562.5518421	38123654.01	4.099993	0.016
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	39626930.68	21209812.19	36949.89196	2072231525	1.86833	0.019
Statewide Totals	2019 Construction and Aggregate	Aggregate	Diesel	1637722.33	772378.1216	2219.763386	60772620.6	2.120363	0.027
Statewide Totals	2019 Industrial - Aerial Aggregate	Aggregate	Diesel	2521557.237	2427044.078	8325.966335	152608812.9	1.038942	0.017
Statewide Totals	2019 Industrial - Forklif Aggregate	Aggregate	Diesel	10616773.42	11358547.46	15618.9826	1016424760	0.934695	0.010
Statewide Totals	2019 Industrial - Misc - Aggregate	Aggregate	Diesel	2817.769775	0	1296.069245	0		
Statewide Totals	2019 Industrial - Misc - Aggregate	Aggregate	Diesel	2179.948267	0	266.9503627	0		
Statewide Totals	2019 Industrial - Misc - Aggregate	Aggregate	Diesel	558.4593283	0	104.2238712	0		
Statewide Totals	2019 Industrial - Other Aggregate	Aggregate	Diesel	5127596.945	3204119.945	3976.225093	282384174.4	1.600314	0.018
Statewide Totals	2019 Industrial - Other Aggregate	Aggregate	Diesel	3006322.727	875779.9076	1196.046389	146511440.5	3.432738	0.021
Statewide Totals	2019 Light Commercial Aggregate	Aggregate	Diesel	954706.6543	857209.8	1225.870773	31716762.6	1.113737	0.030

Statewide Totals	2019 Light Commercial Aggregate	Aggregate	Diesel	4430771.782	1725599.55	15054.71922	56944785.15	2.567671	0.078
Statewide Totals	2019 Light Commercial Aggregate	Aggregate	Diesel	22466.38631	17333.85	448.9938773	658686.3	1.296099	0.034
Statewide Totals	2019 Light Commercial Aggregate	Aggregate	Diesel	2450569.93	900717.8	7838.649825	33326558.6	2.720686	0.074
Statewide Totals	2019 Light Commercial Aggregate	Aggregate	Diesel	4940604.645	3380473.05	8929.264364	155501760.3	1.461513	0.032
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	2798665.981	489284.0218	1397.142827	107980289.8	5.719921	0.026
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	6642286.656	1928055.641	4203.184195	446121570	3.44507	0.015
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	16419315.72	3482625.644	7742.205812	739712665.1	4.714637	0.022
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	29536104.31	9431965.613	15047.95747	1486673188	3.13149	0.020
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	11105738.49	2786347.472	4864.738681	524919631.9	3.985769	0.021
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	684.6003339	0	111.7344648	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	1005.896264	0	774.1200013	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	38893.04921	27838.55	71.10154043	918672.15	1.397093	0.042
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	80.41925708	0	32.50252145	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	576.5414463	0	51.25000038	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	2135.299443	0	490.5144887	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	151.2889948	0	20.14000015	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	257.7432135	0	50.2290174	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	720.9864983	0	448.1700083	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	4425.102009	0	1355.673883	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	94.8845626	0	11.9481675	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	28133.66352	10026.55	3936.08908	370982.35	2.805917	0.076
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	30216.72721	0	5308.780799	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	2752.883043	0	375.8354835	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	3711.919471	0	586.4802974	0		
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	6247618.07	2211112.564	3425.621147	274171014.6	2.825554	0.023
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	37469121.15	4706123.846	3585.361046	1897401049	7.96178	0.020
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	8366048.052	2248438.16	5184.361318	387683209.1	3.720826	0.022
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	1969407.262	706466.6067	1840.016662	91465381.88	2.787686	0.022
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	1145667.332	471562.9614	1042.540714	61962360.07	2.429511	0.018
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	5107628.644	3204557.303	9591.913046	257449166.3	1.593864	0.020
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	5546461.093	2649656.849	9663.133862	266261078.3	2.093275	0.021
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	3277911.212	639011.5277	854.3418057	159297951.9	5.129659	0.021
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	45048808.68	11934575.26	12524.02805	2416416545	3.774647	0.019
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	29329680.73	3202195.591	7036.596004	1174106937	9.159241	0.025
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	5371346.186	4238002.008	12530.7978	277337697.9	1.267424	0.019
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	616329.2588	150343.9336	575.428316	39481868.72	4.099462	0.016
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	41026000.9	21966054.86	37795.65281	2144547047	1.8677	0.019
Statewide Totals	2020 Construction and Aggregate	Aggregate	Diesel	1695103.591	799954.321	2270.572438	62833168.98	2.119	0.027
Statewide Totals	2020 Industrial - Aerial Aggregate	Aggregate	Diesel	2611517.164	2513632.122	8516.542706	158053258.6	1.038942	0.017
Statewide Totals	2020 Industrial - Forklif Aggregate	Aggregate	Diesel	10995541.01	11763778.83	15976.49174	1052722818	0.934695	0.010
Statewide Totals	2020 Industrial - Misc - Aggregate	Aggregate	Diesel	2811.731496	0	1298.842412	0		
Statewide Totals	2020 Industrial - Misc - Aggregate	Aggregate	Diesel	2160.829283	0	264.9529444	0		
Statewide Totals	2020 Industrial - Misc - Aggregate	Aggregate	Diesel	553.0685677	0	103.3660925	0		
Statewide Totals	2020 Industrial - Other Aggregate	Aggregate	Diesel	5310530.824	3318431.209	4067.238499	292470833.5	1.600314	0.018
Statewide Totals	2020 Industrial - Other Aggregate	Aggregate	Diesel	3113577.311	907024.527	1223.423173	151774149	3.432738	0.021
Statewide Totals	2020 Light Commercial Aggregate	Aggregate	Diesel	954581.6127	858009.15	1227.120851	31746338.55	1.112554	0.030
Statewide Totals	2020 Light Commercial Aggregate	Aggregate	Diesel	4432702.295	1727293.15	15068.81852	57000673.95	2.566271	0.078
Statewide Totals	2020 Light Commercial Aggregate	Aggregate	Diesel	22476.16713	17301	449.243767	657438	1.299125	0.034
Statewide Totals	2020 Light Commercial Aggregate	Aggregate	Diesel	2451509.683	901648.55	7846.269236	33360996.35	2.718919	0.073
Statewide Totals	2020 Light Commercial Aggregate	Aggregate	Diesel	4940600.23	3383633.95	8937.903733	155647161.7	1.460146	0.032
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	2901215.994	506120.7453	1427.917196	111967861.8	5.732261	0.026
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	6870427.664	1994460.912	4295.766241	461407954.8	3.444754	0.015
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	16973084.26	3602644.318	7912.74063	764871502.2	4.711285	0.022
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	30536087.67	9756840.596	15379.41348	1537371755	3.129711	0.020
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	11481824.3	2882304.831	4971.892552	542682236.9	3.983557	0.021
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	694.5956961	0	113.4376354	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	1018.441747	0	784.9600405	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	39383.72297	28232.75	72.05067411	931680.75	1.394966	0.042
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	81.60570542	0	32.98404291	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	585.4286389	0	52.04000121	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	2168.300546	0	498.0926412	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	153.8078223	0	20.48000048	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	261.3064079	0	50.92341365	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	731.1215901	0	454.4700474	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	4485.986999	0	1374.626342	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	98.06884487	0	12.34914254	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	28518.92345	10198.1	3991.618649	377329.7	2.796494	0.076
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	30665.92735	0	5406.458357	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	2792.144579	0	381.1956381	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	3763.101997	0	595.0869652	0		
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	6463556.71	2287295.975	3501.076088	283551558.9	2.825851	0.023
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	38776133.94	4868276.424	3664.33452	1964067847	7.965064	0.020
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	8652360.661	2325905.497	5298.555403	401003005.8	3.719997	0.022
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	2036194.168	730817.1062	1880.546056	94623662.5	2.786188	0.022
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	1185296.403	487786.0513	1065.504388	64152988.88	2.429951	0.018
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	5283847.331	3314890.938	9803.190708	266303710.6	1.593973	0.020
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	5738820.73	2740940.2	9875.98028	275539520.6	2.093742	0.021
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	3387271.696	661014.2921	873.1600892	164558876.1	5.124355	0.021
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	46647587.7	12345581.1	12799.89037	2502554861	3.778485	0.019
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	30351722.55	3312391.777	7191.588605	1215003520	9.163084	0.025
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	5556561.764	4383942.86	12806.80923	286879018.6	1.26748	0.019
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	638028.0373	155525.9481	588.1030712	40863973.4	4.10239	0.016
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	42455236.52	22722847.35	38628.16423	2218799496	1.868394	0.019
Statewide Totals	2021 Construction and Aggregate	Aggregate	Diesel	1753653.492	827441.4738	2320.58553	64984773.85	2.119369	0.027
Statewide Totals	2021 Industrial - Aerial Aggregate	Aggregate	Diesel	2701477.091	2600220.165	8704.133568	163504937.2	1.038942	0.017
Statewide Totals	2021 Industrial - Forklif Aggregate	Aggregate	Diesel	11374308.6	12169010.2	16328.40025	1088947474	0.934695	0.010
Statewide Totals	2021 Industrial - Misc - Aggregate	Aggregate	Diesel	2886.546782	0	1338.118421	0		
Statewide Totals	2021 Industrial - Misc - Aggregate	Aggregate	Diesel	2223.365059	0	272.7585543	0		
Statewide Totals	2021 Industrial - Misc - Aggregate	Aggregate	Diesel	593.3340579	0	111.1786328	0		
Statewide Totals	2021 Industrial - Other Aggregate	Aggregate	Diesel	5493464.702	3432742.474	4156.826117	302539473	1.600314	0.018
Statewide Totals	2021 Industrial - Other Aggregate	Aggregate	Diesel	3220831.895	938269.1465	1250.37108	157053247.8	3.432738	0.021
Statewide Totals	2021 Light Commercial Aggregate	Aggregate	Diesel	980128.5288	882037.1	1261.480303	32635372.7	1.11121	0.030
Statewide Totals	2021 Light Commercial Aggregate	Aggregate	Diesel	4553896.895	1775568.05	15488.60748	58593745.65	2.564755	0.078
Statewide Totals	2021 Light Commercial Aggregate	Aggregate	Diesel	23093.12895	17779.15	462.02289	675607.7	1.298888	0.034
Statewide Totals	2021 Light Commercial Aggregate	Aggregate	Diesel	2518399.238	926775.15	8064.872078	34290680.55	2.717379	0.073
Statewide Totals	2021 Light Commercial Aggregate	Aggregate	Diesel	5073556.96	3478154.35	9187.002357	159995100.1	1.458692	0.032
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	2998520.998	522994.6634	1458.224111	115711958.7	5.733368	0.026
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	7097952.169	2060913.642	4386.941994	476523177.7	3.44408	0.015
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	17529460.82	3722640.741	8080.685077	790475312.7	4.708878	0.022
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	31555925.12	10081792.36	15705.83478	1589242777	3.129992	0.020
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	11861193.8	2978250.185	5077.41879	560512657.1	3.982605	0.021
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	701.4904271	0	114.5964415	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	1031.36585	0	795.8800129	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	39940.41457	28678.05	73.13628018	946375.65	1.392717	0.042
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	82.870358	0	33.49570284	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	592.7408271	0	52.68999766	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	2200.411844	0	505.4706957	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	156.124234	0	20.78999908	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	265.0993639	0	51.66258502	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	741.1439121	0	460.6999852	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	4545.215307	0	1392.934789	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	101.5789206	0	12.79114239	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	28921.88206	10303.95	4046.906718	381246.15	2.806873	0.076
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	30911.11882	0	5462.46949	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	2832.059319	0	386.6449742	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	3809.320674	0	602.4602214	0		
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	6680466.318	2363517.699	3575.384891	293138882.3	2.826493	0.023
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	40098014.47	5030463.446	3742.108412	2029482743	7.971038	0.020
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	8950534.894	2403345.44	5411.014916	414679925.4	3.724198	0.022
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	2104919.203	755158.5361	1920.459821	97756441.44	2.787387	0.022
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	1225057.385	504027.7897	1088.119251	66346545.27	2.430535	0.018
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	5459441.617	3425336.237	10011.25913	275227914.1	1.593841	0.020
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	5929568.253	2832253.987	10085.59363	284768891.5	2.093586	0.021

Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	3501553.85	683081.9289	891.6925289	169967493.6	5.126111	0.021
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	48230071.81	12756714.52	13071.56243	2587245644	3.78076	0.019
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	31384031.07	3422897.855	7344.226917	1255937666	9.168848	0.025
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	5745895.03	4530086.183	13078.62814	296640608.4	1.268385	0.019
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	658634.7007	160711.328	600.5853007	42161652.68	4.098247	0.016
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	43898794.5	23479748.9	39448.03006	2292744512	1.869645	0.019
Statewide Totals	2022 Construction and Aggregate	Aggregate	Diesel	1812536.475	854964.3426	2369.83894	67148544.41	2.120014	0.027
Statewide Totals	2022 Industrial - Aerial Aggregate	Aggregate	Diesel	2791437.018	2686808.209	8888.874982	168949663.1	1.038942	0.017
Statewide Totals	2022 Industrial - Forklif Aggregate	Aggregate	Diesel	11753076.19	12574241.58	16674.96338	1125298979	0.934695	0.010
Statewide Totals	2022 Industrial - Misc - Aggregate	Aggregate	Diesel	2888.945793	0	1342.336227	0		
Statewide Totals	2022 Industrial - Misc - Aggregate	Aggregate	Diesel	2221.434842	0	272.5645357	0		
Statewide Totals	2022 Industrial - Misc - Aggregate	Aggregate	Diesel	600.1270975	0	112.472258	0		
Statewide Totals	2022 Industrial - Other Aggregate	Aggregate	Diesel	5676398.581	3547053.738	4245.052927	312692311.5	1.600314	0.018
Statewide Totals	2022 Industrial - Other Aggregate	Aggregate	Diesel	3328086.478	969513.766	1276.909658	162304505.2	3.432738	0.021
Statewide Totals	2022 Light Commercial Aggregate	Aggregate	Diesel	983300.4623	885475.4	1266.430224	32762589.8	1.110477	0.030
Statewide Totals	2022 Light Commercial Aggregate	Aggregate	Diesel	4569837.95	1782378.95	15548.12315	58818505.35	2.563898	0.078
Statewide Totals	2022 Light Commercial Aggregate	Aggregate	Diesel	23096.01809	17837.55	463.5925528	677826.9	1.294798	0.034
Statewide Totals	2022 Light Commercial Aggregate	Aggregate	Diesel	2527272.353	930385	8096.029751	34424245	2.716373	0.073
Statewide Totals	2022 Light Commercial Aggregate	Aggregate	Diesel	5090162.176	3491553.5	9222.410889	160611461	1.45785	0.032
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	3096924.689	539855.605	1488.08425	119410754.8	5.73658	0.026
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	7326914.03	2127271.207	4476.773655	491840811.2	3.444278	0.015
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	18096869.97	3842548.839	8246.153726	815703594.9	4.709601	0.022
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	32577100.39	10406481.6	16027.44406	1639640973	3.130462	0.020
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	12234917.72	3074397.755	5181.389384	577994913.3	3.979614	0.021
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	710.1353777	0	116.0454708	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	1044.506032	0	806.7900098	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	40482.02237	29057.65	74.07070539	958902.45	1.393162	0.042
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	84.145139	0	34.01096161	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	601.7405416	0	53.49000151	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	2233.428804	0	513.0530979	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	158.5946628	0	21.1200006	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	268.9409747	0	52.41123832	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	751.1019949	0	466.8899945	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	4605.970233	0	1411.677888	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	105.7483349	0	13.31616864	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	29295.57275	10439	4102.151089	386243	2.806358	0.076
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	31180.20097	0	5519.593166	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	2873.965212	0	392.3661476	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	3875.332551	0	612.28237	0		
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	6897134.915	2439650.351	3648.598251	302595215.7	2.8271	0.023
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	41407817.12	5192514.952	3818.73578	2094734609	7.974521	0.020
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	9240871.447	2480856.851	5521.816577	427894247.3	3.724871	0.022
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	2172816.278	779508.9262	1959.785186	100888067.4	2.787417	0.022
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	1264206.403	520243.5523	1110.400731	68463489.1	2.430028	0.018
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	5635480.218	3535588.089	10216.26025	284082851.3	1.59393	0.020
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	6121301.848	2922903.948	10292.1169	293871171.2	2.094254	0.021
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	3614872.155	705077.0856	909.9517676	175350229.1	5.126918	0.021
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	49793597.49	13167838.8	13339.22956	2669873400	3.781456	0.019
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	32394576.41	3533025.015	7494.61507	1295390265	9.169076	0.025
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	5933720.907	4675784.554	13346.43995	306322983.3	1.269032	0.019
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	680902.1104	165862.8486	612.8835202	43590144.89	4.105212	0.016
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	45354747.76	24236328.8	40255.80962	2367658790	1.871354	0.019
Statewide Totals	2023 Construction and Aggregate	Aggregate	Diesel	1872140.451	882543.8533	2418.366267	69370762.06	2.1213	0.027
Statewide Totals	2023 Industrial - Aerial Aggregate	Aggregate	Diesel	2881396.945	2773396.252	9070.892982	174395633	1.038942	0.017
Statewide Totals	2023 Industrial - Forklif Aggregate	Aggregate	Diesel	12131843.78	12979472.95	17016.41756	1161604673	0.934695	0.010
Statewide Totals	2023 Industrial - Misc - Aggregate	Aggregate	Diesel	2886.759255	0	1343.637272	0		
Statewide Totals	2023 Industrial - Misc - Aggregate	Aggregate	Diesel	2216.552843	0	271.8783771	0		
Statewide Totals	2023 Industrial - Misc - Aggregate	Aggregate	Diesel	598.8285127	0	111.9251132	0		
Statewide Totals	2023 Industrial - Other Aggregate	Aggregate	Diesel	5859332.46	3661365.002	4331.979118	322862515.1	1.600314	0.018
Statewide Totals	2023 Industrial - Other Aggregate	Aggregate	Diesel	3435341.062	1000758.385	1303.05701	167542678.1	3.432738	0.021
Statewide Totals	2023 Light Commercial Aggregate	Aggregate	Diesel	986662.6716	888796.9	1271.660119	32885485.3	1.11011	0.030
Statewide Totals	2023 Light Commercial Aggregate	Aggregate	Diesel	4585946.981	1789153.35	15606.76842	59042060.55	2.563194	0.078
Statewide Totals	2023 Light Commercial Aggregate	Aggregate	Diesel	23130.09838	17961.65	465.2225958	682542.7	1.287749	0.034
Statewide Totals	2023 Light Commercial Aggregate	Aggregate	Diesel	2536034.704	933896.3	8126.787041	34554163.1	2.715542	0.073
Statewide Totals	2023 Light Commercial Aggregate	Aggregate	Diesel	5106803.275	3504824.9	9256.999337	161221945.4	1.457078	0.032
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	3196442.004	556666.2811	1517.516805	123112454.3	5.742115	0.026
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	7554289.383	2193715.352	4565.318971	507083129.5	3.443605	0.015
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	18654090.78	3962573.304	8409.252945	840636374.5	4.70757	0.022
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	33598708.81	10731509.53	16344.44805	1690563559	3.130846	0.020
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	12611155.72	3170331.991	5283.87117	596038352.3	3.977866	0.021
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	720.6398598	0	117.7849646	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	1058.207213	0	817.7899423	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	41009.39843	29470.1	75.18214922	972513.3	1.39156	0.042
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	85.23637208	0	34.45203145	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	609.16524	0	54.14999843	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	2266.151369	0	520.5676242	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	160.5470508	0	21.37999938	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	272.610133	0	53.12628414	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	761.3174384	0	473.2399914	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	4670.003129	0	1431.274546	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	109.2086183	0	13.75189831	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	29713.31042	10581.35	4157.591304	391509.95	2.808083	0.076
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	31479.47959	0	5578.399073	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	2913.559757	0	397.7717618	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	3926.414557	0	620.2168981	0		
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	7113817.217	2515807.727	3720.763232	312158422.1	2.827647	0.023
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	42709917.76	5354651.573	3894.265881	2162516781	7.976227	0.020
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	9533365.1	2558302.66	5631.031613	441148288.4	3.726441	0.022
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	2241977.04	803842.3667	1998.547431	104053471.5	2.789075	0.022
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	1303362.668	536487.8244	1132.363151	70583455.69	2.429436	0.018
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	5812106.225	3645943.163	10418.32586	292947291.4	1.59413	0.020
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	6311222.141	3014208.395	10495.68287	302923997.9	2.093824	0.021
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	3727136.81	727097.2291	927.9495431	180826406.2	5.12605	0.021
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	51346963.01	13579056.51	13603.06383	2752115402	3.781335	0.019
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	33394215.22	3643469.51	7642.849739	1335533221	9.165499	0.025
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	6121726.661	4821826.306	13610.41683	315852432.9	1.269587	0.019
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	702725.5695	171053.0218	625.0056352	44977468.12	4.108232	0.016
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	46803054.75	24992747.11	41052.02218	2442776145	1.872665	0.019
Statewide Totals	2024 Construction and Aggregate	Aggregate	Diesel	1929315.556	910101.6057	2466.198706	71498102.19	2.11989	0.027
Statewide Totals	2024 Industrial - Aerial Aggregate	Aggregate	Diesel	2971356.871	2859984.296	9250.304574	179841977.4	1.038942	0.017
Statewide Totals	2024 Industrial - Forklif Aggregate	Aggregate	Diesel	12510611.37	13384704.32	17352.98228	1197963792	0.934695	0.010
Statewide Totals	2024 Industrial - Misc - Aggregate	Aggregate	Diesel	2884.223304	0	1343.835635	0		
Statewide Totals	2024 Industrial - Misc - Aggregate	Aggregate	Diesel	2207.288202	0	271.1433235	0		
Statewide Totals	2024 Industrial - Misc - Aggregate	Aggregate	Diesel	594.2664143	0	111.2091011	0		
Statewide Totals	2024 Industrial - Other Aggregate	Aggregate	Diesel	6042266.339	3775676.266	4417.660568	332986537	1.600314	0.018
Statewide Totals	2024 Industrial - Other Aggregate	Aggregate	Diesel	3542595.646	1032003.005	1328.829944	172775144	3.432738	0.021
Statewide Totals	2024 Light Commercial Aggregate	Aggregate	Diesel	989787.8202	892081.9	1276.169981	33007030.3	1.109526	0.030
Statewide Totals	2024 Light Commercial Aggregate	Aggregate	Diesel	4602102.364	1795792.7	15665.20447	59261159.1	2.562714	0.078
Statewide Totals	2024 Light Commercial Aggregate	Aggregate	Diesel	23211.06584	18041.95	467.1324449	685594.1	1.286505	0.034
Statewide Totals	2024 Light Commercial Aggregate	Aggregate	Diesel	2544764.377	937455.05	8157.104779	34685836.85	2.714545	0.073
Statewide Totals	2024 Light Commercial Aggregate	Aggregate	Diesel	5123993.339	3518008.7	9292.497751	161828400.2	1.456504	0.032
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	3238464.151	563267.3083	1528.843695	124872265	5.749427	0.026
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	7642444.923	2219491.44	4599.394947	512933730.8	3.443332	0.015
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	18871524.48	4009079.229	8472.02041	850312919.4	4.707197	0.022
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	34007896.64	10857766.05	16466.44456	1711353023	3.132126	0.020
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	12757536.22	3207652.87	5323.310488	602675197.5	3.977218	0.021
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	732.1001183	0	119.6590449	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	1072.028679	0	828.7700933	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	41529.3606	29857	76.16977355	985281	1.390942	0.042
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	86.43387176	0	34.93605369	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	617.3774998	0	54.88000389	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	2298.912933	0	528.0911812	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	162.2741862	0	21.61000153	0		

Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	275.7972833	0	53.74739559	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	771.5007598	0	479.5700048	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	4733.672464	0	1450.683127	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	112.2858709	0	14.13939588	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	30094.28267	10712.75	4212.859112	396371.75	2.809202	0.076
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	31812.34595	0	5639.784075	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	2954.284992	0	403.3317494	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	3977.567107	0	628.5279865	0		
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	7194749.158	2545332.345	3748.535363	315596550.8	2.826644	0.023
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	43243390.98	5417694.452	3923.333052	2191867458	7.981881	0.020
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	9645582.069	2588340.919	5673.062169	446224673.3	3.72655	0.022
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	2267345.601	813282.4033	2013.46478	105258157.9	2.787895	0.022
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	1318770.194	542821.7648	1140.815217	71434111.71	2.429472	0.018
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	5880071.605	3689086.255	10496.08924	296390266.7	1.59391	0.020
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	6385088.883	3049596.741	10574.02364	306386278.5	2.093749	0.021
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	3769575.664	735622.3168	934.8758469	182884530.7	5.124336	0.021
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	51982942.82	13738589.54	13704.59839	2784311885	3.783718	0.019
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	33788350.83	3686149.763	7699.896698	1351523267	9.166299	0.025
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	6191518.686	4878847.336	13712.00628	319318024.4	1.269054	0.019
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	710144.115	173041.8073	629.6707368	45468673.17	4.103888	0.016
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	47393708.04	25286575.2	41358.43838	2474117440	1.874264	0.019
Statewide Totals	2025 Construction and Aggregate	Aggregate	Diesel	1952816.247	920877.032	2484.606649	72353545.65	2.120605	0.027
Statewide Totals	2025 Industrial - Aerial Aggregate	Aggregate	Diesel	3006318.039	2893635.047	9319.349729	181959222	1.038942	0.017
Statewide Totals	2025 Industrial - Forklif Aggregate	Aggregate	Diesel	12657812	13542189.57	17482.50659	1211981553	0.934695	0.010
Statewide Totals	2025 Industrial - Misc - Aggregate	Aggregate	Diesel	2871.796874	0	1338.651959	0		
Statewide Totals	2025 Industrial - Misc - Aggregate	Aggregate	Diesel	2220.218764	0	272.6152873	0		
Statewide Totals	2025 Industrial - Misc - Aggregate	Aggregate	Diesel	595.5442415	0	111.4980134	0		
Statewide Totals	2025 Industrial - Other Aggregate	Aggregate	Diesel	6113360.016	3820101.105	4450.634407	336916085.1	1.600314	0.018
Statewide Totals	2025 Industrial - Other Aggregate	Aggregate	Diesel	3584278.045	1044145.616	1338.748458	174815485.6	3.432738	0.021
Statewide Totals	2025 Light Commercial Aggregate	Aggregate	Diesel	993249.2587	895596.85	1281.279958	33137083.45	1.109036	0.030
Statewide Totals	2025 Light Commercial Aggregate	Aggregate	Diesel	4619238.616	1802924.8	15726.80979	59496518.4	2.562081	0.078
Statewide Totals	2025 Light Commercial Aggregate	Aggregate	Diesel	23312.5976	18100.35	469.1421394	687813.3	1.287964	0.034
Statewide Totals	2025 Light Commercial Aggregate	Aggregate	Diesel	2554227.523	941108.7	8189.411973	34821021.9	2.714062	0.073
Statewide Totals	2025 Light Commercial Aggregate	Aggregate	Diesel	5142473.42	3531813	9329.055886	162463398	1.456044	0.032
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	3278476.515	569800.9471	1540.109714	126256104.7	5.753722	0.026
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	7731243.23	2245319.225	4633.287795	518939352.3	3.443271	0.015
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	19093426.62	4055724.113	8534.450558	860256755	4.707773	0.022
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	34412805.39	10984117.59	16587.78546	1731610337	3.13296	0.020
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	12914808.15	3244857.783	5362.537855	610268778.4	3.980084	0.021
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	745.545965	0	121.8351588	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	1085.925862	0	839.6200177	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	42081.88182	30284.05	77.14654716	999373.65	1.389572	0.042
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	87.68151429	0	35.44034315	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	626.0396352	0	55.64999973	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	2330.887579	0	535.435933	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	165.1276761	0	21.98999989	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	279.2073837	0	54.41195671	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	781.5875032	0	485.8399907	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	4796.281459	0	1469.732523	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	114.6327639	0	14.43492398	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	30490.41261	10884.3	4268.410907	402719.1	2.80132	0.076
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	32130.73611	0	5696.880107	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	2994.865555	0	408.8719765	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	4036.736501	0	636.9607282	0		
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	7278689.474	2575033.987	3776.158245	319161444.8	2.826638	0.023
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	43765676.22	5480663.371	3952.244014	2217951387	7.985471	0.020
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	9751350.114	2618468.6	5714.86685	451025340.3	3.724066	0.022
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	2294147.93	822738.4293	2028.301961	106530820.3	2.788429	0.022
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	1334530.905	549119.8028	1149.221862	72272335.86	2.430309	0.018
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	5949893.431	3731848.717	10573.43471	299944408.6	1.594355	0.020
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	6459299.181	3085065.535	10651.94341	309874731.2	2.093732	0.021
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	3808176.993	744182.3915	941.7649281	184627348	5.117263	0.021
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	52589879.03	13898394.11	13805.5873	2816193177	3.783882	0.019
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	34181608.74	3729040.755	7756.637081	1367532993	9.166327	0.025
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	6261234.372	4935476.368	13813.04978	322829093.4	1.268618	0.019
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	720048.1836	175076.5403	634.3107677	46089172.46	4.112762	0.016
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	47977644.6	25580929.92	41663.20788	2504432034	1.875524	0.019
Statewide Totals	2026 Construction and Aggregate	Aggregate	Diesel	1975989.283	931590.1178	2502.915665	73264912.41	2.121093	0.027
Statewide Totals	2026 Industrial - Aerial Aggregate	Aggregate	Diesel	3041279.207	2927285.798	9388.023828	184084735.7	1.038942	0.017
Statewide Totals	2026 Industrial - Forklif Aggregate	Aggregate	Diesel	12805012.62	13699674.83	17611.33483	1226093164	0.934695	0.010
Statewide Totals	2026 Industrial - Misc - Aggregate	Aggregate	Diesel	2878.932704	0	1342.18078	0		
Statewide Totals	2026 Industrial - Misc - Aggregate	Aggregate	Diesel	2238.493472	0	274.9471062	0		
Statewide Totals	2026 Industrial - Misc - Aggregate	Aggregate	Diesel	599.8164494	0	112.2195048	0		
Statewide Totals	2026 Industrial - Other Aggregate	Aggregate	Diesel	6184453.693	3864525.945	4483.431042	340804255.4	1.600314	0.018
Statewide Totals	2026 Industrial - Other Aggregate	Aggregate	Diesel	3625960.443	1056288.227	1348.613668	176935009.4	3.432738	0.020
Statewide Totals	2026 Light Commercial Aggregate	Aggregate	Diesel	997303.2789	899531.55	1286.389974	33282667.35	1.108692	0.030
Statewide Totals	2026 Light Commercial Aggregate	Aggregate	Diesel	4637926.461	1810593.45	15793.45572	59749583.85	2.56155	0.078
Statewide Totals	2026 Light Commercial Aggregate	Aggregate	Diesel	23346.7419	18166.05	471.2920599	690309.9	1.285185	0.034
Statewide Totals	2026 Light Commercial Aggregate	Aggregate	Diesel	2564557.749	945061.65	8223.989557	34967281.05	2.713641	0.073
Statewide Totals	2026 Light Commercial Aggregate	Aggregate	Diesel	5162769.65	3546916.7	9368.414343	163158168.2	1.455566	0.032
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	3307130.32	576359.5802	1551.315831	127388842.9	5.737964	0.026
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	7820247.57	2271221.769	4667.000438	524891458.6	3.44319	0.015
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	19320335.92	4102456.263	8596.548768	870457060.5	4.709456	0.022
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	34814646.62	11110459.73	16708.4812	1751896502	3.133502	0.020
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	13059315.07	3282208.571	5401.556653	616749531.4	3.978819	0.021
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	758.587349	0	123.961823	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	1100.14937	0	850.6099216	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	42649.04832	30678.25	78.05279301	1012382.25	1.390205	0.042
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	88.92442892	0	35.94272223	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	634.0268403	0	56.35999945	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	2364.207935	0	543.0883619	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	167.4555323	0	22.29999979	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	283.3169202	0	55.21282337	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	791.7547645	0	492.1600238	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	4859.717018	0	1489.108441	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	116.3656244	0	14.65313171	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	30878.87223	11052.2	4323.773974	408931.4	2.793912	0.076
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	32460.25217	0	5755.753654	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	3035.161674	0	414.3733792	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	4086.590141	0	644.496782	0		
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	7361077.343	2604573.881	3803.634257	322657338.5	2.826212	0.023
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	44263137.06	5543673.984	3981.001259	2244705589	7.984441	0.020
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	9863433.234	2648512.333	5756.449258	455969153.6	3.724141	0.022
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	2321214.687	832214.6987	2043.060254	107739998.1	2.789202	0.022
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	1350009.872	555456.1702	1157.583808	73083178.81	2.430453	0.018
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	6018428.024	3774678.173	10650.36894	303343693.5	1.594421	0.020
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	6534190.637	3120582.588	10729.44888	313540146.6	2.093901	0.021
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	3852616.082	752748.0035	948.6173805	186785873.2	5.118069	0.021
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	53197376.63	14058412.06	13906.03925	2847793548	3.784025	0.019
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	34589114.38	3771967.635	7813.075779	1384090348	9.170045	0.025
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	6332806.952	4992189.324	13913.55603	326502880.6	1.268543	0.019
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	728365.7535	177106.5618	638.9261279	46649641.53	4.112585	0.016
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	48537209.51	25874422.53	41966.35693	2533352509	1.875876	0.019
Statewide Totals	2027 Construction and Aggregate	Aggregate	Diesel	1999877.347	942248.7588	2521.127333	74126913.89	2.122452	0.027
Statewide Totals	2027 Industrial - Aerial Aggregate	Aggregate	Diesel	3076240.374	2960936.549	9456.332792	186202203.2	1.038942	0.017
Statewide Totals	2027 Industrial - Forklif Aggregate	Aggregate	Diesel	12952213.24	13857160.08	17739.47809	1240248828	0.934695	0.010
Statewide Totals	2027 Industrial - Misc - Aggregate	Aggregate	Diesel	2896.376466	0	1350.448332	0		
Statewide Totals	2027 Industrial - Misc - Aggregate	Aggregate	Diesel	2262.102368	0	277.9955195	0		
Statewide Totals	2027 Industrial - Misc - Aggregate	Aggregate	Diesel	600.8813206	0	112.4278122	0		
Statewide Totals	2027 Industrial - Other Aggregate	Aggregate	Diesel	6255547.371	3908950.784	4516.0533	344721589.7	1.600314	0.018
Statewide Totals	2027 Industrial - Other Aggregate	Aggregate	Diesel	3667642.841	1068430.837	1358.426426	178948665.3	3.432738	0.020
Statewide Totals	2027 Light Commercial Aggregate	Aggregate	Diesel	1001549.887	903637.8	1292.449793	33434598.6	1.108353	0.030
Statewide Totals	2027 Light Commercial Aggregate	Aggregate	Diesel	4658608.93	1818911.8	15866.94961	60024089.4	2.561207	0.078

Statewide Totals	2027 Light Commercial Aggregate	Aggregate	Diesel	23496.02784	18239.05	473.361978	693083.9	1.288227	0.034
Statewide Totals	2027 Light Commercial Aggregate	Aggregate	Diesel	2575828.662	949423.4	8261.736128	35128665.8	2.713045	0.073
Statewide Totals	2027 Light Commercial Aggregate	Aggregate	Diesel	5185175.85	3563290.6	9412.182226	163911367.6	1.455165	0.032
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	3343238	582918.4057	1562.462994	128889312.8	5.735345	0.026
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	7910789.027	2296851.309	4700.535718	530832280.6	3.444189	0.015
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	19541143.38	4148973.461	8658.320279	880350826.2	4.709874	0.022
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	35198101.18	11236635.36	16828.54195	1771151838	3.132441	0.020
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	13214606.42	3319454.851	5440.370174	624129701	3.980957	0.021
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	772.1890053	0	126.180007	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	1114.075474	0	861.4500147	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	43165.14576	31068.8	79.11550909	1025270.4	1.389341	0.042
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	89.97606102	0	36.36778534	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	641.5640814	0	57.0300012	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	2397.022307	0	550.6245013	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	169.2577505	0	22.54000047	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	286.5108571	0	55.83525797	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	802.0024026	0	498.5300308	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	4924.479899	0	1508.624078	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	116.9169979	0	14.7225621	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	31300.11594	11176.3	4379.044134	413523.1	2.800579	0.076
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	32792.79571	0	5815.040882	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	3075.587136	0	419.8924391	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	4132.24004	0	651.3680249	0		
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	7448166.032	2634170.835	3830.965718	326327690.1	2.827518	0.023
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	44768333.11	5606617.501	4009.607211	2271853368	7.984909	0.020
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	9975678.72	2678735.137	5797.8129	461021501.6	3.724026	0.022
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	2347177.449	841672.7365	2057.740903	108942907.6	2.788706	0.022
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	1365399.315	561742.8056	1165.901763	73929550.44	2.430649	0.018
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	6086726.652	3817527.137	10726.89841	306708003.6	1.594416	0.020
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	6608685.141	3156669.821	10806.5466	317177532.8	2.093562	0.021
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	3895693.855	761253.6287	955.4337822	188781543.6	5.117472	0.021
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	53782000.45	14217999.98	14005.96273	2879015690	3.78267	0.019
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	34992812.95	3814922.202	7869.217554	1400499065	9.172615	0.025
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	6404801.099	5048872.625	14013.53353	330242642.7	1.268561	0.019
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	735895.7055	179099.9796	643.5172067	47158614.71	4.108854	0.016
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	49107648.73	26169178.09	42267.91113	2563347597	1.876545	0.019
Statewide Totals	2028 Construction and Aggregate	Aggregate	Diesel	2022732.507	952908.2947	2539.24319	74959826.24	2.122694	0.027
Statewide Totals	2028 Industrial - Aerial Aggregate	Aggregate	Diesel	3111201.542	2994587.3	9524.282383	188319222.2	1.038942	0.017
Statewide Totals	2028 Industrial - Forklif Aggregate	Aggregate	Diesel	13099413.87	14014645.34	17866.9472	1254452938	0.934695	0.010
Statewide Totals	2028 Industrial - Misc - Aggregate	Aggregate	Diesel	2918.676424	0	1360.940268	0		
Statewide Totals	2028 Industrial - Misc - Aggregate	Aggregate	Diesel	2284.59333	0	280.7752163	0		
Statewide Totals	2028 Industrial - Misc - Aggregate	Aggregate	Diesel	605.9954558	0	113.4021926	0		
Statewide Totals	2028 Industrial - Other Aggregate	Aggregate	Diesel	6326641.048	3953375.623	4548.503932	348654309.2	1.600314	0.018
Statewide Totals	2028 Industrial - Other Aggregate	Aggregate	Diesel	3709325.239	1080573.448	1368.187558	181009884.1	3.432738	0.020
Statewide Totals	2028 Light Commercial Aggregate	Aggregate	Diesel	1005974.088	907879.1	1298.359582	33591526.7	1.108049	0.030
Statewide Totals	2028 Light Commercial Aggregate	Aggregate	Diesel	4679834.964	1827569.6	15941.45433	60309796.8	2.560688	0.078
Statewide Totals	2028 Light Commercial Aggregate	Aggregate	Diesel	23631.11685	18396	475.5416068	699048	1.284579	0.034
Statewide Totals	2028 Light Commercial Aggregate	Aggregate	Diesel	2587549.246	953978.6	8300.873326	35297208.2	2.712377	0.073
Statewide Totals	2028 Light Commercial Aggregate	Aggregate	Diesel	5208376.954	3580062.35	9456.660182	164682868.1	1.454829	0.032
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	3382726.254	589448.0068	1573.552121	130332106.7	5.738803	0.026
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	7999152.747	2322767.955	4733.896406	536817924.3	3.443802	0.015
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	19755252.3	4195602.057	8719.770196	889986264.7	4.708562	0.022
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	35593489.29	11362909.38	16947.97765	1790897466	3.132427	0.020
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	13371472.06	3356785.333	5478.981623	631454326	3.983416	0.021
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	782.9551658	0	127.9049348	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	1128.159079	0	872.3099393	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	43724.64613	31455.7	79.94518105	1038038.1	1.390039	0.042
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	91.12349776	0	36.83157244	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	650.2262252	0	57.79999666	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	2429.940138	0	558.1848277	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	171.5855932	0	22.84999868	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	289.8590343	0	56.48775197	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	812.0086805	0	504.7499905	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	4986.125717	0	1527.337001	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	117.7426388	0	14.82652957	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	31695.85759	11362.45	4434.401002	420410.65	2.789527	0.075
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	33138.34786	0	5876.504363	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	3115.975573	0	425.4064435	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	4172.66965	0	657.6475452	0		
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	7532936.655	2663729.565	3858.154886	330242745.5	2.827966	0.023
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	45281300.82	5669652.256	4038.064235	2297057125	7.98661	0.020
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	10090789.09	2708780.187	5838.961195	466489469.5	3.725215	0.022
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	2372654.916	851121.3441	2072.345122	110178496.3	2.787681	0.022
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	1380829.789	568089.1112	1174.176412	74739337.19	2.430657	0.018
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	6154843.362	3860439.001	10803.02946	310114102.1	1.594338	0.020
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	6683232.87	3191297.886	10883.24293	320686124.7	2.094205	0.021
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	3936100.46	769844.8965	962.2146963	190853130.5	5.112849	0.021
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	54370163.85	14377793.46	14105.36599	2911559425	3.781537	0.019
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	35386937.5	3857581.974	7925.067042	1416427713	9.173347	0.025
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	6480488.322	5105535.109	14112.99051	333964867.2	1.269306	0.019
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	743830.6555	181089.3983	648.0843834	47666893.56	4.107533	0.016
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	49669402.43	26462977.66	42567.89536	2592935509	1.876939	0.019
Statewide Totals	2029 Construction and Aggregate	Aggregate	Diesel	2044105.616	963577.0578	2557.264732	75760883.93	2.121372	0.027
Statewide Totals	2029 Industrial - Aerial Aggregate	Aggregate	Diesel	3146162.71	3028238.051	9591.878214	190429997.5	1.038942	0.017
Statewide Totals	2029 Industrial - Forklif Aggregate	Aggregate	Diesel	13246614.49	14172130.59	17993.75267	1268463472	0.934695	0.010
Statewide Totals	2029 Industrial - Misc - Aggregate	Aggregate	Diesel	2944.008798	0	1372.803537	0		
Statewide Totals	2029 Industrial - Misc - Aggregate	Aggregate	Diesel	2311.787373	0	283.8880525	0		
Statewide Totals	2029 Industrial - Misc - Aggregate	Aggregate	Diesel	609.2555618	0	114.0612358	0		
Statewide Totals	2029 Industrial - Other Aggregate	Aggregate	Diesel	6397734.725	3997800.462	4580.785619	352580041.5	1.600314	0.018
Statewide Totals	2029 Industrial - Other Aggregate	Aggregate	Diesel	3751007.638	1092716.059	1377.897873	183026218.7	3.432738	0.020
Statewide Totals	2029 Light Commercial Aggregate	Aggregate	Diesel	1010692.731	912346.7	1305.019677	33756827.9	1.107795	0.030
Statewide Totals	2029 Light Commercial Aggregate	Aggregate	Diesel	4702048.986	1836493.85	16019.18886	60604297.05	2.56034	0.078
Statewide Totals	2029 Light Commercial Aggregate	Aggregate	Diesel	23715.29755	18472.65	477.5416428	701960.7	1.283806	0.034
Statewide Totals	2029 Light Commercial Aggregate	Aggregate	Diesel	2599705.13	958621.4	8341.530152	35468991.8	2.711921	0.073
Statewide Totals	2029 Light Commercial Aggregate	Aggregate	Diesel	5232572.622	3597520.3	9502.588016	165485933.8	1.454494	0.032
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	3420316.192	595998.1419	1584.584112	131780398.8	5.738803	0.026
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	8088041.894	2348579.296	4767.085202	542783217	3.443802	0.015
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	19974778.99	4242224.931	8780.903487	899876077.2	4.708562	0.022
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	35989015.55	11489177.67	17066.79794	1810798492	3.132427	0.020
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	13520060.14	3394087.007	5517.394124	638471248.7	3.983416	0.021
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	791.8007351	0	129.3253088	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	1142.405398	0	883.3500073	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	44251.88733	31875.45	80.94842078	1051889.85	1.388275	0.042
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	92.28579871	0	37.30136776	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	657.5384777	0	58.44999908	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	2463.138705	0	565.8068913	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	174.1387338	0	23.18999963	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	293.480886	0	57.19357797	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	822.0954045	0	511.0199694	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	5046.781274	0	1545.800142	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	118.4116864	0	14.91077814	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	32095.08238	11504.8	4489.749799	425677.6	2.789712	0.075
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	33480.14293	0	5937.177268	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	3156.577237	0	430.9495554	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	4208.921191	0	663.1713969	0		
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	7616645.06	2693329.781	3885.20396	333912508.7	2.827966	0.023
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	45784481.14	5732655.248	4066.374632	2322582760	7.98661	0.020
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	10202921.17	2738881.02	5879.897471	471673249.9	3.725215	0.022
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	2399020.617	860579.2771	2086.874092	111402835	2.787681	0.022
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	1396174.012	574401.8993	1182.408426	75569864.64	2.430657	0.018
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	6223237.952	3903337.436	10878.76824	313560189.4	1.594338	0.020
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	6757499.094	3226760.61	10959.54407	324249691.6	2.094205	0.021
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	3979839.669	778399.6596	968.9606713	192973951.6	5.112849	0.021

Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	54974342.53	14537564.1	14204.25707	2943913605	3.781537	0.019
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	35780168.49	3900448.661	7980.628763	1432167512	9.173347	0.025
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	6552501.584	5162269.45	14211.93504	337675991.8	1.269306	0.019
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	752096.3399	183101.7217	652.6280274	48196583.35	4.107533	0.016
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	50221344.74	26757042.74	42866.33391	2621749039	1.876939	0.019
Statewide Totals	2030 Construction and Aggregate	Aggregate	Diesel	2066820.373	974284.6347	2575.193416	76602763.14	2.121372	0.027
Statewide Totals	2030 Industrial - Aerial Aggregate	Aggregate	Diesel	3181123.878	3061888.802	9659.125754	192546116.6	1.038942	0.017
Statewide Totals	2030 Industrial - Forklif Aggregate	Aggregate	Diesel	13393815.11	14329615.84	18119.90477	1282559045	0.934695	0.010
Statewide Totals	2030 Industrial - Misc - Aggregate	Aggregate	Diesel	2970.129104	0	1384.997413	0		
Statewide Totals	2030 Industrial - Misc - Aggregate	Aggregate	Diesel	2333.308595	0	286.4299386	0		
Statewide Totals	2030 Industrial - Misc - Aggregate	Aggregate	Diesel	612.4171377	0	114.6332109	0		
Statewide Totals	2030 Industrial - Other Aggregate	Aggregate	Diesel	6468828.403	4042225.301	4612.900972	356498023.9	1.600314	0.018
Statewide Totals	2030 Industrial - Other Aggregate	Aggregate	Diesel	3792690.036	1104858.67	1387.558154	185060064.7	3.432738	0.020
Statewide Totals	2030 Light Commercial Aggregate	Aggregate	Diesel	1015599.13	916931.1	1311.489405	33926450.7	1.107607	0.030
Statewide Totals	2030 Light Commercial Aggregate	Aggregate	Diesel	4725348.491	1845775.8	16100.07286	60910601.4	2.560088	0.078
Statewide Totals	2030 Light Commercial Aggregate	Aggregate	Diesel	23914.59433	18585.8	480.211166	706260.4	1.286713	0.034
Statewide Totals	2030 Light Commercial Aggregate	Aggregate	Diesel	2612616.092	963516.05	8383.586917	35650093.85	2.711544	0.073
Statewide Totals	2030 Light Commercial Aggregate	Aggregate	Diesel	5257990.842	3615686.35	9550.626103	166321572.1	1.454217	0.032
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	3457906.129	602548.2769	1595.559839	133228691	5.738803	0.026
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	8176931.042	2374390.638	4800.104735	548748509.7	3.443802	0.015
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	20194305.68	4288847.804	8841.724999	909765889.6	4.708562	0.022
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	36384541.8	11615445.96	17185.01225	1830699519	3.132427	0.020
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	13668648.22	3431388.681	5555.610721	645488171.4	3.983416	0.021
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	798.84842	0	130.4569851	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	1156.482718	0	894.2399812	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	44767.99162	32309.8	82.05256932	1066223.4	1.385586	0.042
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	93.49802122	0	37.79134038	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	666.988148	0	59.29000089	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	2495.465873	0	573.2335371	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	176.1662295	0	23.46000035	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	297.0300556	0	57.88524107	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	832.262644	0	517.3400012	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	5106.580244	0	1564.014771	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	119.3884571	0	15.03377613	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	32491.12331	11643.5	4545.120774	430809.5	2.790495	0.075
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	33818.26469	0	5997.137806	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	3197.346571	0	436.5155688	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	4240.409672	0	668.337712	0		
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	7700353.465	2722929.997	3912.115083	337582271.8	2.827966	0.023
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	46287661.46	5795658.24	4094.540647	2348108394	7.98661	0.020
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	10315053.25	2768981.853	5920.624972	476857030.3	3.725215	0.022
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	2425386.319	870037.21	2101.328965	112627173.7	2.787681	0.022
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	1411518.235	580714.6875	1190.598457	76400392.09	2.430657	0.018
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	6291632.543	3946235.87	10954.12075	317006276.6	1.594338	0.020
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	6831765.318	3262223.334	11035.45609	327813258.6	2.094205	0.021
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	4023578.878	786954.4226	975.6722418	195094772.8	5.112849	0.021
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	55578521.2	14697334.75	14302.6438	2976267786	3.781537	0.019
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	36173399.47	3943315.347	8035.907118	1447907310	9.173347	0.025
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	6624514.846	5219003.792	14310.37496	341387116.3	1.269306	0.019
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	760362.0244	185114.0451	657.1484988	48726273.14	4.107533	0.016
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	50773287.05	27051107.83	43163.25042	2650562569	1.876939	0.019
Statewide Totals	2031 Construction and Aggregate	Aggregate	Diesel	2089535.129	984992.2116	2593.030665	77444642.35	2.121372	0.027
Statewide Totals	2031 Industrial - Aerial Aggregate	Aggregate	Diesel	3216085.045	3095539.553	9726.03033	194662235.8	1.038942	0.017
Statewide Totals	2031 Industrial - Forklif Aggregate	Aggregate	Diesel	13541015.73	14487101.1	18245.4135	1296654617	0.934695	0.010
Statewide Totals	2031 Industrial - Misc - Aggregate	Aggregate	Diesel	2994.161606	0	1396.203355	0		
Statewide Totals	2031 Industrial - Misc - Aggregate	Aggregate	Diesel	2352.166348	0	288.6851504	0		
Statewide Totals	2031 Industrial - Misc - Aggregate	Aggregate	Diesel	615.2121108	0	115.1077725	0		
Statewide Totals	2031 Industrial - Other Aggregate	Aggregate	Diesel	6539922.08	4086650.141	4644.852538	360416006.2	1.600314	0.018
Statewide Totals	2031 Industrial - Other Aggregate	Aggregate	Diesel	3834372.434	1117001.281	1397.169168	187093910.7	3.432738	0.020
Statewide Totals	2031 Light Commercial Aggregate	Aggregate	Diesel	1020740.046	921741.8	1318.159338	34104446.6	1.107403	0.030
Statewide Totals	2031 Light Commercial Aggregate	Aggregate	Diesel	4749890.542	1855411.8	16185.07677	61228589.4	2.56002	0.078
Statewide Totals	2031 Light Commercial Aggregate	Aggregate	Diesel	24022.95235	18695.3	482.7610991	710421.4	1.284973	0.034
Statewide Totals	2031 Light Commercial Aggregate	Aggregate	Diesel	2626132.683	968531.15	8427.893429	35835652.55	2.711459	0.073
Statewide Totals	2031 Light Commercial Aggregate	Aggregate	Diesel	5285084.479	3634768.55	9600.323764	167199353.3	1.454036	0.032
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	3495496.067	609098.412	1606.480155	134676983.1	5.738803	0.026
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	8265820.189	2400201.979	4832.957568	554713802.4	3.443802	0.015
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	20413832.37	4335470.678	8902.239453	919655702	4.708562	0.022
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	36780068.05	11741714.24	17302.62976	1850600545	3.132427	0.020
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	13817236.3	3468690.354	5593.634381	652505094.2	3.983416	0.021
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	805.9184327	0	131.5885519	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	1170.563984	0	905.1299823	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	45360.58886	32674.8	82.90387103	1078268.4	1.388244	0.042
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	94.65030462	0	38.25708651	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	675.3128397	0	60.02999985	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	2528.019081	0	580.7097372	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	178.7944508	0	23.80999994	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	300.5273055	0	58.56678493	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	842.4298276	0	523.6599953	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	5165.516182	0	1581.928462	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	120.6499595	0	15.19262839	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	32901.31604	11811.4	4600.505721	437021.8	2.785556	0.075
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	34155.82168	0	6056.998267	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	3236.667964	0	441.8838887	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	4272.868776	0	673.5320299	0		
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	7784061.87	2752530.213	3938.890346	341252035	2.827966	0.023
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	46790841.78	5858661.231	4122.564465	2373634029	7.98661	0.020
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	10427185.33	2799082.686	5961.14686	482040810.7	3.725215	0.022
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	2451752.02	879495.143	2115.710861	113851512.5	2.787681	0.022
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	1426862.458	587027.4756	1198.74714	77230919.55	2.430657	0.018
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	6360027.134	3989134.305	11029.09285	320452363.8	1.594338	0.020
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	6906031.542	3297686.058	11110.98485	331376825.5	2.094205	0.021
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	4067318.087	795509.1857	982.3499289	197215593.9	5.112849	0.021
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	56182699.88	14857105.39	14400.53382	3008621967	3.781537	0.019
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	36566630.45	3986182.033	8090.906401	1463647109	9.173347	0.025
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	6696528.108	5275738.133	14408.3179	345098240.9	1.269306	0.019
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	768627.7089	187126.3685	661.6461486	49255962.93	4.107533	0.016
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	51325229.35	27345172.91	43458.66795	2679376099	1.876939	0.019
Statewide Totals	2032 Construction and Aggregate	Aggregate	Diesel	2112249.885	995699.7885	2610.777862	78286521.55	2.121372	0.027
Statewide Totals	2032 Industrial - Aerial Aggregate	Aggregate	Diesel	3251046.213	3129190.305	9792.597139	196778354.9	1.038942	0.017
Statewide Totals	2032 Industrial - Forklif Aggregate	Aggregate	Diesel	13688216.36	14644586.35	18370.28859	1310750190	0.934695	0.010
Statewide Totals	2032 Industrial - Misc - Aggregate	Aggregate	Diesel	3017.575588	0	1407.121072	0		
Statewide Totals	2032 Industrial - Misc - Aggregate	Aggregate	Diesel	2369.804652	0	290.7897072	0		
Statewide Totals	2032 Industrial - Misc - Aggregate	Aggregate	Diesel	620.2055733	0	116.0548633	0		
Statewide Totals	2032 Industrial - Other Aggregate	Aggregate	Diesel	6611015.758	4131074.98	4676.642795	364333988.6	1.600314	0.018
Statewide Totals	2032 Industrial - Other Aggregate	Aggregate	Diesel	3876054.832	1129143.892	1406.73166	189127756.6	3.432738	0.020
Statewide Totals	2032 Light Commercial Aggregate	Aggregate	Diesel	1026321.963	926972.25	1325.589322	34297973.25	1.107177	0.030
Statewide Totals	2032 Light Commercial Aggregate	Aggregate	Diesel	4776103.739	1865836.2	16274.68997	61572594.6	2.559766	0.078
Statewide Totals	2032 Light Commercial Aggregate	Aggregate	Diesel	24117.79503	18830.35	485.4608786	715553.3	1.280794	0.034
Statewide Totals	2032 Light Commercial Aggregate	Aggregate	Diesel	2640569.062	973998.85	8474.439687	36037957.45	2.71106	0.073
Statewide Totals	2032 Light Commercial Aggregate	Aggregate	Diesel	5314081.642	3654996.85	9654.501371	168129855.1	1.453922	0.032
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	3533086.004	615648.547	1617.345891	136125275.2	5.738803	0.026
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	8354709.336	2426013.321	4865.646201	560679095.1	3.443802	0.015
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	20633359.06	4382093.552	8962.451453	929545514.4	4.708562	0.022
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	37175594.31	11867982.53	17419.6594	1870501571	3.132427	0.020
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	13965824.38	3505992.028	5631.467998	659522016.9	3.983416	0.021
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	812.9750766	0	132.7578952	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	1184.695378	0	915.98995	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	45858.45467	33058.05	83.93042853	1090915.65	1.38721	0.042
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	95.70537301	0	38.68353887	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	683.3000519	0	60.74000087	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	2560.082761	0	588.0755953	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	181.347588	0	24.15000035	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	303.9317451	0	59.23024236	0		

Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	852.5327349	0	529.9400264	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	5223.731452	0	1599.805744	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	122.1826813	0	15.38563393	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	33282.67339	11957.4	4655.917571	442423.8	2.783437	0.075
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	34500.73575	0	6118.163351	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	3277.709449	0	447.4870512	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	4304.391854	0	679.0512508	0		
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	7867770.274	2782130.429	3965.531785	344921798.2	2.827966	0.023
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	47294022.1	5921664.223	4150.448218	2399159663	7.98661	0.020
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	10539317.41	2829183.519	6001.466217	487224591.1	3.725215	0.022
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	2478117.721	888953.076	2130.020877	115075851.2	2.787681	0.022
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	1442206.681	593340.2638	1206.855096	78061447	2.430657	0.018
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	6428421.725	4032032.74	11103.69023	323898451.1	1.594338	0.020
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	6980297.766	3333148.783	11186.13613	334940392.4	2.094205	0.021
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	4111057.296	804063.9487	988.9942407	199336415	5.112849	0.021
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	56786878.55	15016876.04	14497.93459	3040976148	3.781537	0.019
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	36959861.44	4029048.72	8145.630795	1479386907	9.173347	0.025
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	6768541.37	5332472.474	14505.77131	348809365.5	1.269306	0.019
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	776893.3934	189138.6919	666.121319	49785652.71	4.107533	0.016
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	51877171.66	27639237.99	43752.60897	2708189629	1.876939	0.019
Statewide Totals	2033 Construction and Aggregate	Aggregate	Diesel	2134964.641	1006407.365	2628.436358	79128400.76	2.121372	0.027
Statewide Totals	2033 Industrial - Aerial Aggregate	Aggregate	Diesel	3286007.381	3162841.056	9858.831244	198894474	1.038942	0.017
Statewide Totals	2033 Industrial - Forklif Aggregate	Aggregate	Diesel	13835416.98	14802071.61	18494.53955	1324845762	0.934695	0.010
Statewide Totals	2033 Industrial - Misc - Aggregate	Aggregate	Diesel	3038.689939	0	1416.966992	0		
Statewide Totals	2033 Industrial - Misc - Aggregate	Aggregate	Diesel	2390.536917	0	293.2440121	0		
Statewide Totals	2033 Industrial - Misc - Aggregate	Aggregate	Diesel	628.7189227	0	117.696521	0		
Statewide Totals	2033 Industrial - Other Aggregate	Aggregate	Diesel	6682109.435	4175499.819	4708.274164	368251970.9	1.600314	0.018
Statewide Totals	2033 Industrial - Other Aggregate	Aggregate	Diesel	3917737.231	1141286.502	1416.246359	191161602.6	3.432738	0.020
Statewide Totals	2033 Light Commercial Aggregate	Aggregate	Diesel	1032539.794	932447.25	1333.679206	34500548.25	1.107344	0.030
Statewide Totals	2033 Light Commercial Aggregate	Aggregate	Diesel	4804474.646	1877016.15	16372.19319	61941532.95	2.559634	0.078
Statewide Totals	2033 Light Commercial Aggregate	Aggregate	Diesel	24311.98071	18910.65	488.3606073	718604.7	1.285624	0.034
Statewide Totals	2033 Light Commercial Aggregate	Aggregate	Diesel	2656279.044	979809.65	8525.405799	36252957.05	2.711015	0.073
Statewide Totals	2033 Light Commercial Aggregate	Aggregate	Diesel	5345437.357	3676915.1	9711.768516	169138094.6	1.453783	0.032
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	3570675.942	622198.6821	1628.157857	137573567.3	5.738803	0.026
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	8443598.484	2451824.662	4898.173073	566644387.8	3.443802	0.015
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	20852885.75	4428716.426	9022.36549	939435326.9	4.708562	0.022
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	37571120.56	11994250.82	17536.10992	1890402597	3.132427	0.020
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	14114412.46	3543293.702	5669.114392	666538939.6	3.983416	0.021
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	820.8607868	0	134.0518467	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	1199.036696	0	927.0399718	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	46414.84893	33466.85	84.9538501	1104406.05	1.38689	0.042
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	96.83591191	0	39.14049583	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	690.4997679	0	61.37999789	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	2593.460439	0	595.7408019	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	183.1497916	0	24.38999916	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	307.5446227	0	59.93431972	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	862.8929675	0	536.3800094	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	5282.120095	0	1617.7853	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	123.7801719	0	15.58679501	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	33725.64867	12088.8	4711.259127	447285.6	2.789826	0.075
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	34845.58004	0	6179.31609	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	3318.270364	0	453.0246069	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	4342.065594	0	685.4335705	0		
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	7951478.679	2811730.645	3992.041386	348591561.3	2.827966	0.023
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	47797202.41	5984667.215	4178.193987	2424685298	7.98661	0.020
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	10651449.49	2859284.352	6041.586052	492408371.4	3.725215	0.022
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	2504483.423	898411.009	2144.260078	116300189.9	2.787681	0.022
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	1457550.903	599653.0519	1214.922928	78891974.45	2.430657	0.018
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	6496816.315	4074931.174	11177.91846	327344538.3	1.594338	0.020
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	7054563.991	3368611.507	11260.91551	338503959.3	2.094205	0.021
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	4154796.505	812618.7118	995.6056726	201457236.1	5.112849	0.021
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	57391057.23	15176646.69	14594.85336	3073330329	3.781537	0.019
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	37353092.42	4071915.406	8200.084381	1495126705	9.173347	0.025
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	6840554.632	5389206.816	14602.74247	352520490	1.269306	0.019
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	785159.0779	191151.0153	670.5743436	50315342.5	4.107533	0.016
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	52429113.97	27933303.08	44045.0954	2737003159	1.876939	0.019
Statewide Totals	2034 Construction and Aggregate	Aggregate	Diesel	2157679.398	1017114.942	2646.007469	79970279.97	2.121372	0.027
Statewide Totals	2034 Industrial - Aerial Aggregate	Aggregate	Diesel	3320968.548	3196491.807	9924.737584	201010593.1	1.038942	0.017
Statewide Totals	2034 Industrial - Forklif Aggregate	Aggregate	Diesel	13982617.6	14959556.86	18618.17565	1338941334	0.934695	0.010
Statewide Totals	2034 Industrial - Misc - Aggregate	Aggregate	Diesel	3055.264661	0	1424.698012	0		
Statewide Totals	2034 Industrial - Misc - Aggregate	Aggregate	Diesel	2410.365988	0	295.6728208	0		
Statewide Totals	2034 Industrial - Misc - Aggregate	Aggregate	Diesel	651.2499196	0	122.0488805	0		
Statewide Totals	2034 Industrial - Other Aggregate	Aggregate	Diesel	6753203.112	4219924.658	4739.749002	372169953.3	1.600314	0.018
Statewide Totals	2034 Industrial - Other Aggregate	Aggregate	Diesel	3959419.629	1153429.113	1425.713974	193195448.6	3.432738	0.020
Statewide Totals	2034 Light Commercial Aggregate	Aggregate	Diesel	1038649.146	938071.9	1341.919016	34708660.3	1.107217	0.030
Statewide Totals	2034 Light Commercial Aggregate	Aggregate	Diesel	4833801.365	1888535.55	16472.96591	62321673.15	2.55955	0.078
Statewide Totals	2034 Light Commercial Aggregate	Aggregate	Diesel	24467.99237	19031.1	491.3003579	723181.8	1.285685	0.034
Statewide Totals	2034 Light Commercial Aggregate	Aggregate	Diesel	2672495.295	985843.1	8577.68135	36476194.7	2.710873	0.073
Statewide Totals	2034 Light Commercial Aggregate	Aggregate	Diesel	5378132.249	3699424.65	9771.355997	170173533.9	1.453775	0.032
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	3608265.88	628748.8171	1638.916844	139021859.4	5.738803	0.026
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	8532487.631	2477636.003	4930.54056	572609680.5	3.443802	0.015
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	21072412.45	4475339.3	9081.985944	949325139.3	4.708562	0.022
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	37966646.81	12120519.11	17651.98982	1910303624	3.132427	0.020
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	14263000.54	3580595.376	5706.576316	673555862.3	3.983416	0.021
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	829.3511385	0	135.4575918	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	1212.731475	0	937.7199558	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	46964.20282	33857.4	86.05156978	1117294.2	1.387118	0.042
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	98.00590301	0	39.6133995	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	698.4869719	0	62.08999818	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	2626.443608	0	603.3144556	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	185.2523731	0	24.66999928	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	310.9452589	0	60.59703609	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	872.9153134	0	542.6099718	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	5339.258929	0	1635.509687	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	125.7585734	0	15.83592137	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	34070.41962	12260.35	4766.65087	453632.95	2.778911	0.075
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	35193.78742	0	6241.065206	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	3357.606904	0	458.3949963	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	4383.810785	0	692.239993	0		
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	8035187.084	2841330.861	4018.421089	352261324.5	2.827966	0.023
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	48300382.73	6047670.207	4205.8038	2450210932	7.98661	0.020
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	10763581.57	2889385.185	6081.509296	497592151.8	3.725215	0.022
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	2530849.124	907868.9419	2158.429506	117524528.7	2.787681	0.022
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	1472895.126	605965.8401	1222.951228	79722501.91	2.430657	0.018
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	6565210.906	4117829.609	11251.78296	330790625.5	1.594338	0.020
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	7128830.215	3404074.231	11335.32846	342067526.3	2.094205	0.021
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	4198535.714	821173.4749	1002.184708	203578057.2	5.112849	0.021
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	57995235.9	15336417.33	14691.29722	3105684510	3.781537	0.019
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	37746323.41	4114782.093	8254.271141	1510866504	9.173347	0.025
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	6912567.894	5445941.157	14699.23847	356231614.6	1.269306	0.019
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	793424.7623	193163.3387	675.0055481	50845032.29	4.107533	0.016
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	52981056.28	28227368.16	44336.14862	2765816688	1.876939	0.019
Statewide Totals	2035 Construction and Aggregate	Aggregate	Diesel	2180394.154	1027822.519	2663.49248	80812159.18	2.121372	0.027
Statewide Totals	2035 Industrial - Aerial Aggregate	Aggregate	Diesel	3355929.716	3230142.558	9990.320979	203126712.3	1.038942	0.017
Statewide Totals	2035 Industrial - Forklif Aggregate	Aggregate	Diesel	14129818.23	15117042.12	18741.20592	1353036907	0.934695	0.010
Statewide Totals	2035 Industrial - Misc - Aggregate	Aggregate	Diesel	3075.435594	0	1434.105008	0		
Statewide Totals	2035 Industrial - Misc - Aggregate	Aggregate	Diesel	2429.762084	0	298.0402175	0		
Statewide Totals	2035 Industrial - Misc - Aggregate	Aggregate	Diesel	666.1799464	0	124.8505554	0		
Statewide Totals	2035 Industrial - Other Aggregate	Aggregate	Diesel	6824296.79	4264349.497	4771.069612	376087935.6	1.600314	0.018
Statewide Totals	2035 Industrial - Other Aggregate	Aggregate	Diesel	4001102.027	1165571.724	1435.135196	195229294.5	3.432738	0.020
Statewide Totals	2035 Light Commercial Aggregate	Aggregate	Diesel	1045250.989	943955.7	1350.51887	34926360.9	1.107309	0.030
Statewide Totals	2035 Light Commercial Aggregate	Aggregate	Diesel	4863933.721	1900409	16575.86769	62713497	2.559414	0.078
Statewide Totals	2035 Light Commercial Aggregate	Aggregate	Diesel	24650.20386	19115.05	494.3001462	726371.9	1.28957	0.034

Statewide Totals	2035 Light Commercial Aggregate	Aggregate	Diesel	2689130.418	991934.95	8631.277297	36701593.15	2.710995	0.073
Statewide Totals	2035 Light Commercial Aggregate	Aggregate	Diesel	5411645.003	3722656.9	9832.622868	171242217.4	1.453705	0.032
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	3645855.817	635298.9522	1649.623622	140470151.5	5.738803	0.026
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	8621376.778	2503447.345	4962.750983	578574973.3	3.443802	0.015
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	21291939.14	4521962.174	9141.317088	959214951.7	4.708562	0.022
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	38362173.06	12246787.4	17767.30741	1930204650	3.132427	0.020
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	14411588.62	3617897.049	5743.856456	680572785	3.983416	0.021
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	837.0238327	0	136.722669	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	1226.856244	0	948.6100276	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	47531.62899	34266.2	87.07212368	1130784.6	1.387129	0.042
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	98.99263655	0	40.0122312	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	707.7116462	0	62.90999973	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	2658.948063	0	610.7811417	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	187.6553263	0	24.98999989	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	314.1873857	0	61.22886284	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	883.0825402	0	548.9299807	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	5397.123078	0	1653.419969	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	128.6990374	0	16.20619392	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	34495.11673	12395.4	4821.89274	458629.8	2.782897	0.075
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	35546.46395	0	6303.606774	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	3398.752875	0	464.0124247	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	4427.792808	0	699.2637437	0		
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	8118895.489	2870931.077	4044.672783	355931087.6	2.827966	0.023
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	48803563.05	6110673.199	4233.279635	2475736567	7.98661	0.020
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	10875713.65	2919486.018	6121.238812	502775932.2	3.725215	0.022
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	2557214.825	917326.8749	2172.530176	118748867.4	2.787681	0.022
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	1488239.349	612278.6283	1230.940571	80553029.36	2.430657	0.018
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	6633605.497	4160728.043	11325.28904	334236712.7	1.594338	0.020
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	7203096.439	3439536.955	11409.38033	345631093.2	2.094205	0.021
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	4242274.923	829728.2379	1008.731818	205698878.3	5.112849	0.021
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	58599414.58	15496187.98	14787.27309	3138038691	3.781537	0.019
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	38139554.39	4157648.779	8308.194958	1526606302	9.173347	0.025
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	6984581.155	5502675.498	14795.26621	359942739.2	1.269306	0.019
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	801690.4468	195175.6621	679.4152501	51374722.08	4.107533	0.016
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	53532998.59	28521433.24	44625.7895	2794630218	1.876939	0.019
Statewide Totals	2036 Construction and Aggregate	Aggregate	Diesel	2203108.91	1038530.096	2680.892646	81654038.38	2.121372	0.027
Statewide Totals	2036 Industrial - Aerial Aggregate	Aggregate	Diesel	3390890.884	3263793.309	10055.58613	205242831.4	1.038942	0.017
Statewide Totals	2036 Industrial - Forklif Aggregate	Aggregate	Diesel	14277018.85	15274527.37	18863.63919	1367132479	0.934695	0.010
Statewide Totals	2036 Industrial - Misc - Aggregate	Aggregate	Diesel	3117.964053	0	1453.936262	0		
Statewide Totals	2036 Industrial - Misc - Aggregate	Aggregate	Diesel	2467.570233	0	302.6492878	0		
Statewide Totals	2036 Industrial - Misc - Aggregate	Aggregate	Diesel	678.0458997	0	126.8943886	0		
Statewide Totals	2036 Industrial - Other Aggregate	Aggregate	Diesel	6895390.467	4308774.336	4802.238237	380005917.9	1.600314	0.018
Statewide Totals	2036 Industrial - Other Aggregate	Aggregate	Diesel	4042784.426	1177714.335	1444.510702	197263140.5	3.432738	0.020
Statewide Totals	2036 Light Commercial Aggregate	Aggregate	Diesel	1051731.189	949949	1359.108814	35148113	1.107145	0.030
Statewide Totals	2036 Light Commercial Aggregate	Aggregate	Diesel	4894670.067	1912413.85	16680.1606	63109657.05	2.55942	0.078
Statewide Totals	2036 Light Commercial Aggregate	Aggregate	Diesel	24835.33303	19220.9	497.400014	730394.2	1.2921	0.034
Statewide Totals	2036 Light Commercial Aggregate	Aggregate	Diesel	2706036.359	998202	8685.072807	36933474	2.710911	0.073
Statewide Totals	2036 Light Commercial Aggregate	Aggregate	Diesel	5445816.372	3746181.15	9895.050567	172324332.9	1.453698	0.032
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	3683445.755	641849.0872	1660.278945	141918443.6	5.738803	0.026
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	8710265.926	2529258.686	4994.806607	584540266	3.443802	0.015
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	21511465.83	4568585.047	9200.363094	969104764.1	4.708562	0.022
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	38757699.32	12373055.69	17882.0708	1950105676	3.132427	0.020
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	14560176.7	3655198.723	5780.957431	687589707.7	3.983416	0.021
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	845.160921	0	138.0670206	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	1241.269962	0	959.6500394	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	48043.83113	34675	88.00353641	1144275	1.385547	0.042
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	100.2188769	0	40.50787065	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	716.5988694	0	63.70000265	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	2691.592474	0	618.278697	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	189.6828235	0	25.26000105	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	317.9534853	0	61.96280116	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	892.8798102	0	555.0200285	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	5457.429845	0	1671.976033	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	131.566367	0	16.56725767	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	34894.60869	12559.65	4877.334436	464707.05	2.778311	0.075
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	35902.42809	0	6366.731424	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	3440.028596	0	469.6475607	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	4474.062904	0	706.5831412	0		
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	8202603.894	2900531.293	4070.798315	359600850.8	2.827966	0.023
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	49306743.37	6173676.19	4260.623425	2501262201	7.98661	0.020
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	10987845.73	2949586.851	6160.777392	507959712.6	3.725215	0.022
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	2583580.527	926784.8079	2186.563081	119973206.2	2.787681	0.022
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	1503583.572	618591.4164	1238.891517	81383556.81	2.430657	0.018
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	6702000.088	4203626.478	11398.44186	337682800	1.594338	0.020
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	7277362.663	3474999.68	11483.07631	349194660.1	2.094205	0.021
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	4286014.132	838283.001	1015.247464	207819699.4	5.112849	0.021
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	59203593.25	15655958.62	14882.78771	3170392871	3.781537	0.019
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	38532785.37	4200515.466	8361.859624	1542346101	9.173347	0.025
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	7056594.417	5559409.84	14890.83246	363653863.7	1.269306	0.019
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	809956.1313	197187.9855	683.8037596	51904411.87	4.107533	0.016
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	54084940.9	28815498.33	44914.03841	2823443748	1.876939	0.019
Statewide Totals	2037 Construction and Aggregate	Aggregate	Diesel	2225823.667	1049237.673	2698.209188	82495917.59	2.121372	0.027
Statewide Totals	2037 Industrial - Aerial Aggregate	Aggregate	Diesel	3425852.052	3297444.06	10120.53762	207358950.5	1.038942	0.017
Statewide Totals	2037 Industrial - Forklif Aggregate	Aggregate	Diesel	14424219.47	15432012.62	18985.48405	1381228051	0.934695	0.010
Statewide Totals	2037 Industrial - Misc - Aggregate	Aggregate	Diesel	3102.636548	0	1446.791447	0		
Statewide Totals	2037 Industrial - Misc - Aggregate	Aggregate	Diesel	2464.11276	0	302.2190315	0		
Statewide Totals	2037 Industrial - Misc - Aggregate	Aggregate	Diesel	673.6093836	0	126.0039701	0		
Statewide Totals	2037 Industrial - Other Aggregate	Aggregate	Diesel	6966484.144	4353199.176	4833.25707	383923900.3	1.600314	0.018
Statewide Totals	2037 Industrial - Other Aggregate	Aggregate	Diesel	4084466.824	1189856.946	1453.841151	199296986.5	3.432738	0.020
Statewide Totals	2037 Light Commercial Aggregate	Aggregate	Diesel	1058551.46	956029.9	1367.888614	35373106.3	1.107237	0.030
Statewide Totals	2037 Light Commercial Aggregate	Aggregate	Diesel	4925860.816	1924641.35	16787.26264	63513164.55	2.559366	0.078
Statewide Totals	2037 Light Commercial Aggregate	Aggregate	Diesel	24983.42586	19341.35	500.5096345	734971.3	1.291711	0.034
Statewide Totals	2037 Light Commercial Aggregate	Aggregate	Diesel	2723197.214	1004618.7	8740.328602	37170891.9	2.710677	0.073
Statewide Totals	2037 Light Commercial Aggregate	Aggregate	Diesel	5480411.423	3770165.3	9958.307517	173427603.8	1.453626	0.032
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	3721035.692	648399.2222	1670.883548	143366735.8	5.738803	0.026
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	8799155.073	2555070.028	5026.709643	590505558.7	3.443802	0.015
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	21730992.52	4615207.921	9259.128033	978994576.5	4.708562	0.022
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	39153225.57	12499323.98	17996.28791	1970006702	3.132427	0.020
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	14708764.78	3692500.397	5817.881801	694606630.5	3.983416	0.021
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	853.5684251	0	139.4537413	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	1255.235126	0	970.4999404	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	48600.30572	35050.95	88.99375912	1156681.35	1.386562	0.042
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	101.3263817	0	40.95551709	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	724.1360365	0	64.36999887	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	2725.390011	0	626.0375249	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	191.9355779	0	25.55999955	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	322.1180362	0	62.77438837	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	903.1756576	0	561.419997	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	5518.151203	0	1690.601035	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	134.4540146	0	16.93087945	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	35301.45467	12698.35	4932.784984	469838.95	2.780003	0.075
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	36258.63981	0	6429.900059	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	3479.323544	0	475.0122733	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	4522.144431	0	714.079408	0		
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	8286312.298	2930131.509	4096.799486	363270614	2.827966	0.023
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	49809923.68	6236679.182	4287.837055	2526787836	7.98661	0.020
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	11099977.81	2979687.684	6200.127764	513143493	3.725215	0.022
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	2609946.228	936242.7409	2200.529187	121197544.9	2.787681	0.022
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	1518927.795	624904.2046	1246.804617	82214084.26	2.430657	0.018
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	6770394.678	4246524.913	11471.24645	341128887.2	1.594338	0.020
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	7351628.887	3510462.404	11556.42149	352758227.1	2.094205	0.021
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	4329753.341	846837.764	1021.732095	209940520.5	5.112849	0.021
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	59807771.93	15815729.27	14977.84767	3202747052	3.781537	0.019

Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	38926016.36	4243382.152	8415.268839	1558085899	9.173347	0.025
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	7128607.679	5616144.181	14985.9438	367364988.3	1.269306	0.019
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	818221.8158	199200.3089	688.1713792	52434101.66	4.107533	0.016
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	54636883.2	29109563.41	45200.91521	2852257278	1.876939	0.019
Statewide Totals	2038 Construction and Aggregate	Aggregate	Diesel	2248538.423	1059945.25	2715.443301	83337796.8	2.121372	0.027
Statewide Totals	2038 Industrial - Aerial Aggregate	Aggregate	Diesel	3460813.219	3331094.811	10185.17994	209475069.6	1.038942	0.017
Statewide Totals	2038 Industrial - Forklif Aggregate	Aggregate	Diesel	14571420.09	15589497.88	19106.74892	1395323624	0.934695	0.010
Statewide Totals	2038 Industrial - Misc - Aggregate	Aggregate	Diesel	3146.408206	0	1467.200703	0		
Statewide Totals	2038 Industrial - Misc - Aggregate	Aggregate	Diesel	2501.66634	0	306.7671987	0		
Statewide Totals	2038 Industrial - Misc - Aggregate	Aggregate	Diesel	683.1600041	0	127.8019249	0		
Statewide Totals	2038 Industrial - Other Aggregate	Aggregate	Diesel	7037577.822	4397624.015	4864.128249	387841882.6	1.600314	0.018
Statewide Totals	2038 Industrial - Other Aggregate	Aggregate	Diesel	4126149.222	1201999.557	1463.127185	201330832.4	3.432738	0.020
Statewide Totals	2038 Light Commercial Aggregate	Aggregate	Diesel	1065053.496	962048.75	1376.44859	35595803.75	1.107068	0.030
Statewide Totals	2038 Light Commercial Aggregate	Aggregate	Diesel	4956682.221	1936730.15	16892.23518	63912094.95	2.559305	0.078
Statewide Totals	2038 Light Commercial Aggregate	Aggregate	Diesel	25112.78168	19443.55	503.8593723	738854.9	1.291574	0.034
Statewide Totals	2038 Light Commercial Aggregate	Aggregate	Diesel	2740393.811	1010863.85	8795.724075	37401962.45	2.710943	0.073
Statewide Totals	2038 Light Commercial Aggregate	Aggregate	Diesel	5514658.324	3793901.25	10020.59462	174519457.5	1.453559	0.032
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	3758625.63	654949.3573	1681.438147	144815027.9	5.738803	0.026
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	8888044.22	2580881.369	5058.462248	596470851.4	3.443802	0.015
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	21950519.21	4661830.795	9317.615882	988884389	4.708562	0.022
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	39548751.82	12625592.26	18109.96645	1989907729	3.132427	0.020
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	14857352.86	3729802.071	5854.632065	701623553.2	3.983416	0.021
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	863.4938034	0	141.0860388	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	1269.287449	0	981.3999748	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	49145.91562	35496.25	90.03182068	1171376.25	1.384538	0.042
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	102.5878664	0	41.4654019	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	732.3482668	0	65.10000075	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	2757.589145	0	633.4351724	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	194.1132558	0	25.85000031	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	325.7371402	0	63.47967929	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	913.439413	0	567.8000148	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	5579.604796	0	1709.457891	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	136.9437246	0	17.24439167	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	35693.7004	12844.35	4988.235315	475240.95	2.778942	0.075
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	36612.35726	0	6492.626281	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	3519.991407	0	480.5644287	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	4572.781586	0	721.9444696	0		
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	8370020.703	2959731.725	4122.678056	366940377.1	2.827966	0.023
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	50313104	6299682.174	4314.922367	2552313470	7.98661	0.020
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	11212109.89	3009788.517	6239.29259	518327273.4	3.725215	0.022
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	2636311.929	945700.6739	2214.429439	122421883.6	2.787681	0.022
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	1534272.018	631216.9927	1254.680404	83044611.72	2.430657	0.018
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	6838789.269	4289423.347	11543.70776	344574974.4	1.594338	0.020
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	7425895.112	3545925.128	11629.42083	356321794	2.094205	0.021
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	4373492.55	855392.5271	1028.186149	212061341.7	5.112849	0.021
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	60411950.6	15975499.91	15072.45939	3235101233	3.781537	0.019
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	39319247.34	4286248.838	8468.426218	1573825697	9.173347	0.025
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	7200620.941	5672878.522	15080.60667	371076112.9	1.269306	0.019
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	826487.5003	201212.6323	692.5184045	52963791.44	4.107533	0.016
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	55188825.51	29403628.49	45486.43932	2881070808	1.876939	0.019
Statewide Totals	2039 Construction and Aggregate	Aggregate	Diesel	2271253.179	1070652.827	2732.596152	84179676.01	2.121372	0.027
Statewide Totals	2039 Industrial - Aerial Aggregate	Aggregate	Diesel	3495774.387	3364745.562	10249.51745	211591188.8	1.038942	0.017
Statewide Totals	2039 Industrial - Forklif Aggregate	Aggregate	Diesel	14718620.72	15746983.13	19227.442	1409419196	0.934695	0.010
Statewide Totals	2039 Industrial - Misc - Aggregate	Aggregate	Diesel	3161.621889	0	1474.294309	0		
Statewide Totals	2039 Industrial - Misc - Aggregate	Aggregate	Diesel	2519.154209	0	308.7657938	0		
Statewide Totals	2039 Industrial - Misc - Aggregate	Aggregate	Diesel	687.3432231	0	128.5939515	0		
Statewide Totals	2039 Industrial - Other Aggregate	Aggregate	Diesel	7108671.499	4442048.854	4894.853864	391759865	1.600314	0.018
Statewide Totals	2039 Industrial - Other Aggregate	Aggregate	Diesel	4167831.62	1214142.167	1472.369433	203364678.4	3.432738	0.020
Statewide Totals	2039 Light Commercial Aggregate	Aggregate	Diesel	1071569.527	967943.5	1384.538354	35813909.5	1.107058	0.030
Statewide Totals	2039 Light Commercial Aggregate	Aggregate	Diesel	4986648.695	1948472.2	16994.33776	64299582.6	2.559261	0.078
Statewide Totals	2039 Light Commercial Aggregate	Aggregate	Diesel	25265.18164	19582.25	507.2892344	744125.5	1.290208	0.034
Statewide Totals	2039 Light Commercial Aggregate	Aggregate	Diesel	2756943.034	1017010.45	8848.939952	37629386.65	2.710831	0.073
Statewide Totals	2039 Light Commercial Aggregate	Aggregate	Diesel	5548161.125	3816797.7	10081.12205	175572694.2	1.453617	0.032
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	3796215.567	661499.4923	1691.943443	146263320	5.738803	0.026
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	8976933.368	2606692.711	5090.06653	602436144.1	3.443802	0.015
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	22170045.9	4708453.669	9375.830524	998774201.4	4.708562	0.022
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	39944278.08	12751860.55	18223.11398	2009808755	3.132427	0.020
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	15005940.94	3767103.744	5891.210661	708640475.9	3.983416	0.021
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	874.3097947	0	142.8647829	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	1283.153398	0	992.1299678	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	49669.29808	35875.85	91.09140436	1183903.05	1.384477	0.042
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	103.6975526	0	41.91393047	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	739.885464	0	65.76999889	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	2790.033098	0	640.8888921	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	196.140739	0	26.11999956	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	329.4133637	0	64.19610223	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	923.5422218	0	574.079991	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	5640.569098	0	1728.124535	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	139.1553042	0	17.52288061	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	36118.39876	13004.95	5043.477613	481183.15	2.777281	0.075
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	36962.73848	0	6554.760846	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	3561.331895	0	486.2084099	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	4623.865947	0	729.8216085	0		
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	8453729.108	2989331.941	4148.435742	370610140.3	2.827966	0.023
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	50816284.32	6362685.166	4341.881158	2577839105	7.98661	0.020
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	11324241.97	3039889.35	6278.27447	523511053.8	3.725215	0.022
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	2662677.631	955158.6068	2228.264762	123646222.4	2.787681	0.022
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	1549616.241	637529.7809	1262.519401	83875139.17	2.430657	0.018
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	6907183.86	4332321.782	11615.83059	348021061.7	1.594338	0.020
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	7500161.336	3581387.852	11702.07918	359885360.9	2.094205	0.021
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	4417231.759	863947.2902	1034.610055	214182162.8	5.112849	0.021
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	61016129.28	16135270.56	15166.62917	3267455414	3.781537	0.019
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	39712478.32	4329115.525	8521.335289	1589565496	9.173347	0.025
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	7272634.203	5729612.864	15174.82735	374787237.4	1.269306	0.019
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	834753.1848	203224.9557	696.8451241	53493481.23	4.107533	0.016
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	55740767.82	29697693.58	45770.6297	2909884338	1.876939	0.019
Statewide Totals	2040 Construction and Aggregate	Aggregate	Diesel	2293967.936	1081360.404	2749.668878	85021555.21	2.121372	0.027
Statewide Totals	2040 Industrial - Aerial Aggregate	Aggregate	Diesel	3530735.555	3398396.314	10313.55443	213707307.9	1.038942	0.017
Statewide Totals	2040 Industrial - Forklif Aggregate	Aggregate	Diesel	14865821.34	15904468.39	19347.5713	1423514769	0.934695	0.010
Statewide Totals	2040 Industrial - Misc - Aggregate	Aggregate	Diesel	3173.587959	0	1479.873734	0		
Statewide Totals	2040 Industrial - Misc - Aggregate	Aggregate	Diesel	2534.942951	0	310.6320338	0		
Statewide Totals	2040 Industrial - Misc - Aggregate	Aggregate	Diesel	692.8683816	0	129.6162453	0		
Statewide Totals	2040 Industrial - Other Aggregate	Aggregate	Diesel	7179765.177	4486473.693	4925.435954	395677847.3	1.600314	0.018
Statewide Totals	2040 Industrial - Other Aggregate	Aggregate	Diesel	4209514.019	1226284.778	1481.56851	205398524.3	3.432738	0.020
Statewide Totals	2040 Light Commercial Aggregate	Aggregate	Diesel	1077766.247	973392.95	1392.638203	36015539.15	1.107226	0.030
Statewide Totals	2040 Light Commercial Aggregate	Aggregate	Diesel	5015106.97	1959582.8	17091.10025	64666232.4	2.559273	0.078
Statewide Totals	2040 Light Commercial Aggregate	Aggregate	Diesel	25376.21313	19658.9	509.9087148	747038.2	1.290826	0.034
Statewide Totals	2040 Light Commercial Aggregate	Aggregate	Diesel	2772722.957	1022817.6	8899.20604	37844251.2	2.710867	0.073
Statewide Totals	2040 Light Commercial Aggregate	Aggregate	Diesel	5579765.641	3838686.75	10138.73941	176579590.5	1.453561	0.032
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	3833805.505	668049.6274	1702.400122	147711612.1	5.738803	0.026
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	9065822.515	2632504.052	5121.52455	608401436.8	3.443802	0.015
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	22389572.59	4755076.543	9433.775752	1008664014	4.708562	0.022
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	40339804.33	12878128.84	18335.73787	2029709781	3.132427	0.020
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	15154529.02	3804405.418	5927.619973	715657398.6	3.983416	0.021
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	874.8487399	0	142.9365411	0		
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	1283.098955	0	992.0599611	0		
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	49667.22131	35875.85	90.65707167	1183903.05	1.384419	0.042
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	103.5787814	0	41.86592353	0		
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	739.9979582	0	65.77999819	0		
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	2790.00946	0	640.8804933	0		
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	196.5161974	0	26.16999928	0		
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	328.4894114	0	64.01604228	0		
Statewide Totals	2041 Construction and Aggregate	Aggregate	Diesel	923.5100397	0	574.0599807	0		

Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	5618.798538	0	1720.933407	0		
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	138.3095521	0	17.41638101	0		
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	36118.49248	13004.95	5043.510115	481183.15	2.777288	0.075
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	36831.14941	0	6531.425607	0		
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	3560.294645	0	486.0668018	0		
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	4429.595179	0	693.656631	0		
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	8537437.513	3018932.157	4174.074224	374279903.4	2.827966	0.023
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	51319464.64	6425688.157	4368.715185	2603364739	7.98661	0.020
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	11436374.05	3069990.183	6317.075944	528694834.2	3.725215	0.022
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	2689043.332	964616.5398	2242.036055	124870561.1	2.787681	0.022
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	1564960.464	643842.569	1270.322121	84705666.62	2.430657	0.018
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	6975578.451	4375220.217	11687.61964	351467148.9	1.594338	0.020
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	7574427.56	3616850.577	11774.40127	363448927.9	2.094205	0.021
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	4460970.968	872502.0532	1041.004231	216302983.9	5.112849	0.021
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	61620307.95	16295041.21	15260.36314	3299809595	3.781537	0.019
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	40105709.31	4371982.211	8573.9995	1605305294	9.173347	0.025
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	7344647.465	5786347.205	15268.61198	378498362	1.269306	0.019
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	843018.8692	205237.2791	701.1518198	54023171.02	4.107533	0.016
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	56292710.13	29991758.66	46053.50486	2938697868	1.876939	0.019
Statewide Totals	2041 Construction and	Aggregate	Aggregate	Diesel	2316682.692	1092067.98	2766.662593	85863434.42	2.121372	0.027
Statewide Totals	2041 Industrial - Aerial	Aggregate	Aggregate	Diesel	3565696.722	3432047.065	10377.29505	215823427	1.038942	0.017
Statewide Totals	2041 Industrial - Forklif	Aggregate	Aggregate	Diesel	15013021.96	16061953.64	19467.14464	1437610341	0.934695	0.010
Statewide Totals	2041 Industrial - Misc -	Aggregate	Aggregate	Diesel	3155.673738	0	1471.519933	0		
Statewide Totals	2041 Industrial - Misc -	Aggregate	Aggregate	Diesel	2520.422357	0	308.8477213	0		
Statewide Totals	2041 Industrial - Misc -	Aggregate	Aggregate	Diesel	681.6237777	0	127.4279964	0		
Statewide Totals	2041 Industrial - Other	Aggregate	Aggregate	Diesel	7250858.854	4530898.532	4955.876511	399595829.7	1.600314	0.018
Statewide Totals	2041 Industrial - Other	Aggregate	Aggregate	Diesel	4251196.417	1238427.389	1490.725013	207432370.3	3.432738	0.020
Statewide Totals	2041 Light Commercial	Aggregate	Aggregate	Diesel	1077803.199	973392.95	1392.738148	36015539.15	1.107264	0.030
Statewide Totals	2041 Light Commercial	Aggregate	Aggregate	Diesel	5015103.649	1959582.8	17091.15086	64666232.4	2.559271	0.078
Statewide Totals	2041 Light Commercial	Aggregate	Aggregate	Diesel	25376.10316	19658.9	509.9189744	747038.2	1.29082	0.034
Statewide Totals	2041 Light Commercial	Aggregate	Aggregate	Diesel	2772736.123	1022817.6	8899.336274	37844251.2	2.71088	0.073
Statewide Totals	2041 Light Commercial	Aggregate	Aggregate	Diesel	5579771.711	3838686.75	10138.65941	176579590.5	1.453563	0.032
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	3871395.443	674599.7624	1712.808852	149159904.2	5.738803	0.026
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	9154711.662	2658315.394	5152.83832	614366729.5	3.443802	0.015
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	22609099.28	4801699.417	9491.455272	1018553826	4.708562	0.022
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	40735330.58	13004397.13	18447.84532	2049610807	3.132427	0.020
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	15303117.1	3841707.092	5963.862331	722674321.3	3.983416	0.021
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	875.1545893	0	142.9533013	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	1283.042867	0	992.0599859	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	49665.1951	35875.85	90.23331159	1183903.05	1.384363	0.042
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	103.8004164	0	41.95550691	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	740.110485	0	65.79000098	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	2789.422444	0	640.7463078	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	196.5162061	0	26.17000039	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	327.129431	0	63.7510096	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	923.6548629	0	574.1500058	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	5596.866935	0	1713.755721	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	136.9064335	0	17.23969602	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	36118.27601	13004.95	5043.434768	481183.15	2.777271	0.075
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	36709.56214	0	6509.863963	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	3557.908369	0	485.7410177	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	4236.195698	0	658.8579673	0		
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	8621145.918	3048532.374	4199.595139	377949666.6	2.827966	0.023
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	51822644.96	6488691.149	4395.426165	2628890374	7.98661	0.020
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	11548506.13	3100091.016	6355.699494	533878614.6	3.725215	0.022
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	2715409.033	974074.4728	2255.744199	126094899.9	2.787681	0.022
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	1580304.686	650155.3572	1278.089061	85536194.08	2.430657	0.018
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	7043973.041	4418118.651	11759.0795	354913236.1	1.594338	0.020
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	7648693.784	3652313.301	11846.39172	367012494.8	2.094205	0.021
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	4504710.177	881056.8163	1047.369087	218423805	5.112849	0.021
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	62224486.63	16454811.85	15353.66729	3332163776	3.781537	0.019
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	40498940.29	4414848.898	8626.422218	1621045093	9.173347	0.025
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	7416660.726	5843081.547	15361.96657	382209486.6	1.269306	0.019
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	851284.5537	207249.6025	705.4387672	54552860.81	4.107533	0.016
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	56844652.44	30285823.74	46335.08289	2967511398	1.876939	0.019
Statewide Totals	2042 Construction and	Aggregate	Aggregate	Diesel	2339397.448	1102775.557	2783.578383	86705313.63	2.121372	0.027
Statewide Totals	2042 Industrial - Aerial	Aggregate	Aggregate	Diesel	3600657.89	3465697.816	10440.74339	217939546.1	1.038942	0.017
Statewide Totals	2042 Industrial - Forklif	Aggregate	Aggregate	Diesel	15160222.59	16219438.9	19586.16968	1451705913	0.934695	0.010
Statewide Totals	2042 Industrial - Misc -	Aggregate	Aggregate	Diesel	3144.966597	0	1466.526805	0		
Statewide Totals	2042 Industrial - Misc -	Aggregate	Aggregate	Diesel	2509.158192	0	307.4786001	0		
Statewide Totals	2042 Industrial - Misc -	Aggregate	Aggregate	Diesel	670.6391387	0	125.3068543	0		
Statewide Totals	2042 Industrial - Other	Aggregate	Aggregate	Diesel	7321952.531	4575323.371	4986.177483	403513812	1.600314	0.018
Statewide Totals	2042 Industrial - Other	Aggregate	Aggregate	Diesel	4292878.815	1250570	1499.839529	209466216.3	3.432738	0.020
Statewide Totals	2042 Light Commercial	Aggregate	Aggregate	Diesel	1077745.104	973392.95	1392.578189	36015539.15	1.107205	0.030
Statewide Totals	2042 Light Commercial	Aggregate	Aggregate	Diesel	5015071.695	1959582.8	17090.93046	64666232.4	2.559255	0.078
Statewide Totals	2042 Light Commercial	Aggregate	Aggregate	Diesel	25370.93625	19658.9	509.7888365	747038.2	1.290557	0.034
Statewide Totals	2042 Light Commercial	Aggregate	Aggregate	Diesel	2772781.315	1022817.6	8899.446059	37844251.2	2.710925	0.073
Statewide Totals	2042 Light Commercial	Aggregate	Aggregate	Diesel	5579891.657	3838686.75	10139.14926	176579590.5	1.453594	0.032
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	3908985.38	681149.8975	1723.170286	150608196.3	5.738803	0.026
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	9243600.81	2684126.735	5184.009805	620332022.2	3.443802	0.015
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	22828625.97	4848322.291	9548.872706	1028443639	4.708562	0.022
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	41130856.84	13130665.42	18559.44337	2069511834	3.132427	0.020
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	15451705.18	3879008.766	5999.94001	729691244	3.983416	0.021
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	875.4599875	0	142.976496	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	1283.51482	0	992.2699454	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	49663.30582	35875.85	89.83819109	1183903.05	1.38431	0.042
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	103.803049	0	41.95657143	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	740.3354728	0	65.81000002	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	2788.85772	0	640.6157951	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	196.5912951	0	26.18000001	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	325.591307	0	63.45125914	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	923.6066087	0	574.1200123	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	5576.518082	0	1707.000835	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	135.1794787	0	17.02223251	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	36118.39322	13004.95	5043.47572	481183.15	2.77728	0.075
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	36598.38345	0	6490.148191	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	3556.739676	0	485.581462	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	4121.031614	0	644.8382139	0		
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	8704854.322	3078132.59	4225.000093	381619429.8	2.827966	0.023
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	52325825.27	6551694.141	4422.015775	2654416008	7.98661	0.020
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	11660638.21	3130191.849	6394.147545	539062395	3.725215	0.022
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	2741774.735	983532.4058	2269.390056	127319238.6	2.787681	0.022
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	1595648.909	656468.1453	1285.820709	86366721.53	2.430657	0.018
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	7112367.632	4461017.086	11830.21466	358359323.3	1.594338	0.020
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	7722960.008	3687776.025	11918.05506	370576061.7	2.094205	0.021
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	4548449.386	889611.5794	1053.705023	220544626.1	5.112849	0.021
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	62828665.3	16614582.5	15446.54748	3364517957	3.781537	0.019
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	40892171.27	4457715.584	8678.606738	1636784891	9.173347	0.025
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	7488673.988	5899815.888	15454.89696	385920611.1	1.269306	0.019
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	859550.2382	209261.9259	709.7062355	55082550.6	4.107533	0.016
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	57396594.75	30579888.83	46615.38149	2996324927	1.876939	0.019
Statewide Totals	2043 Construction and	Aggregate	Aggregate	Diesel	2362112.205	1113483.134	2800.41731	87547192.84	2.121372	0.027
Statewide Totals	2043 Industrial - Aerial	Aggregate	Aggregate	Diesel	3635619.058	3499348.567	10503.90343	220055665.3	1.038942	0.017
Statewide Totals	2043 Industrial - Forklif	Aggregate	Aggregate	Diesel	15307423.21	16376924.15	19704.6539	1465801486	0.934695	0.010
Statewide Totals	2043 Industrial - Misc -	Aggregate	Aggregate	Diesel	3138.067207	0	1463.309291	0		
Statewide Totals	2043 Industrial - Misc -	Aggregate	Aggregate	Diesel	2503.465222	0	306.9769866	0		
Statewide Totals	2043 Industrial - Misc -	Aggregate	Aggregate	Diesel	663.8193644	0	124.1332699	0		
Statewide Totals	2043 Industrial - Other	Aggregate	Aggregate	Diesel	7393046.209	4619748.211	5016.340773	407431794.4	1.600314	0.018
Statewide Totals	2043 Industrial - Other	Aggregate	Aggregate	Diesel	4334561.213	1262712.611	1508.912631	211500062.2	3.432738	0.020
Statewide Totals	2043 Light Commercial	Aggregate	Aggregate	Diesel	1077766.197	973392.95	1392.608199	36015539.15	1.107226	0.030
Statewide Totals	2043 Light Commercial	Aggregate	Aggregate	Diesel	5015123.975	1959582.8	17091.13059	64666232.4	2.559281	0.078
Statewide Totals	2043 Light Commercial	Aggregate	Aggregate	Diesel	25370.73779	19658.9	509.7688685	747038.2	1.290547	0.034
Statewide Totals	2043 Light Commercial	Aggregate	Aggregate	Diesel	2772742.354	1022817.6	8899.366368	37844251.2	2.710886	0.073

Statewide Totals	2043	Light Commercial	Aggregate	Aggregate	Diesel	5579814.939	3838686.75	10138.81918	176579590.5	1.453574	0.032
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	3946575.318	687700.0325	1733.485064	152056488.4	5.738803	0.026
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	9332489.957	2709938.077	5215.040927	626297314.9	3.443802	0.015
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	23048152.66	4894945.164	9606.031594	1038333451	4.708562	0.022
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	41526383.09	13256933.71	18670.53891	2089412860	3.132427	0.020
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	15600293.26	3916310.439	6035.855234	736708166.8	3.983416	0.021
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	875.4315474	0	142.9911723	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	1283.475656	0	992.3200484	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	49661.33702	35875.85	89.42643761	1183903.05	1.384255	0.042
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	103.6857051	0	41.90914158	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	740.560518	0	65.83000516	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	2788.469019	0	640.524945	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	196.9667716	0	26.23000206	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	324.6743222	0	63.27255755	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	923.5262032	0	574.070027	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	5561.226389	0	1702.79124	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	133.6205191	0	16.82592291	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	36118.50631	13004.95	5043.515003	481183.15	2.777289	0.075
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	36506.89667	0	6473.924477	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	3555.804514	0	485.4537886	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	4101.070936	0	643.5077053	0		
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	8788562.727	3107732.806	4250.29065	385289192.9	2.827966	0.023
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	52829005.59	6614697.133	4448.485654	2679941643	7.98661	0.020
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	11772770.29	3160292.682	6432.422468	544246175.4	3.725215	0.022
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	2768140.436	992990.3387	2282.974468	128543577.3	2.787681	0.022
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	1610993.132	662780.9335	1293.517542	87197248.98	2.430657	0.018
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	7180762.223	4503915.52	11901.0295	361805410.6	1.594338	0.020
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	7797226.233	3723238.749	11989.39571	374139628.6	2.094205	0.021
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	4592188.595	898166.3424	1060.012428	222665447.2	5.112849	0.021
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	63432843.97	16774353.14	15539.00944	3396872137	3.781537	0.019
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	41285402.26	4500582.271	8730.556275	1652524689	9.173347	0.025
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	7560687.25	5956550.229	15547.4089	389631735.7	1.269306	0.019
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	867815.9227	211274.2493	713.9544877	55612240.39	4.107533	0.016
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	57948537.05	30873953.91	46894.41792	3025138457	1.876939	0.019
Statewide Totals	2044	Construction and	Aggregate	Aggregate	Diesel	2384826.961	1124190.711	2817.180414	88389072.04	2.121372	0.027
Statewide Totals	2044	Industrial - Aerial	Aggregate	Aggregate	Diesel	3670580.225	3532999.318	10566.77907	222171784.4	1.038942	0.017
Statewide Totals	2044	Industrial - Forklif	Aggregate	Aggregate	Diesel	15454623.83	16534409.4	19822.60459	1479897058	0.934695	0.010
Statewide Totals	2044	Industrial - Misc -	Aggregate	Aggregate	Diesel	3133.47187	0	1461.165783	0		
Statewide Totals	2044	Industrial - Misc -	Aggregate	Aggregate	Diesel	2503.833902	0	307.1115083	0		
Statewide Totals	2044	Industrial - Misc -	Aggregate	Aggregate	Diesel	662.1644278	0	123.8750152	0		
Statewide Totals	2044	Industrial - Other	Aggregate	Aggregate	Diesel	7464139.886	4664173.05	5046.368241	411349776.7	1.600314	0.018
Statewide Totals	2044	Industrial - Other	Aggregate	Aggregate	Diesel	4376243.612	1274855.222	1517.944877	213533908.2	3.432738	0.020
Statewide Totals	2044	Light Commercial	Aggregate	Aggregate	Diesel	1077742.448	973392.95	1392.568164	36015539.15	1.107202	0.030
Statewide Totals	2044	Light Commercial	Aggregate	Aggregate	Diesel	5015168.822	1959582.8	17091.34032	64666232.4	2.559304	0.078
Statewide Totals	2044	Light Commercial	Aggregate	Aggregate	Diesel	25372.48348	19658.9	509.7687335	747038.2	1.290636	0.034
Statewide Totals	2044	Light Commercial	Aggregate	Aggregate	Diesel	2772842.788	1022817.6	8899.806179	37844251.2	2.710985	0.073
Statewide Totals	2044	Light Commercial	Aggregate	Aggregate	Diesel	5579784.588	3838686.75	10138.73935	176579590.5	1.453566	0.032
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	3984165.255	694250.1675	1743.753809	153504780.6	5.738803	0.026
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	9421379.104	2735749.418	5245.933567	632262607.7	3.443802	0.015
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	23267679.35	4941568.038	9662.935399	1048223264	4.708562	0.022
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	41921909.34	13383201.99	18781.13866	2109313886	3.132427	0.020
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	15748881.34	3953612.113	6071.610178	743725089.5	3.983416	0.021
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	874.8824232	0	142.8765459	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	1283.501363	0	992.3299656	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	49658.9115	35875.85	88.91916946	1183903.05	1.384188	0.042
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	103.8568225	0	41.97830593	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	740.110505	0	65.79000203	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	2788.067602	0	640.433451	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	197.0418547	0	26.24000081	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	323.1083195	0	62.96737504	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	923.493996	0	574.0500147	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	5551.232142	0	1700.415757	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	131.8298576	0	16.6004371	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	36118.40205	13004.95	5043.478734	481183.15	2.777281	0.075
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	36523.2934	0	6476.832202	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	3554.097962	0	485.2208119	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	4118.903646	0	645.9853997	0		
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	8872271.132	3137333.022	4275.468342	388958956.1	2.827966	0.023
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	53332185.91	6677700.125	4474.837406	2705467277	7.98661	0.020
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	11884902.37	3190393.515	6470.526581	549429955.8	3.725215	0.022
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	2794506.138	1002448.272	2296.498256	129767916.1	2.787681	0.022
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	1626337.355	669093.7216	1301.180027	88027776.43	2.430657	0.018
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	7249156.814	4546813.955	11971.52832	365251497.8	1.594338	0.020
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	7871492.457	3758701.474	12060.41799	377703195.6	2.094205	0.021
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	4635927.804	906721.1055	1066.291685	224786268.3	5.112849	0.021
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	64037022.65	16934123.79	15631.05877	3429226318	3.781537	0.019
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	41678633.24	4543448.957	8782.273976	1668264488	9.173347	0.025
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	7632700.512	6013284.571	15639.50799	393342860.3	1.269306	0.019
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	876081.6072	213286.5727	718.1837812	56141930.17	4.107533	0.016
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	58500479.36	31168018.99	47172.2091	3053951987	1.876939	0.019
Statewide Totals	2045	Construction and	Aggregate	Aggregate	Diesel	2407541.717	1134898.288	2833.868708	89230951.25	2.121372	0.027
Statewide Totals	2045	Industrial - Aerial	Aggregate	Aggregate	Diesel	3705541.393	3566650.069	10629.37411	224287903.5	1.038942	0.017
Statewide Totals	2045	Industrial - Forklif	Aggregate	Aggregate	Diesel	15601824.46	16691894.66	19940.02889	1493992630	0.934695	0.010
Statewide Totals	2045	Industrial - Misc -	Aggregate	Aggregate	Diesel	3135.168446	0	1461.956399	0		
Statewide Totals	2045	Industrial - Misc -	Aggregate	Aggregate	Diesel	2506.499951	0	307.4693035	0		
Statewide Totals	2045	Industrial - Misc -	Aggregate	Aggregate	Diesel	662.9429541	0	124.0420879	0		
Statewide Totals	2045	Industrial - Other	Aggregate	Aggregate	Diesel	7535233.563	4708597.889	5076.261704	415267759.1	1.600314	0.018
Statewide Totals	2045	Industrial - Other	Aggregate	Aggregate	Diesel	4417926.01	1286997.832	1526.936815	215567754.2	3.432738	0.020
Statewide Totals	2045	Light Commercial	Aggregate	Aggregate	Diesel	1077763.498	973392.95	1392.608044	36015539.15	1.107223	0.030
Statewide Totals	2045	Light Commercial	Aggregate	Aggregate	Diesel	5015205.331	1959582.8	17091.53983	64666232.4	2.559323	0.078
Statewide Totals	2045	Light Commercial	Aggregate	Aggregate	Diesel	25364.72188	19658.9	509.648715	747038.2	1.290241	0.034
Statewide Totals	2045	Light Commercial	Aggregate	Aggregate	Diesel	2772867.299	1022817.6	8899.745867	37844251.2	2.711009	0.073
Statewide Totals	2045	Light Commercial	Aggregate	Aggregate	Diesel	5579746.701	3838686.75	10138.60935	176579590.5	1.453556	0.032
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	4021755.193	700800.3026	1753.977134	154953072.7	5.738803	0.026
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	9510268.252	2761560.76	5276.689561	638227900.4	3.443802	0.015
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	23487206.04	4988190.912	9719.587505	1058113076	4.708562	0.022
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	42317435.6	13509470.28	18891.2492	2129214912	3.132427	0.020
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	15897469.42	3990913.787	6107.20697	750742012.2	3.983416	0.021
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	873.6313645	0	142.6709095	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	1283.787623	0	992.4299987	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	49656.88774	35875.85	88.49592167	1183903.05	1.384131	0.042
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	103.7857569	0	41.94958149	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	740.1104733	0	65.7900006	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	2787.908098	0	640.3991432	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	196.7414806	0	26.20000024	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	322.0844561	0	62.76784431	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	923.4457495	0	574.0200248	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	5549.734368	0	1700.307355	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	131.0129753	0	16.49757268	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	36118.50377	13004.95	5043.514143	481183.15	2.777289	0.075
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	36553.50927	0	6482.190505	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	3552.933027	0	485.0617656	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	4129.988018	0	648.3484239	0		
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	8955979.537	3166933.238	4300.534668	392628719.2	2.827966	0.023
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	53835366.23	6740703.116	4501.072597	2730992912	7.98661	0.020
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	11997034.46	3220494.348	6508.46215	554613736.2	3.725215	0.022
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	2820871.839	1011906.205	2309.962225	130992254.8	2.787681	0.022
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	1641681.578	675406.5098	1308.808619	88858303.89	2.430657	0.018
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	7317551.404	4589712.39	12041.7153	368697585	1.594338	0.020
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	7945758.681	3794164.198	12131.12612	381266762.5	2.094205	0.021
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	4679667.013	915275.8685	1072.543167	226907089.5	5.112849	0.021
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	64641201.32	17093894.44	15722.70094	3461580499	3.781537	0.019
Statewide Totals	2046	Construction and	Aggregate	Aggregate	Diesel	42071864.22	4586315.643	8833.762917	1684004286	9.173347	0.025

Statewide Totals	2046 Construction and Aggregate	Aggregate	Diesel	7704713.774	6070018.912	15731.1997	397053984.9	1.269306	0.019
Statewide Totals	2046 Construction and Aggregate	Aggregate	Diesel	884347.2916	215298.8961	722.3943675	56671619.96	4.107533	0.016
Statewide Totals	2046 Construction and Aggregate	Aggregate	Diesel	59052421.67	31462084.08	47448.77154	3082765517	1.876939	0.019
Statewide Totals	2046 Construction and Aggregate	Aggregate	Diesel	2430256.473	1145605.865	2850.483187	90072830.46	2.121372	0.027
Statewide Totals	2046 Industrial - Aerial Aggregate	Aggregate	Diesel	3740502.561	3600300.82	10691.69228	226404022.6	1.038942	0.017
Statewide Totals	2046 Industrial - Forklif Aggregate	Aggregate	Diesel	15749025.08	16849379.91	20056.93381	1508088203	0.934695	0.010
Statewide Totals	2046 Industrial - Misc - Aggregate	Aggregate	Diesel	3138.426486	0	1463.475675	0		
Statewide Totals	2046 Industrial - Misc - Aggregate	Aggregate	Diesel	2508.83113	0	307.7816604	0		
Statewide Totals	2046 Industrial - Misc - Aggregate	Aggregate	Diesel	666.5306672	0	124.7628238	0		
Statewide Totals	2046 Industrial - Other Aggregate	Aggregate	Diesel	7606327.241	4753022.728	5106.022942	419185741.4	1.600314	0.018
Statewide Totals	2046 Industrial - Other Aggregate	Aggregate	Diesel	4459608.408	1299140.443	1535.888979	217601600.1	3.432738	0.020
Statewide Totals	2046 Light Commercial Aggregate	Aggregate	Diesel	1077739.858	973392.95	1392.588181	36015539.15	1.107199	0.030
Statewide Totals	2046 Light Commercial Aggregate	Aggregate	Diesel	5015122.63	1959582.8	17091.23027	64666232.4	2.559281	0.078
Statewide Totals	2046 Light Commercial Aggregate	Aggregate	Diesel	25368.78867	19658.9	509.7488924	747038.2	1.290448	0.034
Statewide Totals	2046 Light Commercial Aggregate	Aggregate	Diesel	2772855.142	1022817.6	8899.7362	37844251.2	2.710997	0.073
Statewide Totals	2046 Light Commercial Aggregate	Aggregate	Diesel	5579813.618	3838686.75	10138.77921	176579590.5	1.453574	0.032
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	4059345.131	707350.4376	1764.155635	156401364.8	5.738803	0.026
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	9599157.399	2787372.101	5307.310707	644193193.1	3.443802	0.015
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	23706732.74	5034813.786	9775.991223	1068002888	4.708562	0.022
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	42712961.85	13635738.57	19000.87697	2149115939	3.132427	0.020
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	16046057.5	4028215.461	6142.64769	757758934.9	3.983416	0.021
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	872.7979674	0	142.5604719	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	1283.644415	0	992.3799216	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	49657.90094	35875.85	88.70782248	1183903.05	1.38416	0.042
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	103.78812	0	41.95053705	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	740.6729286	0	65.83999746	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	2787.331832	0	640.2694029	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	196.6663791	0	26.18999899	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	321.044882	0	62.56525164	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	923.5261168	0	574.0699768	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	5553.804771	0	1701.51564	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	131.085486	0	16.50670326	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	36118.54661	13004.95	5043.528881	481183.15	2.777292	0.075
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	36591.89584	0	6488.99774	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	3552.68489	0	485.0278842	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	4140.734675	0	650.6053578	0		
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	9039687.942	3196533.454	4325.491091	396298482.4	2.827966	0.023
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	54338546.54	6803706.108	4527.192762	2756518546	7.98661	0.020
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	12109166.54	3250595.181	6546.231393	559797516.6	3.725215	0.022
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	2847237.54	1021364.138	2323.367161	132216593.6	2.787681	0.022
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	1657025.801	681719.298	1316.403763	89688831.34	2.430657	0.018
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	7385945.995	4632610.824	12111.59455	372143672.3	1.594338	0.020
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	8020024.905	3829626.922	12201.52423	384830329.4	2.094205	0.021
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	4723406.222	923830.6316	1078.76724	229027910.6	5.112849	0.021
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	65245380	17253665.08	15813.94131	3493934680	3.781537	0.019
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	42465095.21	4629182.33	8885.026108	1699744085	9.173347	0.025
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	7776727.036	6126753.253	15822.48939	400765109.4	1.269306	0.019
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	892612.9761	217311.2194	726.5864927	57201309.75	4.107533	0.016
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	59604363.98	31756149.16	47724.1214	3111579047	1.876939	0.019
Statewide Totals	2047 Construction and Aggregate	Aggregate	Diesel	2452971.23	1156313.442	2867.02482	90914709.67	2.121372	0.027
Statewide Totals	2047 Industrial - Aerial Aggregate	Aggregate	Diesel	3775463.729	3633951.571	10753.73721	228520141.8	1.038942	0.017
Statewide Totals	2047 Industrial - Forklif Aggregate	Aggregate	Diesel	15896225.7	17006865.17	20173.32616	1522183775	0.934695	0.010
Statewide Totals	2047 Industrial - Misc - Aggregate	Aggregate	Diesel	3140.86439	0	1464.613401	0		
Statewide Totals	2047 Industrial - Misc - Aggregate	Aggregate	Diesel	2512.427479	0	308.175973	0		
Statewide Totals	2047 Industrial - Misc - Aggregate	Aggregate	Diesel	673.4029406	0	126.0948946	0		
Statewide Totals	2047 Industrial - Other Aggregate	Aggregate	Diesel	7677420.918	4797447.567	5135.653692	423103723.8	1.600314	0.018
Statewide Totals	2047 Industrial - Other Aggregate	Aggregate	Diesel	4501290.806	1311283.054	1544.801893	219635446.1	3.432738	0.020
Statewide Totals	2047 Light Commercial Aggregate	Aggregate	Diesel	1077861.222	973392.95	1392.83816	36015539.15	1.107324	0.030
Statewide Totals	2047 Light Commercial Aggregate	Aggregate	Diesel	5015143.756	1959582.8	17091.33021	64666232.4	2.559292	0.078
Statewide Totals	2047 Light Commercial Aggregate	Aggregate	Diesel	25372.30709	19658.9	509.8089677	747038.2	1.290627	0.034
Statewide Totals	2047 Light Commercial Aggregate	Aggregate	Diesel	2772799.483	1022817.6	8899.516317	37844251.2	2.710942	0.073
Statewide Totals	2047 Light Commercial Aggregate	Aggregate	Diesel	5579770.723	3838686.75	10138.58904	176579590.5	1.453562	0.032
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	4096935.068	713900.5727	1774.289897	157849656.9	5.738803	0.026
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	9688046.546	2813183.442	5337.798763	650158485.8	3.443802	0.015
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	23926259.43	5081436.66	9832.149791	1077892701	4.708562	0.022
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	43108488.1	13762006.86	19110.02826	2169016965	3.132427	0.020
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	16194645.58	4065517.134	6177.934373	764775857.6	3.983416	0.021
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	872.3005042	0	142.4770789	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	1283.596762	0	992.2799542	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	49658.7609	35875.85	88.88767104	1183903.05	1.384184	0.042
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	103.9344771	0	42.00969338	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	739.9979467	0	65.77999729	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	2787.721755	0	640.3596543	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	196.7414705	0	26.19999892	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	320.0251443	0	62.36652517	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	923.5421509	0	574.0799539	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	5556.837863	0	1702.512991	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	130.9203426	0	16.48590799	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	36118.49593	13004.95	5043.511295	481183.15	2.777288	0.075
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	36631.32878	0	6495.990506	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	3550.449153	0	484.7226506	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	4152.089116	0	652.8017144	0		
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	9123396.346	3226133.67	4350.339046	399968245.6	2.827966	0.023
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	54841726.86	6866709.1	4553.1994	2782044181	7.98661	0.020
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	12221298.62	3280696.014	6583.836478	564981297	3.725215	0.022
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	2873603.242	1030822.071	2336.713836	133440932.3	2.787681	0.022
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	1672370.024	688032.0861	1323.965897	90519358.79	2.430657	0.018
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	7454340.586	4675509.259	12181.17009	375589759.5	1.594338	0.020
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	8094291.129	3865089.646	12271.61637	388393896.4	2.094205	0.021
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	4767145.431	932385.3947	1084.964261	231148731.7	5.112849	0.021
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	65849558.67	17413435.73	15904.78512	3526288861	3.781537	0.019
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	42858326.19	4672049.016	8936.066492	1715483883	9.173347	0.025
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	7848740.298	6183487.595	15913.3823	404476234	1.269306	0.019
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	900878.6606	219323.5428	730.7603976	57730999.54	4.107533	0.016
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	60156306.29	32050214.25	47998.27451	3140392577	1.876939	0.019
Statewide Totals	2048 Construction and Aggregate	Aggregate	Diesel	2475685.986	1167021.019	2883.494557	91756588.87	2.121372	0.027
Statewide Totals	2048 Industrial - Aerial Aggregate	Aggregate	Diesel	3810424.896	3667602.323	10815.51248	230636260.9	1.038942	0.017
Statewide Totals	2048 Industrial - Forklif Aggregate	Aggregate	Diesel	16043426.32	17164350.42	20289.21263	1536279348	0.934695	0.010
Statewide Totals	2048 Industrial - Misc - Aggregate	Aggregate	Diesel	3143.733396	0	1465.95225	0		
Statewide Totals	2048 Industrial - Misc - Aggregate	Aggregate	Diesel	2514.237948	0	308.3517948	0		
Statewide Totals	2048 Industrial - Misc - Aggregate	Aggregate	Diesel	678.0252427	0	126.9569486	0		
Statewide Totals	2048 Industrial - Other Aggregate	Aggregate	Diesel	7748514.596	4841872.407	5165.155658	427021706.1	1.600314	0.018
Statewide Totals	2048 Industrial - Other Aggregate	Aggregate	Diesel	4542973.205	1323425.665	1553.676069	221669292	3.432738	0.020
Statewide Totals	2048 Light Commercial Aggregate	Aggregate	Diesel	1077774.158	973392.95	1392.638252	36015539.15	1.107234	0.030
Statewide Totals	2048 Light Commercial Aggregate	Aggregate	Diesel	5015197.047	1959582.8	17091.5299	64666232.4	2.559319	0.078
Statewide Totals	2048 Light Commercial Aggregate	Aggregate	Diesel	25380.9417	19658.9	510.0388262	747038.2	1.291066	0.034
Statewide Totals	2048 Light Commercial Aggregate	Aggregate	Diesel	2772817.973	1022817.6	8899.686235	37844251.2	2.71096	0.073
Statewide Totals	2048 Light Commercial Aggregate	Aggregate	Diesel	5579802.734	3838686.75	10138.75921	176579590.5	1.453571	0.032
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	4134525.006	720450.7077	1784.380491	159297949	5.738803	0.026
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	9776935.694	2838994.784	5368.15545	656123778.5	3.443802	0.015
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	24145786.12	5128059.534	9888.066379	1087782513	4.708562	0.022
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	43504014.36	13888275.15	19218.70923	2188917991	3.132427	0.020
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	16343233.66	4102818.808	6213.069009	771792780.3	3.983416	0.021
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	872.3019883	0	142.487263	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	1283.502924	0	992.2598649	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	49659.60152	35875.85	89.06347742	1183903.05	1.384207	0.042
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	103.9074108	0	41.99875316	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	740.3354084	0	65.80999514	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	2787.590552	0	640.3287917	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	196.2909115	0	26.13999807	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	319.171463	0	62.20015989	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	923.5100175	0	574.0599777	0		
Statewide Totals	2049 Construction and Aggregate	Aggregate	Diesel	5559.849121	0	1703.552425	0		

Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	131.2992048	0	16.53361567	0	
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	36118.56202	13004.95	5043.534244	481183.15	2.777293	0.075
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	36671.51062	0	6503.11616	0	
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	3552.024809	0	484.9377669	0	
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	4167.579706	0	655.2667251	0	
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	9207104.751	3255733.886	4375.079934	403638008.7	2.827966	0.023
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	55344907.18	6929712.092	4579.093979	2807569815	7.98661	0.020
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	12333430.7	3310796.847	6621.279528	570165077.4	3.725215	0.022
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	2899968.943	1040280.004	2350.003001	134665271	2.787681	0.022
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	1687714.247	694344.8743	1331.495446	91349886.25	2.430657	0.018
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	7522735.177	4718407.694	12250.44583	379035846.7	1.594338	0.020
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	8168557.354	3900552.37	12341.40649	391957463.3	2.094205	0.021
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	4810884.64	940940.1577	1091.13458	233269552.8	5.112849	0.021
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	66453737.35	17573206.37	15995.2375	3558643042	3.781537	0.019
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	43251557.17	4714915.703	8986.886949	1731223682	9.173347	0.025
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	7920753.559	6240221.936	16003.88357	408187358.6	1.269306	0.019
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	909144.3451	221335.8662	734.9163175	58260689.33	4.107533	0.016
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	60708248.59	32344279.33	48271.24632	3169206107	1.876939	0.019
Statewide Totals	2049	Construction and	Aggregate	Aggregate	Diesel	2498400.742	1177728.596	2899.893328	92598468.08	2.121372	0.027
Statewide Totals	2049	Industrial - Aerial	Aggregate	Aggregate	Diesel	3845386.064	3701253.074	10877.02157	232752380	1.038942	0.017
Statewide Totals	2049	Industrial - Forklif	Aggregate	Aggregate	Diesel	16190626.95	17321835.68	20404.59976	1550374920	0.934695	0.010
Statewide Totals	2049	Industrial - Misc -	Aggregate	Aggregate	Diesel	3146.266872	0	1467.134405	0	
Statewide Totals	2049	Industrial - Misc -	Aggregate	Aggregate	Diesel	2514.110873	0	308.3223726	0	
Statewide Totals	2049	Industrial - Misc -	Aggregate	Aggregate	Diesel	679.9879812	0	127.2685986	0	
Statewide Totals	2049	Industrial - Other	Aggregate	Aggregate	Diesel	7819608.273	4886297.246	5194.530503	430939688.5	1.600314	0.018
Statewide Totals	2049	Industrial - Other	Aggregate	Aggregate	Diesel	4584655.603	1335568.276	1562.512007	223703138	3.432738	0.020
Statewide Totals	2049	Light Commercial	Aggregate	Aggregate	Diesel	1077774.061	973392.95	1392.588214	36015539.15	1.107234	0.030
Statewide Totals	2049	Light Commercial	Aggregate	Aggregate	Diesel	5015179.119	1959582.8	17091.50064	64666232.4	2.55931	0.078
Statewide Totals	2049	Light Commercial	Aggregate	Aggregate	Diesel	25380.3056	19658.9	510.0188538	747038.2	1.291034	0.034
Statewide Totals	2049	Light Commercial	Aggregate	Aggregate	Diesel	2772852.141	1022817.6	8899.746232	37844251.2	2.710994	0.073
Statewide Totals	2049	Light Commercial	Aggregate	Aggregate	Diesel	5579747.231	3838686.75	10138.53927	176579590.5	1.453556	0.032
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	4172114.943	727000.8428	1794.427978	160746241.1	5.738803	0.026
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	9865824.841	2864806.125	5398.382451	662089071.2	3.443802	0.015
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	24365312.81	5174682.407	9943.744087	1097672326	4.708562	0.022
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	43899540.61	14014543.44	19326.92591	2208819017	3.132427	0.020
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	16491821.74	4140120.482	6248.053548	778809703.1	3.983416	0.021
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	872.9009039	0	142.5926879	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	1283.437395	0	992.239972	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	49660.32582	35875.85	89.21495828	1183903.05	1.384227	0.042
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	103.8021843	0	41.9562218	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	740.222936	0	65.7999976	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	2787.77822	0	640.3716679	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	196.5912869	0	26.17999905	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	317.8218063	0	61.93713838	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	923.4296083	0	574.0099866	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	5564.124636	0	1704.961045	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	131.5801705	0	16.56899568	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	36118.4496	13004.95	5043.495234	481183.15	2.777285	0.075
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	36708.43051	0	6509.663381	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	3552.613515	0	485.0181352	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	4182.28522	0	657.8178479	0	
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	9290813.156	3285334.102	4399.715127	407307771.9	2.827966	0.023
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	55848087.5	6992715.084	4604.877934	2833095450	7.98661	0.020
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	12445562.78	3340897.68	6658.562618	575348857.8	3.725215	0.022
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	2926334.644	1049737.937	2363.235394	135889609.8	2.787681	0.022
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	1703058.469	700657.6624	1338.992828	92180413.7	2.430657	0.018
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	7591129.767	4761306.128	12319.42562	382481933.9	1.594338	0.020
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	8242823.578	3936015.095	12410.89846	395521030.2	2.094205	0.021
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	4854623.849	949494.9208	1097.278539	235390373.9	5.112849	0.021
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	67057916.02	17732977.02	16085.30346	3590997223	3.781537	0.019
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	43644788.16	4757782.389	9037.490297	1746963480	9.173347	0.025
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	7992766.821	6296956.277	16093.99822	411898483.1	1.269306	0.019
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	917410.0296	223348.1896	739.0544832	58790379.12	4.107533	0.016
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	61260190.9	32638344.41	48543.05197	3198019636	1.876939	0.019
Statewide Totals	2050	Construction and	Aggregate	Aggregate	Diesel	2521115.499	1188436.172	2916.222043	93440347.29	2.121372	0.027
Statewide Totals	2050	Industrial - Aerial	Aggregate	Aggregate	Diesel	3880347.232	3734903.825	10938.26788	234868499.1	1.038942	0.017
Statewide Totals	2050	Industrial - Forklif	Aggregate	Aggregate	Diesel	16337827.57	17479320.93	20519.49394	1564470492	0.934695	0.010
Statewide Totals	2050	Industrial - Misc -	Aggregate	Aggregate	Diesel	3147.704747	0	1467.805361	0	
Statewide Totals	2050	Industrial - Misc -	Aggregate	Aggregate	Diesel	2514.338953	0	308.3601002	0	
Statewide Totals	2050	Industrial - Misc -	Aggregate	Aggregate	Diesel	680.7273065	0	127.3758396	0	
Statewide Totals	2050	Industrial - Other	Aggregate	Aggregate	Diesel	7890701.95	4930722.085	5223.779858	434857670.8	1.600314	0.018
Statewide Totals	2050	Industrial - Other	Aggregate	Aggregate	Diesel	4626338.001	1347710.887	1571.310197	225736984	3.432738	0.020
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	1077779.267	973392.95	1392.558199	36015539.15	1.10724	0.030
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	5015184.375	1959582.8	17091.4405	64666232.4	2.559312	0.078
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	25373.63089	19658.9	509.8688494	747038.2	1.290694	0.034
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	2772821.921	1022817.6	8899.586239	37844251.2	2.710964	0.073
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	5579783.904	3838686.75	10138.7193	176579590.5	1.453566	0.032

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Cor	NOx_RUNE	NOx_IDLEX	NOx_STRE	NOx_TOTE	PM2.5_RU	PM2.5_IDL	PM2.5_STF	PM2.5_TO	PM2.5_PM	PM2.5_PM	PM2.5_TO	PM10_RUN	PM10_IDLE
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Gasoline	7275.921	471942.6917	471942.7	0	145576.6	0	9.859154	0	0.073892	9.933046	0.005943	0	0.001672	0.007615	0.002601	0.02077	0.030986	0.006325	0
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Diesel	178113	34780709.82	34780710	0	2615210	0	816.6459	38.56693	0	855.2129	26.62526	0.938802	0	27.56407	0.340096	1.393424	29.29759	27.82914	0.981251
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Natural Ga	22.94925	2260.787679	2260.788	0	105.5666	0	0.081074	0.000255	0	0.081329	9.35E-05	1.06E-08	0	9.35E-05	2.24E-05	0.000183	0.000299	0.000102	1.15E-08
Statewide Totals	2000	LDA	Aggregate	Aggregate	Gasoline	12975810	471611911.4	4.72E+08	0	60588685	0	400.1413	0	74.56572	474.707	5.654088	0	0.94745	6.601538	1.039727	1.408631	9.049897	6.131405	0
Statewide Totals	2000	LDA	Aggregate	Aggregate	Diesel	105932.6	2646169.423	2646169	0	444172.4	0	4.861548	0	0	4.861548	0.823609	0	0	0.823609	0.005834	0.008233	0.837676	0.860849	0
Statewide Totals	2000	LDA	Aggregate	Aggregate	Electricity	1057.529	28851.5002	0	28851.5	5012.231	11139.06	0	0	0	0	0	0	0	0	6.36E-05	4.87E-05	0.000112	0	0
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Gasoline	2319619	78517211.39	78517211	0	10534754	0	112.8446	0	16.14865	128.9933	1.189806	0	0.197168	1.386974	0.173101	0.277603	1.837678	1.283636	0
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Diesel	7655.172	204196.6135	204196.6	0	32394.38	0	0.360503	0	0	0.360503	0.057192	0	0	0.057192	0.00045	0.000793	0.058434	0.059777	0
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Electricity	481.9065	13223.03199	0	13223.03	2288.093	5105.182	0	0	0	0	0	0	0	0	2.92E-05	2.23E-05	5.15E-05	0	0
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Gasoline	3662790	139664976.6	1.4E+08	0	17446453	0	196.0028	0	38.57349	234.5763	1.468043	0	0.220776	1.688819	0.307909	0.479863	2.476591	1.590228	0
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Diesel	536.8302	14153.84058	14153.84	0	2256.528	0	0.025962	0	0	0.025962	0.004236	0	0	0.004236	3.12E-05	5.63E-05	0.004324	0.004428	0
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Gasoline	455853.5	18224522.24	18224522	0	6791538	0	33.37482	0.019849	2.672297	36.06697	0.157139	0	0.016619	0.173758	0.040178	0.548432	0.762369	0.170371	0
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Diesel	156454.2	6667507.011	6667507	0	1967997	0	57.69718	0.447726	0	58.14491	0.538792	0.010164	0	0.548956	0.022049	0.200646	0.771651	0.563154	0.010624
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Gasoline	64264.62	2461595.474	2461595	0	957447.1	0	4.646945	0.002796	0.375582	5.025323	0.02245	0	0.002589	0.025038	0.005427	0.086423	0.116888	0.024292	0
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Diesel	45991.92	1895768.951	1895769	0	578520.5	0	16.73296	0.131615	0	16.86458	0.151209	0.002737	0	0.153947	0.006269	0.066558	0.226774	0.158046	0.002861
Statewide Totals	2000	MCY	Aggregate	Aggregate	Gasoline	312832.7	1787569.248	1787569	0	625665.4	0	2.540545	0	0.220489	2.761034	0.020349	0	0.011909	0.032258	0.00197	0.008276	0.042505	0.021355	0
Statewide Totals	2000	MDV	Aggregate	Aggregate	Gasoline	1845956	71542759.12	71542759	0	8879033	0	103.7947	0	16.41468	120.2094	0.691513	0	0.129746	0.821259	0.157725	0.241207	1.220191	0.748147	0
Statewide Totals	2000	MDV	Aggregate	Aggregate	Diesel	10715.36	266653.4476	266653.4	0	44876.72	0	0.492851	0	0	0.492851	0.083125	0	0	0.083125	0.000588	0.001054	0.084767	0.086883	0
Statewide Totals	2000	MH	Aggregate	Aggregate	Gasoline	249175.9	2102255.942	2102256	0	24927.56	0	7.585046	0	0.010593	7.595639	0.025119	0	0.000118	0.025237	0.006952	0.035869	0.068058	0.026897	0
Statewide Totals	2000	MH	Aggregate	Aggregate	Diesel	11010.34	129992.5407	129992.5	0	1101.034	0	1.647796	0	0	1.647796	0.037952	0	0	0.037952	0.000573	0.00221	0.040736	0.039668	0
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Gasoline	85582.36	3476501.835	3476502	0	1712332	0	15.23531	0.007604	0.992724	16.23564	0.043866	0	0.013464	0.05733	0.011497	0.059344	0.128171	0.047013	0
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Diesel	168694.8	10002588.56	10002589	0	2030696	0	141.9593	6.415234	0	148.3746	5.360118	0.217347	0	5.577465	0.033078	0.171056	5.781598	5.602479	0.227174
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Gasoline	8661.918	445070.8638	445070.9	0	173307.7	0	2.035105	0.000575	0.105128	2.140808	0.003295	0	0.000741	0.004036	0.001472	0.007612	0.01312	0.003551	0
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Diesel	7325.669	652076.7269	652076.7	0	101407.5	0	11.74947	0.524799	0	12.27427	0.523672	0.014974	0	0.538647	0.002156	0.017029	0.557832	0.54735	0.015651
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Gasoline	4474.215	224020.1594	224020.2	0	17896.86	0	0.773454	0.004081	0.009411	0.786947	0.004944	0	0.000209	0.005154	0.000494	0.003936	0.009583	0.005239	0
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Diesel	16459.3	464026.3018	464026.3	0	238330.6	0	6.847146	0.567929	0	7.415076	0.314608	0.022302	0	0.33691	0.001535	0.008163	0.346608	0.328833	0.023311
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Gasoline	562.0349	39387.95871	39387.96	0	2248.14	0	0.106139	0	0.002292	0.108432	0.000152	0	3.69E-06	0.000156	0.000114	0.001566	0.001836	0.000166	0
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Diesel	7610.327	874779.8905	874779.9	0	30441.31	0	19.31178	0	0	19.31178	0.126453	0	0	0.126453	0.007627	0.036913	0.170993	0.132171	0
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Electricity	25.02486	767.2591082	0	767.2591	100.0994	1563.274	0	0	0	0	0	0	0	0	9.9E-07	6.36E-06	7.35E-06	0	0
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Natural Ga	1861.631	199171.5111	199171.5	0	7414.524	0	3.000618	0	0	3.000618	0.004221	0	0	0.004221	0.001801	0.008442	0.014464	0.004412	0
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Gasoline	6623.876	407826.2019	407826.2	0	132530.5	0	7.996926	0	0.057571	8.054497	0.004852	0	0.001524	0.006376	0.002248	0.017942	0.026566	0.005162	0
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Diesel	180027.9	34720083.44	34720083	0	2597929	0	825.4117	37.64796	0	863.0596	23.75908	0.843311	0	24.60239	0.339499	1.390899	26.33278	24.83336	0.881442
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Natural Ga	44.68943	4316.772844	4316.773	0	205.5714	0	0.158572	0.000497	0	0.159069	0.00019	2.06E-08	0	0.00019	4.28E-05	0.00035	0.000582	0.000206	2.24E-08
Statewide Totals	2001	LDA	Aggregate	Aggregate	Gasoline	13308544	470242123.6	4.7E+08	0	62270350	0	361.7806	0	73.10608	434.8867	4.951452	0	0.870093	5.821544	1.036707	1.402176	8.260427	5.369953	0
Statewide Totals	2001	LDA	Aggregate	Aggregate	Diesel	98459	2309416.956	2309417	0	409225.5	0	4.229092	0	0	4.229092	0.693368	0	0	0.693368	0.005091	0.007186	0.705645	0.72472	0
Statewide Totals	2001	LDA	Aggregate	Aggregate	Electricity	1206.082	32532.3617	0	32532.36	5766.173	12560.18	0	0	0	0	0	0	0	0	7.17E-05	5.49E-05	0.000127	0	0
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Gasoline	2278708	74688562.89	74688563	0	10357793	0	97.5069	0	15.03846	112.5454	1.020137	0	0.177506	1.197643	0.16466	0.26363	1.625934	1.10073	0
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Diesel	6959.048	174638.8634	174638.9	0	29126.52	0	0.308829	0	0	0.308829	0.048262	0	0	0.048262	0.000385	0.000681	0.049328	0.050444	0
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Electricity	517.901	13678.34947	0	13678.35	2458.132	5280.972	0	0	0	0	0	0	0	0	3.02E-05	2.31E-05	5.33E-05	0	0
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Gasoline	3920021	144945820.5	1.45E+08	0	18709138	0	183.3265	0	39.43015	222.7566	1.328607	0	0.21092	1.539527	0.319551	0.496985	2.356063	1.439561	0
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Diesel	512.1679	13351.03581	13351.04	0	2157.592	0	0.024446	0	0	0.024446	0.003625	0	0	0.003625	2.94E-05	5.24E-05	0.003707	0.003789	0
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Gasoline	492415.3	19024878.56	19024879	0	7336255	0	31.34914	0.021599	3.000658	34.3714	0.148448	0	0.016464	0.164912	0.041943	0.572518	0.779372	0.160997	0
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Diesel	178121.2	7496566.727	7496567	0	2240540	0	66.54267	0.50973	0	67.0524	0.541379	0.010452	0	0.551831	0.024791	0.225595	0.802216	0.565857	0.010925
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Gasoline	66390.19	2445772.607	2445773	0	989114.9	0	4.171891	0.002909	0.407301	4.582101	0.020371	0	0.002503	0.022874	0.005392	0.085868	0.114134	0.022042	0
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Diesel	49581.18	1981615.854	1981616	0	623668.9	0	17.85119	0.141887	0	17.99307	0.145196	0.002717	0	0.147913	0.006553	0.069572	0.224038	0.151761	0.00284
Statewide Totals	2001	MCY	Aggregate	Aggregate	Gasoline	382978.1	2460009.887	2460010	0	765956.3	0	3.485428	0	0.266751	3.75218	0.021292	0	0.012334	0.033625	0.002712	0.011389	0.047726	0.022366	0
Statewide Totals	2001	MDV	Aggregate	Aggregate	Gasoline	2175319	82297944	82297944	0	10505898	0	101.458	0	19.43136	120.8894	0.677095	0	0.132875	0.80997	0.181436	0.275727	1.267133	0.732847	0
Statewide Totals	2001	MDV	Aggregate	Aggregate	Diesel	9878.163	229909.0394	229909	0	40893.13	0	0.423727	0	0	0.423727	0.070614	0	0	0.070614	0.000507	0.000914	0.072035	0.073807	0
Statewide Totals	2001	MH	Aggregate	Aggregate	Gasoline	241621	1967862.72	1967863	0	24171.77	0	6.583919	0	0.010304	6.594223	0.022016	0	0.000109	0.022125	0.006508	0.033578	0.062211	0.023578	0
Statewide Totals	2001	MH	Aggregate	Aggregate	Diesel	12779.6	147756.8105	147756.8	0	1277.96	0	1.86144	0	0	1.86144	0.039974	0	0	0.039974	0.000651	0.002512	0.043138	0.041782	0
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Gasoline	81793.5	3226149.955	3226150	0	1636524	0	13.5007	0.007304	0.959661	14.46767	0.036849	0	0.012255	0.049105	0.010669	0.055049	0.114822	0.039511	0
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Diesel	183194.1	9985419.064	9985419	0	2209555	0	141.2828	7.162695	0	148.4455	5.025018	0.218039	0	5.243057	0.033021	0.170763	5.446841	5.252227	0.227897
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Gasoline	9376.588	485546.7757	485546.8	0	187606.8	0	1.970934	0.000631	0.108137	2.079701	0.00296	0	0.000694	0.003654	0.001606	0.008304	0.013564	0.003193	0
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Diesel	8139.148	650961.4923	650961.5	0	114338.5	0	11.7338	0.610437	0	12.34424	0.497033	0.01664	0	0.513673	0.002153	0.016999	0.532825	0.519507	0.017392
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Gasoline	4257.865	205602.6824	205602.7	0	17031.46	0	0.736078	0.003891	0.009312	0.749281	0.004325	0	0.000188	0.004513	0.000453	0.003612	0.008579	0.004587	0
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Diesel	16459.22	463206.035	463206	0	238329.4	0	6.808995	0.584513	0	7.393508	0.299967	0.020979	0	0.320946	0.001532	0.008149	0.330626	0.31353	0.021928
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Gasoline	493.3062	38065.7571	38065.76	0	1973.225	0	0.090135	0	0.002057	0.092191	0.000143	0	3.19E-06	0.000147	0.00011	0.001507	0.001763	0.000156	0
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Diesel	7829.577	834169.8664	834169.9	0	31318.31	0	18.32162	0	0	18.32162	0.11717	0	0	0.11717	0.007236	0.035202	0.159608	0.122468	0
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Electricity	34.31405	986.8338354	0	986.8338	137.2562	2007.697	0	0	0	0	0	0	0	0	1.25E-06	7.99E-06	9.24E-06	0	0
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Natural Ga	2425.005	264093.7951	264093.8	0	9700.02	0	4.042873	0	0	4.042873	0.005598	0	0	0.005598	0.002404	0.011196	0.019198	0.005851	0
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Gasoline	5817.393	382891.1421	382891.1	0	116394.4	0	6.691537	0	0.044552	6.736089	0.004099	0	0.001321	0.00542	0.00211	0.016884	0.024415	0.004359	0
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Diesel	174735.4	35500867.13	35500867	0	2547079	0	842.3105	39.54908	0	881.8595	23.20254	0.796912	0	23.99945	0.347132	1.421658	25.76824	24.25165	0.832945
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Natural Ga	184.8037	17254.8382	17254.84	0	850.0972	0	0.646651	0.002056	0	0.648708	0.000801	8.5E-08	0	0.000801	0.000171	0.001398	0.00237	0.000871	9.25E-08
Statewide Totals	2002	LDA	Aggregate	Aggregate	Gasoline	13337654	489768886.2	4.9E+08	0	62474621	0	344.4293	0	70.57658	415.0058	4.575568	0	0.786575	5.362142	1.079756	1.458797	7.900695	4.962699	0
Statewide Totals	2002	LDA	Aggregate	Aggregate	Diesel	91859.46	2213249.294	2213249	0	380198.5	0	4.050015	0	0	4.050015	0.621911	0	0	0.621911	0.004879	0.006859	0.633649	0.650031	0
Statewide Totals	2002	LDA	Aggregate	Aggregate	Electricity	4877.048	159630.9694	0	159631	24685.49	61630.73	0	0	0	0	0	0	0	0	0.000352	0.000268	0.00062	0	0
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Gasoline	2148790	73247238.67	73247239	0	9780555	0	86.10996	0	13.43521	99.54516	0.898942	0	0.153084	1.052026	0.161483	0.258148	1.471656	0.97001	0
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Diesel	6305.647	163327.9703	163328	0	26274.88	0	0.290334	0	0	0.290334	0.042684	0	0	0.042684	0.00036	0.000634	0.043678	0.044614	0
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Electricity	1147.096	34539.9203	0	34539.92	5644.104	13335.26	0	0	0	0	0	0	0	0	7.61E-05	5.83E-05	0.000134	0	0
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Gasoline	3918886	149373101.5	1.49E+08	0	18684596	0	175.601	0	38.11815	213.7191	1.231894	0	0.192798	1.424692	0.329312	0.513219	2.267222	1.335023	0
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Diesel	451.8937	11878.69356	11878.69	0	1885.584	0	0.021761	0	0	0.021761	0.003124	0	0	0.003124	2.62E-05	4.68E-05	0.003197	0.003265	0
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Gasoline	522118.7	21004483.39	21004483	0	7778791	0	30.50753	0.02308	3.305576	33.83619	0.147196	0	0.01592	0.163115	0.046307	0.63209	0.841512	0.15968	0
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Diesel	200223.6	8870250.046	8870250	0	2518560	0	76.80202	0.57298	0	77.375	0.597638	0.010655	0	0.608293	0.029333	0.266933	0.904559	0.624661	0.011136
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Gasoline	65154.99	2546235.315	2546235	0	970712.3	0	3.593662	0.002887	0.423389	4.019939	0.017745	0	0.002054	0.019799	0.005613	0.089395	0.114807	0.019221	0
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Diesel	52321.03	2177788.844	2177789	0	658132.8	0	19.40592	0.149727	0	19.55565	0.148762	0.00261	0	0.151373	0.007202	0.076459	0.235034	0.155489	0.002728
Statewide Totals	2002	MCY	Aggregate	Aggregate	Gasoline	416160.3	2841545.875	2841546	0	832320.6	0	4.022184	0	0.288019	4.310203	0.021928	0	0.01228	0.034209	0.003132	0.013156	0.050496	0.023047	0
Statewide Totals	2002	MDV	Aggregate	Aggregate	Gasoline	2503500	99070972.16	99070972	0	12135511	0	104.0692	0	22.50571	126.5749	0.701861	0	0.134047	0.835908	0.218414	0.329773	1.384095	0.759989	0
Statewide Totals	2002	MDV	Aggregate	Aggregate	Diesel	9664.431	235730.7362	235730.7	0	39962.05	0	0.434675	0	0	0.434675	0.066684	0	0	0.066684	0.00052	0.000921	0.068126	0.0697	0
Statewide Totals	2002	MH	Aggregate	Aggregate	Gasoline	227051.5	1913801.01	1913801	0	22714.24	0	5.945795	0	0.009671	5.955466	0.019916	0	9.55E-05	0.020012	0.006329	0.032653	0.058994	0.021339	0
Statewide Totals	2002	MH	Aggregate	Aggregate	Diesel	14200.71	172641.0465	172641	0	1420.071	0	2.164174	0	0	2.164174	0.043367	0	0	0.043367	0.000761	0.002935	0.047063	0.045327	0
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Gasoline	76122.42	3188783.738	3188784	0	1523057	0	12.55231	0.006842	0.906563	13.46572	0.032	0	0.010671	0.042671	0.010545	0.054397	0.107614	0.034327	0
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Diesel	176957.7	10213233.84	10213234	0	2108494	0	143.956	7.158377	0	151.1144	4.857484	0.198867	0	5.056351	0.033774	0.174658	5.264784	5.077118	0.207859
Statewide Totals	2002	OBUS	Aggregate	Aggregate	Gasoline	10751.77	613600.9181	613600.9	0	215121.4	0	2.172108	0.000733	0.11808	2.290922	0.002955	0	0.000629	0.003584	0.002029	0.010487	0.0161	0.003192	0
Statewide Totals	2002	OBUS	Aggregate	Aggregate	Diesel	9859.364	665936.5287	665936.5	0	123915.5	0	11.83558	0.564581	0	12.40016	0.437301	0.014828	0	0.452128	0.002202	0.017389	0.47172	0.457073	0.015498
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Gasoline	4120.084	203794.9247	203794.9	0	16480.34	0	0.754312	0.003789	0.00919	0.767292	0.003893	0	0.000163	0.004056	0.000449	0.003583	0.008088	0.004135	0
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Diesel	16459.23	473799.0797	473799.1	0	238329.7	0	6.941696	0.5988	0	7.540496	0.293805	0.019299	0	0.313104	0.001567	0.008335	0.323006	0.30709	0.020171
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Gasoline	603.2843	55234.29009	55234.29	0	2413.137	0	0.102049	0	0.002576	0.104625	0.000175	0	3.71E-06	0.000179	0.000164	0.002217	0.002559	0.00019	0
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Diesel	7222.408	815977.5913	815977.6	0	28889.63	0	17.95269	0	0	17.95269	0.114108	0	0	0.114108	0.007089	0.034423	0.15562	0.119267	0
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Electricity	36.34456	1210.080964	0	1210.081	145.3782	2444.231	0	0	0	0	0	0	0	0	1.37E-06	8.79E-06	1.02E-05	0	0
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Natural Ga	2980.783	368294.6983	368294.7	0	11923.13	0	5.779232	0	0	5.779232	0.007908	0	0	0.007908	0.003446	0.015617	0.026971	0.008266	0
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Gasoline	5777.528	363697.3589	363697.4	0	115596.8	0	5.947756	0	0.043974	5.99173	0.0037	0	0.001314	0.005014	0.002005	0.016029	0.023048	0.003933	0
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Diesel	197939.1	34527309.84	34527310	0	2825932	0	795.851	42.86918	0	838.7202	22.02822	0.81229	0	22.84051	0.33761	1.382531	24.56065	23.02424	0.849018
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Natural Ga	249.5935	20580.75208	20580.75	0	1148.13	0	0.718359	0.002777	0	0.721136	0.001145	1.15E-07	0	0.001145	0.000204	0.001667	0.003017	0.001245	1.25E-07
Statewide Totals	2003	LDA	Aggregate	Aggregate	Gasoline	13289987	475681261.1	4.76E+08	0	62230479	0	308.5092	0	67.77203	376.2812	3.995369	0	0.717325	4.712694	1.048698	1.416642	7.178034	4.333443	0
Statewide Totals	2003	LDA	Aggregate	Aggregate	Diesel	87016.24	2046950.79	2046951	0	359391.1	0	3.748943	0	0	3.748943	0.531416	0	0	0.531416	0.004513	0.006307	0.542236	0.555444	0
Statewide Totals	2003	LDA	Aggregate	Aggregate	Electricity	11625.39	372979.3147	0	372979.3	59050.27	144000.8	0	0	0	0	0	0	0	0	0.000822	0.000627	0.001449	0	0
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Gasoline	2113483	69150105.48	69150105	0	9563720	0	78.36982	0	12.81988	91.1897	0.808757	0	0.14296	0.951717	0.15245	0.245993	1.350161	0.87275	0
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Diesel	6105.64	151046.6433	151046.6	0	25181.53	0	0.268563	0	0	0.268563	0.038654	0	0	0.038654	0.000333	0.00059	0.039576	0.040401	0
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Electricity	1431.451	41386.72915	0	41386.73	7007.687	15978.69	0	0	0	0	0	0	0	0	9.12E-05	6.99E-05	0.000161	0	0
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Gasoline	4205849	156093679.6	1.56E+08	0	20045006	0	168.1114	0	39.63887	207.7503	1.156706	0	0.189993	1.346699	0.344128	0.536669	2.227496	1.253653	0
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Diesel	454.4636	11407.07603	11407.08	0	1876.335	0	0.020841	0	0	0.020841	0.002964	0	0	0.002964	2.51E-05	4.53E-05	0.003035	0.003098	0
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Gasoline	578816.3	22781594.54	22781595	0	8623500	0	29.24376	0.025755	3.803179	33.0727	0.145099	0	0.016343	0.161441	0.050225	0.685569	0.897235	0.15743	0
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Diesel	239706	10498692	10498692	0	3015199	0	89.2198	0.685967	0	89.90577	0.664131	0.011606	0	0.675737	0.034718	0.315938	1.026394	0.69416	0.012131

Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Gasoline	68228.9	2579277.939	2579278	0	1016509	0	3.310783	0.003041	0.465494	3.779318	0.016295	0	0.001934	0.018229	0.005686	0.090555	0.11447	0.017662	0
Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Diesel	58854.67	2383111.297	2383111	0	740317.7	0	20.95253	0.168425	0	21.12095	0.156205	0.002734	0	0.158939	0.007881	0.083668	0.250488	0.163268	0.002858
Statewide Totals	2003	MCY	Aggregate	Aggregate	Gasoline	450619	3061168.678	3061169	0	901238	0	4.328436	0	0.310042	4.638478	0.021328	0	0.012193	0.033522	0.003374	0.014172	0.051068	0.022428	0
Statewide Totals	2003	MDV	Aggregate	Aggregate	Gasoline	2891783	111625662.2	1.12E+08	0	14024281	0	105.5331	0	25.97159	131.5047	0.702812	0	0.138742	0.841554	0.246093	0.371769	1.459415	0.761376	0
Statewide Totals	2003	MDV	Aggregate	Aggregate	Diesel	8920.203	205636.0276	205636	0	36433.82	0	0.378133	0	0	0.378133	0.057576	0	0	0.057576	0.000453	0.000811	0.05884	0.060179	0
Statewide Totals	2003	MH	Aggregate	Aggregate	Gasoline	224465.1	1856844.129	1856844	0	22455.49	0	5.270405	0	0.009623	5.280028	0.018064	0	9.06E-05	0.018154	0.00614	0.031674	0.055969	0.019352	0
Statewide Totals	2003	MH	Aggregate	Aggregate	Diesel	17289.15	207174.1969	207174.2	0	1728.915	0	2.394869	0	0	2.394869	0.052006	0	0	0.052006	0.000913	0.00352	0.056439	0.054358	0
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Gasoline	78465.17	3199910.665	3199911	0	1569931	0	12.39708	0.007081	0.945128	13.34929	0.029631	0	0.010388	0.040018	0.010582	0.05457	0.10517	0.031807	0
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Diesel	206041.2	9934236.5	9934237	0	2448737	0	135.8654	8.571561	0	144.4369	4.57667	0.216031	0	4.792701	0.032852	0.169888	4.995441	4.783607	0.225799
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Gasoline	11072.58	620553.3367	620553.3	0	221540.2	0	2.099535	0.00076	0.11934	2.219635	0.002662	0	0.000592	0.003253	0.002052	0.010602	0.015908	0.002876	0
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Diesel	9140.015	647743.8675	647743.9	0	113185.8	0	11.45333	0.506349	0	11.95968	0.441995	0.012903	0	0.454898	0.002142	0.016914	0.473954	0.46198	0.013486
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Gasoline	4338.855	207877.8517	207877.9	0	17355.42	0	0.764328	0.004015	0.00988	0.778223	0.003724	0	0.000161	0.003884	0.000458	0.003655	0.007997	0.003958	0
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Diesel	16458.96	460818.5661	460818.6	0	238325.8	0	6.531383	0.618087	0	7.14947	0.275148	0.017986	0	0.293133	0.001524	0.008107	0.302764	0.287589	0.018799
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Gasoline	598.2116	52382.42903	52382.43	0	2392.846	0	0.080052	0	0.002712	0.082764	0.000154	0	3.63E-06	0.000158	0.000154	0.002098	0.00241	0.000168	0
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Diesel	7371.129	802302.4538	802302.5	0	29484.52	0	17.40906	0	0	17.40906	0.10855	0	0	0.10855	0.006886	0.033827	0.149263	0.113458	0
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Electricity	34.62832	1080.683258	0	1080.683	138.5133	2193.564	0	0	0	0	0	0	0	0	9.03E-07	5.8E-06	6.7E-06	0	0
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Natural Ga	3246.019	426714.5407	426714.5	0	12984.07	0	6.665509	0	0	6.665509	0.009104	0	0	0.009104	0.003961	0.018096	0.031161	0.009516	0
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Gasoline	5818.294	452435.0035	452435	0	116412.4	0	5.379481	0	0.038121	5.417602	0.003179	0	0.001199	0.004378	0.002494	0.019881	0.026753	0.003379	0
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Diesel	206852.9	36874324.39	36874324	0	2992787	0	803.3157	48.23825	0	851.5539	23.74439	0.832728	0	24.57712	0.360558	1.476326	26.414	24.818	0.87038
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Natural Ga	295.5182	25983.70941	25983.71	0	1359.384	0	0.866126	0.003288	0	0.869414	0.001591	1.36E-07	0	0.001591	0.000258	0.002105	0.003954	0.001731	1.48E-07
Statewide Totals	2004	LDA	Aggregate	Aggregate	Gasoline	13615726	474894518.6	4.75E+08	0	63711787	0	276.281	0	63.66231	339.9433	3.493194	0	0.657976	4.15117	1.046964	1.41533	6.613464	3.788767	0
Statewide Totals	2004	LDA	Aggregate	Aggregate	Diesel	83595.53	1894903.019	1894903	0	343401.1	0	3.474424	0	0	3.474424	0.464222	0	0	0.464222	0.004178	0.005825	0.474225	0.485212	0
Statewide Totals	2004	LDA	Aggregate	Aggregate	Electricity	9437.108	284745.8628	0	284745.9	47365.81	109935.4	0	0	0	0	0	0	0	0	0.000628	0.00048	0.001107	0	0
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Gasoline	2016967	63407313.17	63407313	0	9072282	0	68.11512	0	11.5441	79.65922	0.703005	0	0.129148	0.832154	0.139789	0.227393	1.199336	0.758603	0
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Diesel	5953.364	143742.3549	143742.4	0	24445.31	0	0.257075	0	0	0.257075	0.034852	0	0	0.034852	0.000317	0.000558	0.035727	0.036428	0
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Electricity	1417.124	38509.13788	0	38509.14	6854.584	14867.71	0	0	0	0	0	0	0	0	8.49E-05	6.51E-05	0.00015	0	0
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Gasoline	4427127	160266368.7	1.6E+08	0	21093497	0	152.5263	0	37.57583	190.1021	1.026122	0	0.176329	1.202451	0.353327	0.551413	2.107191	1.11211	0
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Diesel	390.4778	9447.348409	9447.348	0	1602.857	0	0.017348	0	0	0.017348	0.002363	0	0	0.002363	2.08E-05	3.73E-05	0.002422	0.00247	0
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Gasoline	607165.5	23030737.29	23030737	0	9045861	0	27.2305	0.02714	4.296216	31.55386	0.132833	0	0.015742	0.148576	0.050774	0.693066	0.892416	0.144144	0
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Diesel	276406.6	11937413.03	11937413	0	3476848	0	92.28421	0.790994	0	93.0752	0.900884	0.01238	0	0.913264	0.039476	0.359234	1.311974	0.941618	0.012939
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Gasoline	70691.28	2682148.315	2682148	0	1053195	0	2.829744	0.003179	0.52538	3.358303	0.013763	0	0.001714	0.015476	0.005913	0.094167	0.115556	0.01492	0
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Diesel	62756.82	2495419.159	2495419	0	789401.8	0	20.48987	0.179591	0	20.66946	0.181321	0.002701	0	0.184021	0.008252	0.087611	0.279884	0.189519	0.002823
Statewide Totals	2004	MCY	Aggregate	Aggregate	Gasoline	484767.7	3159800.327	3159800	0	969535.4	0	4.465785	0	0.334193	4.799978	0.019236	0	0.011968	0.031204	0.003483	0.014629	0.049316	0.020228	0
Statewide Totals	2004	MDV	Aggregate	Aggregate	Gasoline	3283879	123679954.8	1.24E+08	0	15928992	0	102.0781	0	26.48778	128.5658	0.652592	0	0.134075	0.786666	0.272668	0.412214	1.471548	0.7071	0
Statewide Totals	2004	MDV	Aggregate	Aggregate	Diesel	8946.073	207853.2576	207853.3	0	36680.17	0	0.383216	0	0	0.383216	0.05238	0	0	0.05238	0.000458	0.000798	0.053636	0.054748	0
Statewide Totals	2004	MH	Aggregate	Aggregate	Gasoline	218037.6	1793127.45	1793127	0	21812.48	0	4.561727	0	0.009264	4.570991	0.01559	0	8.07E-05	0.01567	0.00593	0.030578	0.052178	0.016708	0
Statewide Totals	2004	MH	Aggregate	Aggregate	Diesel	20131.82	239701.9995	239702	0	2013.182	0	2.509636	0	0	2.509636	0.060173	0	0	0.060173	0.001057	0.004071	0.065301	0.062894	0
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Gasoline	77286.97	3196700.522	3196701	0	1546358	0	11.21472	0.007025	0.929657	12.15141	0.025218	0	0.00935	0.034567	0.010571	0.054488	0.099627	0.027079	0
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Diesel	219426.4	10610215.86	10610216	0	2616773	0	138.5121	9.351973	0	147.8641	4.752809	0.214158	0	4.966967	0.035087	0.181448	5.183503	4.96771	0.223841
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Gasoline	11980.39	660340.4799	660340.5	0	239703.6	0	2.004702	0.000828	0.127628	2.133158	0.002352	0	0.000547	0.002899	0.002184	0.011281	0.016364	0.002542	0
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Diesel	9397.588	691799.5872	691799.6	0	117803.2	0	11.91644	0.541887	0	12.45833	0.466624	0.013437	0	0.480061	0.002288	0.018065	0.500413	0.487723	0.014044
Statewide Totals	2004	SBUS	Aggregate	Aggregate	Gasoline	4348.926	202876.9503	202877	0	17395.7	0	0.737385	0.00405	0.010227	0.751662	0.003305	0	0.000145	0.00345	0.000447	0.003567	0.007464	0.003516	0
Statewide Totals	2004	SBUS	Aggregate	Aggregate	Diesel	16459.3	492190.4981	492190.5	0	238330.6	0	6.787931	0.63467	0	7.422601	0.285738	0.01676	0	0.302498	0.001628	0.008659	0.312784	0.298658	0.017518
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Gasoline	602.6843	54821.68038	54821.68	0	2410.737	0	0.065102	0	0.002844	0.067945	0.000143	0	3.39E-06	0.000146	0.000161	0.002192	0.002499	0.000155	0
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Diesel	6995.205	730202.4561	730202.5	0	27980.82	0	15.25906	0	0	15.25906	0.094346	0	0	0.094346	0.006225	0.03077	0.131341	0.098612	0
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Electricity	25.63835	818.296866	0	818.2969	102.5534	1697.938	0	0	0	0	0	0	0	0	5.13E-08	3.29E-07	3.8E-07	0	0
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Natural Ga	3594.274	441214.8687	441214.9	0	14377.1	0	6.720046	0	0	6.720046	0.009255	0	0	0.009255	0.004008	0.018694	0.031958	0.009674	0
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Gasoline	4808.775	318625.8994	318625.9	0	96213.98	0	4.01196	0	0.027169	4.039129	0.002547	0	0.001062	0.003609	0.001756	0.013996	0.019361	0.002703	0
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Diesel	217552.4	38447310.61	38447311	0	3192910	0	776.0828	47.72257	0	823.8054	24.4732	0.679578	0	25.15278	0.375934	1.538858	27.06758	25.57977	0.710306
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Natural Ga	420.8384	37835.62276	37835.62	0	1935.857	0	1.192035	0.004682	0	1.196717	0.002598	1.94E-07	0	0.002598	0.000375	0.003065	0.006039	0.002826	2.11E-07
Statewide Totals	2005	LDA	Aggregate	Aggregate	Gasoline	13394011	468748489.1	4.69E+08	0	62846346	0	240.6155	0	58.3936	299.0091	2.878759	0	0.555559	3.434318	1.033414	1.394487	5.862219	3.122092	0
Statewide Totals	2005	LDA	Aggregate	Aggregate	Diesel	74345.26	1652198.049	1652198	0	303776.9	0	3.024621	0	0	3.024621	0.380996	0	0	0.380996	0.003642	0.005071	0.389709	0.398223	0
Statewide Totals	2005	LDA	Aggregate	Aggregate	Electricity	8238.328	239658.8281	0	239658.8	40947.22	92528.09	0	0	0	0	0	0	0	0	0.000528	0.000404	0.000933	0	0
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Gasoline	1930843	59325460.71	59325461	0	8632924	0	61.60549	0	10.74778	72.35327	0.623751	0	0.11591	0.739661	0.13079	0.215115	1.085567	0.673321	0
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Diesel	5228.779	120506.8992	120506.9	0	21131.52	0	0.215556	0	0	0.215556	0.029624	0	0	0.029624	0.000266	0.000475	0.030365	0.030963	0
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Electricity	1328.513	34659.99812	0	34660	6353.682	13381.62	0	0	0	0	0	0	0	0	7.64E-05	5.87E-05	0.000135	0	0
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Gasoline	4491068	162347131.8	1.62E+08	0	21437527	0	134.9101	0	34.88421	169.7943	0.86089	0	0.152757	1.013647	0.357914	0.557294	1.928855	0.932957	0
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Diesel	445.2654	10312.75707	10312.76	0	1786.747	0	0.019422	0	0	0.019422	0.002697	0	0	0.002697	2.27E-05	4.04E-05	0.00276	0.002818	0
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Gasoline	620510.7	23097033.66	23097034	0	9244685	0	24.41922	0.027895	4.822907	29.27002	0.118586	0	0.014507	0.133093	0.05092	0.695061	0.879074	0.12869	0
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Diesel	315560.9	13553206.11	13553206	0	3969359	0	97.19676	0.903042	0	98.0998	1.143084	0.013047	0	1.156131	0.04482	0.407858	1.608808	1.194769	0.013637
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Gasoline	69375.39	2578085.367	2578085	0	1033590	0	2.443739	0.003138	0.5668	3.013677	0.011409	0	0.001387	0.012796	0.005684	0.090513	0.108993	0.012385	0
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Diesel	73098.11	3017402.055	3017402	0	919482.2	0	22.08359	0.209185	0	22.29278	0.252053	0.002848	0	0.2549	0.009978	0.105937	0.370815	0.263449	0.002976
Statewide Totals	2005	MCY	Aggregate	Aggregate	Gasoline	521242.2	3475531.331	3475531	0	1042484	0	4.911791	0	0.360706	5.272498	0.016631	0	0.011015	0.027645	0.003831	0.016091	0.047567	0.017488	0
Statewide Totals	2005	MDV	Aggregate	Aggregate	Gasoline	3595368	134621831.3	1.35E+08	0	17444545	0	97.93499	0	26.69739	124.6324	0.586152	0	0.123	0.709152	0.296791	0.448708	1.45465	0.635187	0
Statewide Totals	2005	MDV	Aggregate	Aggregate	Diesel	7291.746	154525.6066	154525.6	0	29090.55	0	0.283842	0	0	0.283842	0.042157	0	0	0.042157	0.000341	0.000612	0.04311	0.044063	0
Statewide Totals	2005	MH	Aggregate	Aggregate	Gasoline	207866.8	1738979.863	1738980	0	20794.99	0	3.87634	0	0.008886	3.885226	0.013299	0	7.02E-05	0.013369	0.005751	0.029641	0.04876	0.014253	0
Statewide Totals	2005	MH	Aggregate	Aggregate	Diesel	22902.04	272567.7633	272567.8	0	2290.204	0	2.622763	0	0	2.622763	0.069479	0	0	0.069479	0.001202	0.004624	0.075306	0.072621	0
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Gasoline	72554.07	2904528.692	2904529	0	1451662	0	10.35566	0.006607	0.893454	11.25572	0.022029	0	0.008476	0.030505	0.009605	0.049486	0.089596	0.02366	0
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Diesel	235520.8	11066970.65	11066971	0	2822446	0	136.9459	10.30492	0	147.2508	4.783665	0.209792	0	4.993458	0.036598	0.189258	5.219314	4.999962	0.219278
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Gasoline	12838.14	724636.6963	724636.7	0	256865.5	0	1.890158	0.000895	0.135428	2.026481	0.002031	0	0.000469	0.0025	0.002396	0.012377	0.017273	0.002197	0
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Diesel	9192.611	721460.1738	721460.2	0	111238.3	0	12.10358	0.50194	0	12.60552	0.464224	0.010026	0	0.47425	0.002386	0.018839	0.495475	0.485214	0.010479
Statewide Totals	2005	SBUS	Aggregate	Aggregate	Gasoline	4142.529	192454.9224	192454.9	0	16570.12	0	0.681471	0.003881	0.010048	0.6954	0.002897	0	0.000127	0.003024	0.000424	0.003385	0.006834	0.003085	0
Statewide Totals	2005	SBUS	Aggregate	Aggregate	Diesel	16459.09	513303.2432	513303.2	0	238327.7	0	6.843143	0.651233	0	7.494376	0.289055	0.015522	0	0.304578	0.001697	0.00903	0.315305	0.302125	0.016224
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Gasoline	642.3214	55197.70824	55197.71	0	2569.286	0	0.061867	0	0.003098	0.064965	0.000124	0	2.96E-06	0.000127	0.000164	0.002222	0.002513	0.000135	0
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Diesel	6459.215	688273.8208	688273.8	0	25836.86	0	13.59331	0	0	13.59331	0.081423	0	0	0.081423	0.005765	0.029001	0.11619	0.085105	0
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Electricity	29.72736	1096.062561	0	1096.063	118.9095	2181.217	0	0	0	0	0	0	0	0	2.42E-08	1.55E-07	1.79E-07	0	0
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Natural Ga	4279.729	540803.9361	540803.9	0	17118.92	0	8.341544	0	0	8.341544	0.011164	0	0	0.011164	0.004952	0.022915	0.039031	0.011669	0
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Gasoline	4608.996	303226.8129	303226.8	0	92216.79	0	3.46663	0	0.025046	3.491676	0.002213	0	0.001008	0.003222	0.001671	0.013316	0.018209	0.002346	0
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Diesel	236178.9	38564195.3	38564195	0	3491086	0	747.6779	52.63495	0	800.3128	24.75724	0.698237	0	25.45548	0.377077	1.542938	27.3755	25.87666	0.729809
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Natural Ga	656.54	52969.59614	52969.6	0	3020.084	0	1.625629	0.007305	0	1.632934	0.003666	3.02E-07	0	0.003666	0.000526	0.004292	0.008483	0.003987	3.29E-07
Statewide Totals	2006	LDA	Aggregate	Aggregate	Gasoline	13511187	461129254	4.61E+08	0	63396761	0	212.3303	0	54.89311	267.2234	2.428346	0	0.494222	2.922568	1.016617	1.37073	5.309915	2.633424	0
Statewide Totals	2006	LDA	Aggregate	Aggregate	Diesel	69780.35	1497632.152	1497632	0	283951.4	0	2.744095	0	0	2.744095	0.323121	0	0	0.323121	0.003302	0.004588	0.331011	0.337731	0
Statewide Totals	2006	LDA	Aggregate	Aggregate	Electricity	8755.428	242542.51	0	242542.5	43198.18	93641.43	0	0	0	0	0	0	0	0	0.000535	0.000409	0.000944	0	0
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Gasoline	1884732	55555554.12	55555554	0	8375969	0	55.66839	0	10.16217	65.83056	0.553193	0	0.106474	0.659667	0.122479	0.202968	0.985114	0.597309	0
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Diesel	4974.919	109930.8979	109930.9	0	19903.53	0	0.197112	0	0	0.197112	0.026457	0	0	0.026457	0.000242	0.000433	0.027132	0.027653	0
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Electricity	1367.354	33810.00498	0	33810	6482.963	13053.45	0	0	0	0	0	0	0	0	7.45E-05	5.73E-05	0.000132	0	0
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Gasoline	4533327	158512879.8	1.59E+08	0	21589220	0	120.2534	0	32.98824	153.2416	0.735378	0	0.137323	0.872702	0.349461	0.545795	1.767958	0.796907	0
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Diesel	429.9577	9683.788529	9683.789	0	1716.645	0	0.01832	0	0	0.01832	0.002427	0	0	0.002427	2.13E-05	3.74E-05	0.002486	0.002537	0
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Gasoline	646163.8	23699467.76	23699468	0	9626879	0	21.75763	0.029203	5.486587	27.27342	0.10423	0	0.013404	0.117634	0.052248	0.71319	0.883073	0.113119	0
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Diesel	347543	14428796.27	14428796	0	4371654	0	97.84933	0.994565	0	98.84389	1.31404	0.013543	0	1.327583	0.047715	0.434207	1.809505	1.373455	0.014156
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Gasoline	73438.77	2665505.063	2665505	0	1094128	0	2.238848	0.003337	0.654008	2.896192	0.01003	0	0.001231	0.011262	0.005876	0.093582	0.11072	0.010898	0
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Diesel	86133.46	3520025.137	3520025	0	1083451	0	23.59727	0.246488	0	23.84376	0.324636	0.003171	0	0.327807	0.01164	0.123583	0.46303	0.339314	0.003315
Statewide Totals	2006	MCY	Aggregate	Aggregate	Gasoline	577961.5	3831198.69	3831199	0	1155923	0	5.413364	0	0.401438	5.814802	0.014802	0	0.010609	0.025411	0.004223	0.017737	0.047372	0.015565	0
Statewide Totals	2006	MDV	Aggregate	Aggregate	Gasoline	3877142	140864675.8	1.41E+08	0	18792446	0	90.86469	0	26.33786	117.2026	0.517938	0	0.11326	0.631199	0.310554	0.471014	1.412766	0.561298	0
Statewide Totals	2006	MDV	Aggregate	Aggregate	Diesel	6557.105	132524.4863	132524.5	0	25870.02	0	0.242997	0	0	0.242997	0.035528	0	0	0.035528	0.000292	0.000526	0.036346	0.037134	0
Statewide Totals	2006	MH	Aggregate	Aggregate	Gasoline	199565.1	1650180.043	1650180	0	19964.5	0	3.272873	0	0.008515	3.281388	0.011234	0	6.16E-05	0.011295	0.005457	0.028116	0.044868	0.012042	0
Statewide Totals	2006	MH	Aggregate	Aggregate	Diesel	26197.3	303886.0478	303886	0	2619.73	0	2.722077	0	0	2.722077	0.078627	0	0	0.078627	0.00134	0.005152	0.085118	0.082182	0
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Gasoline	70568.01	2764015.664	2764016	0	1411925	0	9.319704	0.006453	0.876945	10.2031	0.018987	0	0.007738	0.026725	0.00914	0.047073	0.082939	0.020396	0
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Diesel	255032.2	11105569.94	11105570	0	3066526	0	131.1454	11.36856	0	142.5139	4.730276	0.214028	0	4.944304	0.036725	0.189919	5.170948	4.944158	0.223706
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Gasoline	15108.3	854081.2472	854081.2	0	302286.9	0	1.788233	0.001061	0.156512	1.945806	0.001793	0	0.000432	0.002224	0.002824	0.014588	0.019637	0.001939	0
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Diesel	10617.57	723977.2069	723977.2	0	127282.3	0	11.69892	0.576404	0	12.27533	0.453623	0.010337	0	0.46396	0.002394	0.018905	0.485259	0.474134	0.010805
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Gasoline	4208.932	191324.6062	191324.6	0	16835.73	0	0.664017	0.003958	0.010391	0.678366	0.002637	0	0.000117	0.002755	0.000422	0.003364	0.006541	0.002811	0
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Diesel	17292	515072.6667	515072.7	0	250388.2	0	7.020514	0.665188	0	7.685703	0.316667	0.017219	0	0.333886	0.001703	0.009061	0.34465	0.330985	0.017997
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Gasoline	735.4611	62330.25047	62330.25	0	2941.844	0	0.077782	0	0.003464	0.081247	0.000104	0	2.76E-06	0.000107	0.000172	0.00242	0.002699	0.000113	0
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Diesel	6397.437	682942.2362	682942.2	0	25589.75	0	12.78854	0	0	12.78854	0.076413	0	0	0.076413	0.005428	0.028572	0.110412	0.079868	0
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Electricity	24.7913	794.6163719	0	794.6164	99.16521	1651.408	0	0	0	0	0	0	0	0	2.53E-08	1.62E-07	1.87E-07	0	0
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Natural Ga	4734.336	596085.0878	596085.1	0	18937.34	0	9.112158	0	0	9.112158	0.01182	0	0	0.01182	0.005463	0.025266	0.042549	0.012355	0
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Gasoline	4233.962	288841.7817	288841.8	0	84713.1	0	2.951659	0	0.022349	2.974009	0.001862	0	0.000899	0.002762	0.001592	0.012697	0.017051	0.001973	0
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Diesel	239155.3	39869283.89	39869284	0	3518917	0	739.5948	53.06293	0	792.6577	24.27242	0.640918	0	24.91333	0.38984	1.594736	26.89791	25.36991	0.669898
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Natural Ga	816.3354	66161.37327	66161.37	0	3823.945	0	1.648237	0.009009	0	1.657246	0.003711	5.62E-07	0	0.003711	0.000656	0.005335	0.009703	0.004036	6.11E-07
Statewide Totals	2007	LDA	Aggregate	Aggregate	Gasoline	13518233	456342218.9	4.56E+08	0	63474358	0	186.2944	0	51.02871	237.3231	2.038627	0	0.43131	2.469937	1.006063	1.355885	4.831886	2.210742	0
Statewide Totals	2007	LDA	Aggregate	Aggregate	Diesel	65283.12	1377988.644	1377989	0	264941.6	0	2.528299	0	0	2.528299	0.265306	0	0	0.265306	0.003038	0.004218	0.272562	0.277302	0
Statewide Totals	2007	LDA	Aggregate	Aggregate	Electricity	9832.034	266183.0503	0	266183.1	48352.06	102768.6	0	0	0	0	0	0	0	0	0.000587	0.000449	0.001036	0	0

Statewide Totals	2007	LDT1	Aggregate	Aggregate	Gasoline	1808197	52115470.46	52115470	0	8004644	0	49.31774	0	9.352181	58.66992	0.482138	0	0.095152	0.57729	0.114895	0.191057	0.883242	0.520689	0
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Diesel	4657.36	100719.7071	100719.7	0	18504.37	0	0.181436	0	0	0.181436	0.022467	0	0	0.022467	0.000222	0.000396	0.023085	0.023483	0
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Electricity	1182.629	28259.73327	0	28259.73	5565.191	10910.59	0	0	0	0	0	0	0	0	6.23E-05	4.79E-05	0.00011	0	0
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Gasoline	4605095	158249117.2	1.58E+08	0	21902433	0	107.4758	0	30.99904	138.4749	0.633085	0	0.122711	0.755797	0.34888	0.545819	1.650496	0.686053	0
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Diesel	439.2306	9797.804808	9797.805	0	1746.143	0	0.018663	0	0	0.018663	0.002291	0	0	0.002291	2.16E-05	3.75E-05	0.00235	0.002395	0
Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Gasoline	648803.6	23119451.4	23119451	0	9666207	0	19.31867	0.029442	5.883211	25.23132	0.091401	0	0.012169	0.103571	0.05097	0.695736	0.850276	0.099207	0
Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Diesel	363565.1	14447312.55	14447313	0	4573192	0	92.83966	1.040415	0	93.88008	1.256455	0.013024	0	1.269479	0.047776	0.434764	1.75202	1.313266	0.013613
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Gasoline	69407.38	2463290.867	2463291	0	1034067	0	1.741395	0.003172	0.672746	2.417313	0.007817	0	0.000994	0.008811	0.005431	0.086483	0.100724	0.008494	0
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Diesel	92778.34	3644031.182	3644031	0	1167035	0	22.7135	0.265504	0	22.979	0.318795	0.003172	0	0.321968	0.012051	0.127937	0.461955	0.33321	0.003316
Statewide Totals	2007	MCY	Aggregate	Aggregate	Gasoline	614719.2	4023054.729	4023055	0	1229438	0	5.683409	0	0.428177	6.111586	0.01306	0	0.00995	0.02301	0.004435	0.018626	0.04607	0.013734	0
Statewide Totals	2007	MDV	Aggregate	Aggregate	Gasoline	4025420	142912770.4	1.43E+08	0	19453030	0	84.02228	0	25.68856	109.7108	0.456499	0	0.102738	0.559237	0.315069	0.480882	1.355188	0.494767	0
Statewide Totals	2007	MDV	Aggregate	Aggregate	Diesel	5963.14	118575.5701	118575.6	0	23391.6	0	0.2146	0	0	0.2146	0.029047	0	0	0.029047	0.000261	0.000468	0.029777	0.030361	0
Statewide Totals	2007	MH	Aggregate	Aggregate	Gasoline	190329.1	1565328.023	1565328	0	19040.52	0	2.785657	0	0.008092	2.793749	0.009533	0	5.34E-05	0.009586	0.005176	0.026662	0.041424	0.010221	0
Statewide Totals	2007	MH	Aggregate	Aggregate	Diesel	28927.49	327958.2711	327958.3	0	2892.749	0	2.739372	0	0	2.739372	0.07832	0	0	0.07832	0.001446	0.005558	0.085324	0.081861	0
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Gasoline	69752.36	2793640.458	2793640	0	1395605	0	8.749014	0.006431	0.871373	9.626818	0.016304	0	0.006852	0.023156	0.009238	0.047573	0.079967	0.017519	0
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Diesel	262968.8	11484740.68	11484741	0	3159087	0	129.3155	11.90988	0	141.2254	4.552253	0.19833	0	4.750582	0.037979	0.196403	4.984965	4.758085	0.207297
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Gasoline	15654.15	875364.3134	875364.3	0	313208.3	0	1.63457	0.001104	0.161052	1.796725	0.001544	0	0.000381	0.001925	0.002895	0.014954	0.019774	0.001671	0
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Diesel	10603.87	748714.0167	748714	0	128003.1	0	11.72622	0.591677	0	12.31789	0.450776	0.009742	0	0.460518	0.002476	0.019551	0.482545	0.471158	0.010183
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Natural Ga	0.777508	22.92771613	22.92772	0	6.919824	0	4.98E-06	1.36E-06	0	6.34E-06	1E-08	2.4E-09	0	1.24E-08	7.58E-08	3.87E-07	4.75E-07	1.09E-08	2.62E-09
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Gasoline	4078.366	182628.7124	182628.7	0	16313.46	0	0.616339	0.003854	0.010189	0.630381	0.002329	0	0.000105	0.002433	0.000403	0.003212	0.006048	0.002483	0
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Diesel	17962.86	531896.0767	531896.1	0	260102.2	0	7.066812	0.703336	0	7.770148	0.296289	0.015757	0	0.312046	0.001759	0.009357	0.323162	0.309686	0.016469
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Natural Ga	56.14208	790.7513002	790.7513	0	812.9373	0	0.000905	0.000331	0	0.001236	3.43E-06	5.87E-07	0	4.02E-06	2.61E-06	1.41E-05	2.08E-05	3.73E-06	6.38E-07
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Gasoline	835.3658	73188.60557	73188.61	0	3341.463	0	0.04517	0	0.003792	0.048962	7.14E-05	0	2.19E-06	7.36E-05	0.000197	0.002808	0.003079	7.77E-05	0
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Diesel	6335.146	661695.9653	661696	0	25340.58	0	12.18766	0	0	12.18766	0.07246	0	0	0.07246	0.005297	0.027708	0.105466	0.075737	0
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Electricity	38.93715	1266.567869	0	1266.568	155.7486	2474.993	0	0	0	0	0	0	0	0	2.58E-08	1.66E-07	1.92E-07	0	0
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Natural Ga	4981.025	635730.3089	635730.3	0	19924.1	0	9.681443	0	0	9.681443	0.012287	0	0	0.012287	0.005838	0.026945	0.04507	0.012843	0
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Gasoline	4110.025	276969.2991	276969.3	0	82233.39	0	2.696904	0	0.020174	2.717079	0.001654	0	0.000828	0.002482	0.001527	0.012148	0.016156	0.001752	0
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Diesel	237103	36689870.69	36689871	0	3443893	0	654.6297	15.6461	0	670.2758	22.12549	0.433893	0	22.55939	0.358749	1.467027	24.38516	23.12591	0.453512
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Natural Ga	1121.237	82348.33974	82348.34	0	5534.785	0	1.514436	0.012593	0	1.52703	0.003384	2.96E-06	0	0.003387	0.000817	0.00635	0.010554	0.00368	3.22E-06
Statewide Totals	2008	LDA	Aggregate	Aggregate	Gasoline	13291596	437604642.1	4.38E+08	0	62347769	0	160.9518	0	47.09368	208.0455	1.690407	0	0.374895	2.065302	0.964754	1.30083	4.330886	1.833105	0
Statewide Totals	2008	LDA	Aggregate	Aggregate	Diesel	60280.05	1235197.148	1235197	0	243746	0	2.265788	0	0	2.265788	0.221875	0	0	0.221875	0.002723	0.003776	0.228374	0.231908	0
Statewide Totals	2008	LDA	Aggregate	Aggregate	Electricity	10620.33	276642.3675	0	276642.4	51939.47	106806.8	0	0	0	0	0	0	0	0	0.00061	0.000467	0.001077	0	0
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Gasoline	1764504	50303575.98	50303576	0	7833550	0	42.18504	0	8.47283	50.65787	0.406926	0	0.083472	0.490398	0.1109	0.183221	0.78452	0.439489	0
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Diesel	4404.962	91898.27234	91898.27	0	17351.5	0	0.163254	0	0	0.163254	0.019869	0	0	0.019869	0.000203	0.000362	0.020433	0.020767	0
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Electricity	1252.811	28967.58206	0	28967.58	5872.456	11183.88	0	0	0	0	0	0	0	0	6.39E-05	4.91E-05	0.000113	0	0
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Gasoline	4573823	151904459.6	1.52E+08	0	21660972	0	95.72336	0	29.02792	124.7513	0.547893	0	0.110854	0.658747	0.334892	0.527315	1.520955	0.593722	0
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Diesel	446.0481	9963.411866	9963.412	0	1779.909	0	0.018556	0	0	0.018556	0.002118	0	0	0.002118	2.2E-05	3.75E-05	0.002178	0.002214	0
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Gasoline	626433.3	21283631.27	21283631	0	9332923	0	16.49572	0.028519	5.98403	22.50827	0.077717	0	0.010767	0.088484	0.046922	0.64049	0.775897	0.084365	0
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Diesel	372422.7	14043131.3	14043131	0	4684609	0	86.57348	1.065763	0	87.63925	1.212744	0.012801	0	1.225546	0.04644	0.422601	1.694587	1.267579	0.01338
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Gasoline	76169.74	2604579.241	2604579	0	1134816	0	1.795163	0.003485	0.761588	2.560236	0.0078	0	0.001041	0.008841	0.005742	0.091443	0.106026	0.008476	0
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Diesel	99722.47	3767903.621	3767904	0	1254383	0	21.85374	0.285376	0	22.13912	0.322758	0.003298	0	0.326056	0.01246	0.132286	0.470802	0.337351	0.003447
Statewide Totals	2008	MCY	Aggregate	Aggregate	Gasoline	663643.4	4201948.11	4201948	0	1327287	0	5.270737	0	0.430373	5.70111	0.011883	0	0.009764	0.021647	0.004632	0.019454	0.045733	0.012499	0
Statewide Totals	2008	MDV	Aggregate	Aggregate	Gasoline	4065043	138839695.1	1.39E+08	0	19539771	0	76.91699	0	24.93126	101.8483	0.400098	0	0.093419	0.493517	0.306089	0.472197	1.271803	0.433725	0
Statewide Totals	2008	MDV	Aggregate	Aggregate	Diesel	5425.743	106453.354	106453.4	0	21233.42	0	0.184166	0	0	0.184166	0.024207	0	0	0.024207	0.000235	0.000416	0.024857	0.025302	0
Statewide Totals	2008	MH	Aggregate	Aggregate	Gasoline	176216.3	1413631.561	1413632	0	17628.67	0	2.304875	0	0.007448	2.312324	0.007858	0	4.53E-05	0.007904	0.004675	0.024075	0.036654	0.008428	0
Statewide Totals	2008	MH	Aggregate	Aggregate	Diesel	29714.1	322026.0727	322026.1	0	2971.41	0	2.566425	0	0	2.566425	0.074659	0	0	0.074659	0.00142	0.005457	0.081536	0.078035	0
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Gasoline	65980.9	2600931.68	2600932	0	1320146	0	7.387374	0.006103	0.823279	8.216757	0.013686	0	0.006111	0.019797	0.008601	0.044272	0.072671	0.014702	0
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Diesel	270527.7	10575724.68	10575725	0	3242547	0	114.1798	12.32156	0	126.5014	3.993768	0.189179	0	4.182948	0.034973	0.180858	4.398779	4.174349	0.197733
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Natural Ga	35.13948	692.2174927	692.2175	0	417.1553	0	0.000171	0.000226	0	0.000396	3.38E-07	4E-07	0	7.38E-07	2.29E-06	1.19E-05	1.5E-05	3.68E-07	4.35E-07
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Gasoline	16610.37	907080.4587	907080.5	0	332340.4	0	1.49011	0.001175	0.167472	1.658757	0.001346	0	0.000343	0.001689	0.003	0.015497	0.020186	0.001456	0
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Diesel	10389	687439.9286	687439.9	0	121582.2	0	10.19101	0.515808	0	10.70682	0.402612	0.008156	0	0.410767	0.002273	0.017969	0.431009	0.420816	0.008524
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Natural Ga	32.12489	2037.845932	2037.846	0	285.9115	0	0.00048	5.61E-05	0	0.000536	9.4E-07	9.94E-08	0	1.04E-06	6.74E-06	3.47E-05	4.25E-05	1.02E-06	1.08E-07
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Gasoline	4233.393	185581.1711	185581.2	0	16933.57	0	0.577847	0.00403	0.010641	0.592518	0.00215	0	9.87E-05	0.002249	0.000409	0.003264	0.005922	0.002293	0
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Diesel	18727.89	486684.6519	486684.7	0	271179.9	0	6.264651	0.74312	0	7.00777	0.258641	0.015472	0	0.274112	0.001609	0.008561	0.284283	0.270335	0.016171
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Natural Ga	192.1094	3798.741147	3798.741	0	2781.743	0	0.004051	0.001133	0	0.005184	1.6E-05	2.01E-06	0	1.8E-05	1.26E-05	6.75E-05	9.81E-05	1.74E-05	2.18E-06
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Gasoline	1277.715	114293.7922	114293.8	0	5105.721	0	0.083529	0	0.005817	0.089346	0.000101	0	2.72E-06	0.000103	0.000313	0.004414	0.004831	0.00011	0
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Diesel	5942.943	610923.5577	610923.6	0	23766.17	0	10.87328	0	0	10.87328	0.062351	0	0	0.062351	0.004889	0.025623	0.092864	0.065171	0
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Electricity	36.55444	1128.867651	0	1128.868	146.2178	2200.992	0	0	0	0	0	0	0	0	2.56E-08	1.64E-07	1.89E-07	0	0
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Natural Ga	5422.359	652311.9306	652311.9	0	21680.18	0	9.553431	0	0	9.553431	0.012024	0	0	0.012024	0.00595	0.027642	0.045616	0.012568	0
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Gasoline	3877.895	256828.9026	256828.9	0	77588.93	0	2.447713	0	0.018791	2.466503	0.001517	0	0.000765	0.002283	0.001416	0.011285	0.014984	0.001607	0
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Diesel	220484	33207200.33	33207200	0	3181262	0	570.5894	15.15513	0.015296	585.7598	19.65468	0.386141	0	20.04082	0.324691	1.323373	21.68888	20.54337	0.403601
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Natural Ga	1607.356	109815.336	109815.3	0	8176.028	0	1.38245	0.018201	0	1.400651	0.003008	6.01E-06	0	0.003014	0.001089	0.008186	0.012289	0.003272	6.54E-06
Statewide Totals	2009	LDA	Aggregate	Aggregate	Gasoline	13178663	433497119.1	4.33E+08	0	61570531	0	148.6447	0	44.64716	193.2919	1.506033	0	0.338207	1.84424	0.955698	1.291201	4.091139	1.633274	0
Statewide Totals	2009	LDA	Aggregate	Aggregate	Diesel	60958.02	1342022.689	1342023	0	249690	0	2.113346	0	0	2.113346	0.19785	0	0	0.19785	0.002959	0.004054	0.204863	0.206796	0
Statewide Totals	2009	LDA	Aggregate	Aggregate	Electricity	10997.32	283498.1393	0	283498.1	53384.96	109453.7	0	0	0	0	0	0	0	0	0.000625	0.000479	0.001104	0	0
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Gasoline	1687519	48512286.25	48512286	0	7480953	0	37.56542	0	7.724033	45.28945	0.357062	0	0.073211	0.430273	0.106951	0.176963	0.714188	0.38579	0
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Diesel	4170.939	87987.51708	87987.52	0	16355.56	0	0.149913	0	0	0.149913	0.017945	0	0	0.017945	0.000194	0.000345	0.018483	0.018756	0
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Electricity	1333.46	30754.56921	0	30754.57	6217.284	11873.8	0	0	0	0	0	0	0	0	6.78E-05	5.22E-05	0.00012	0	0
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Gasoline	4539097	149799400.1	1.5E+08	0	21361890	0	90.01226	0	27.6864	117.6987	0.499474	0	0.101889	0.601363	0.330251	0.524951	1.456566	0.541284	0
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Diesel	494.14	11734.34087	11734.34	0	2002.053	0	0.021183	0	0	0.021183	0.002159	0	0	0.002159	2.59E-05	4.29E-05	0.002228	0.002257	0
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Gasoline	588178.8	19364493.53	19364494	0	8762988	0	14.58682	0.026831	5.841582	20.45523	0.068317	0	0.009534	0.077852	0.042691	0.582738	0.703281	0.074171	0
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Diesel	364755.3	13259316.66	13259317	0	4588163	0	80.95485	1.043821	0	81.99867	1.162123	0.012296	0	1.174419	0.043848	0.399014	1.617281	1.214669	0.012852
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Gasoline	72029.45	2407407.829	2407408	0	1073131	0	1.581603	0.003302	0.750917	2.335822	0.006803	0	0.000918	0.007721	0.005307	0.084521	0.09755	0.007393	0
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Diesel	97039.71	3536702.139	3536702	0	1220637	0	20.23991	0.277699	0	20.51761	0.30636	0.003134	0	0.309495	0.011696	0.124169	0.445359	0.320213	0.003276
Statewide Totals	2009	MCY	Aggregate	Aggregate	Gasoline	657910.8	4017955.739	4017956	0	1315822	0	4.743074	0	0.406153	5.149228	0.010759	0	0.009174	0.019933	0.004429	0.018602	0.042964	0.011318	0
Statewide Totals	2009	MDV	Aggregate	Aggregate	Gasoline	3984606	134168933.6	1.34E+08	0	18989033	0	73.37783	0	24.16533	97.54316	0.366194	0	0.085934	0.452128	0.295792	0.463572	1.211492	0.397027	0
Statewide Totals	2009	MDV	Aggregate	Aggregate	Diesel	6375.423	157080.615	157080.6	0	26593.61	0	0.164646	0	0	0.164646	0.021453	0	0	0.021453	0.000346	0.000562	0.022361	0.022423	0
Statewide Totals	2009	MH	Aggregate	Aggregate	Gasoline	168478.8	1335038.799	1335039	0	16854.62	0	2.099895	0	0.00705	2.106944	0.007102	0	4.07E-05	0.007143	0.004415	0.022736	0.034294	0.00762	0
Statewide Totals	2009	MH	Aggregate	Aggregate	Diesel	29938	315535.21	315535.2	0	2993.8	0	2.464178	0	0	2.464178	0.072934	0	0	0.072934	0.001391	0.005347	0.079672	0.076231	0
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Gasoline	59206.33	2347307.016	2347307	0	1184600	0	6.314316	0.005497	0.744289	7.064101	0.01135	0	0.005219	0.016569	0.007762	0.039949	0.06428	0.012188	0
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Diesel	256088.6	9576913.525	9576914	0	3056749	0	100.8666	11.67785	0.003987	112.5484	3.521763	0.169388	0	3.69115	0.03167	0.163778	3.886598	3.681001	0.177047
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Natural Ga	133.754	6021.941789	6021.942	0	1421.435	0	0.001411	0.000925	0	0.002336	2.81E-06	1.64E-06	0	4.45E-06	1.99E-05	0.000103	0.000127	3.06E-06	1.78E-06
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Gasoline	17349.44	959373.3601	959373.4	0	347127.6	0	1.399417	0.00123	0.171668	1.572315	0.001218	0	0.00031	0.001528	0.003173	0.01639	0.021092	0.001318	0
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Diesel	10908.57	615721.2935	615721.3	0	123955	0	8.598294	0.486158	0.000325	9.084777	0.333442	0.007388	0	0.34083	0.002036	0.016156	0.359022	0.348519	0.007722
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Natural Ga	169.5092	9087.645414	9087.645	0	1508.632	0	0.002161	0.000296	0	0.002457	4.21E-06	5.24E-07	0	4.74E-06	3.01E-05	0.000155	0.00019	4.58E-06	5.7E-07
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Gasoline	4344.798	191367.6473	191367.6	0	17379.19	0	0.568827	0.004157	0.010853	0.583837	0.002109	0	9.56E-05	0.002205	0.000422	0.003369	0.005996	0.002249	0
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Diesel	19342.04	437210.3543	437210.4	0	280072.7	0	5.453014	0.770102	0.00051	6.223626	0.21925	0.014373	0	0.233623	0.001446	0.00769	0.242759	0.229163	0.015023
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Natural Ga	333.9597	7179.843942	7179.844	0	4835.736	0	0.007793	0.001969	0	0.009763	3.05E-05	3.49E-06	0	3.4E-05	2.37E-05	0.000128	0.000186	3.31E-05	3.8E-06
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Gasoline	1690.785	151448.9112	151448.9	0	6763.142	0	0.053459	0	0.007345	0.060804	8.95E-05	0	2.32E-06	9.18E-05	0.000438	0.006007	0.006536	9.73E-05	0
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Diesel	5074.774	520223.5672	520223.6	0	20299.09	0	9.135588	0	0	9.135588	0.050202	0	0	0.050202	0.00429	0.021942	0.076435	0.052472	0
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Electricity	36.16128	1384.873997	0	1384.874	144.6451	2820.398	0	0	0	0	0	0	0	0	1.67E-06	1.07E-05	1.24E-05	0	0
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Natural Ga	5829.932	691107.7247	691107.7	0	23319.73	0	9.118171	0	0	9.118171	0.011265	0	0	0.011265	0.006301	0.029294	0.046859	0.011774	0
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Gasoline	3677.34	251796.7681	251796.8	0	73576.22	0	2.32771	0	0.017888	2.345597	0.001433	0	0.000696	0.002129	0.001388	0.010949	0.014466	0.001517	0
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Diesel	229437.4	33342764.18	33342764	0	3382274	0	552.0686	16.44154	0.165054	568.6752	19.48132	0.392964	0	19.87428	0.326012	1.31319	21.51348	20.36218	0.410732
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Natural Ga	2163.77	145345.1568	145345.2	0	11024.91	0	1.429351	0.02443	0	1.453781	0.003001	8.45E-06	0	0.00301	0.001442	0.010677	0.015129	0.003264	9.19E-06
Statewide Totals	2010	LDA	Aggregate	Aggregate	Gasoline	13034486	443052047.8	4.43E+08	0	60728534	0	139.4661	0	42.0024	181.4685	1.367634	0	0.300369	1.668004	0.976763	1.322535	3.967302	1.483403	0
Statewide Totals	2010	LDA	Aggregate	Aggregate	Diesel	63716.75	1583458.811	1583459	0	266062.4	0	2.022758	0	0	2.022758	0.182514	0	0	0.182514	0.003491	0.004734	0.190739	0.190767	0
Statewide Totals	2010	LDA	Aggregate	Aggregate	Electricity	12034.3	319959.8534	0	319959.9	58183.19	123530.9	0	0	0	0	0	0	0	0	0.000705	0.000541	0.001247	0	0
Statewide Totals	2010	LDA	Aggregate	Aggregate	Plug-in Hyb	21.4848	1001.753363	542.8215	458.9318	88.83964	138.6111	4.02E-06	0	1.11E-05	1.51E-05	1.86E-07	0	3.35E-08	2.2E-07	2.21E-06	1.51E-06	3.94E-06	2.02E-07	0
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Gasoline	1631795	48585578.49	48585578	0	7217402	0	34.92385	0	7.139771	42.06362	0.326852	0	0.064943	0.391796	0.107113	0.177936	0.676845	0.353323	0
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Diesel	3932.668	84737.55022	84737.55	0	15251.9	0	0.142193	0	0	0.142193	0.01703	0	0	0.01703	0.000187	0.000334	0.01755	0.0178	0
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Electricity	1315.696	30565.98675	0	30565.99	6066.595	11800.99	0	0	0	0	0	0	0	0	6.74E-05	5.19E-05	0.000119	0	0
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Gasoline	4539399	154081676.2	1.54E+08	0	21253478	0	86.85086	0	26.34765	113.1985	0.471343	0	0.094081	0.565424	0.339692	0.543871	1.448988	0.510761	0
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Diesel	495.1462	12491.55244	12491.55	0	2006.491	0	0.020175	0	0	0.020175	0.002109	0	0	0.002109	2.75E-05	4.54E-05	0.002182	0.002205	0
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Gasoline	563654.1	18580397.05	18580397	0	8397606	0	13.70521	0.025753	5.755586	19.48655	0.063916	0	0.008759	0.072675	0.040963	0.559142	0.67278	0.069398	0
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Diesel	360787	13113814.96	13113815	0	4538247	0	78.9644	1.032465	0	79.99687	1.154548	0.011962	0	1.16651	0.043367	0.394635	1.604512	1.206751	0.012503
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Gasoline	71057.66	2395350.33	2395350	0	1058653	0	1.531885	0.003262	0.762386	2.297533	0.006497	0	0.000861	0.007358	0.005281	0.084097	0.096736	0.00706	0
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Diesel	96620.97	3530060.021	3530060	0	1215370	0	19.70027	0.276501	0	19.97677	0.305933	0.003077	0	0.309009	0.011674	0.123936	0.444618	0.319765	0.003216
Statewide Totals	2010	MCY	Aggregate	Aggregate	Gasoline	648124.9	3909546.089	3909546	0	1296250	0	4.476717	0	0.38664	4.863357	0.010119	0	0.008692	0.018811	0.00431	0.0181	0.041221	0.010647	0
Statewide Totals	2010	MDV	Aggregate	Aggregate	Gasoline	3942788	135054006.2	1.35E+08	0	18632661	0	72.8071	0	23.6208	96.42789	0.349868	0	0.080003	0.42987	0.297743	0.473336	1.20095	0.379371	0
Statewide Totals	2010	MDV	Aggregate	Aggregate	Diesel	7880.201	235392.9582	235393	0	34624	0	0.154579	0	0	0.154579	0.02008	0	0	0.02008	0.000519	0.000803	0.021402	0.020988	0
Statewide Totals	2010	MH	Aggregate	Aggregate	Gasoline	159575.9	1281139.249	1281139	0	15963.97	0	1.96345	0	0.006626	1.970075	0.006582	0	3.63E-05	0.006618	0.004237	0.021819	0.032674	0.007064	0
Statewide Totals	2010	MH	Aggregate	Aggregate	Diesel	29514.51	311038.9244	311038.9	0	2951.451	0	2.384533	0	0	2.384533	0.071045	0	0	0.071045	0.001371	0.005271	0.077688	0.074258	0

Statewide Totals	2010	MHDT	Aggregate	Aggregate	Gasoline	55869.14	2274507.923	2274508	0	1117830	0	5.899989	0.005201	0.701765	6.606955	0.010297	0	0.004645	0.014942	0.007522	0.038701	0.061165	0.011056	0
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Diesel	255248.4	9621196.681	9621197	0	3046173	0	98.91927	11.52626	0.046603	110.4921	3.475048	0.162458	0	3.637507	0.031817	0.164535	3.833858	3.632175	0.169804
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Natural Ga	249.0336	11141.5613	11141.56	0	2667.723	0	0.00258	0.001714	0	0.004294	5.14E-06	3.04E-06	0	8.18E-06	3.68E-05	0.00019	0.000235	5.59E-06	3.3E-06
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Gasoline	17260.01	971570.3073	971570.3	0	345338.4	0	1.358423	0.001225	0.167999	1.527647	0.00114	0	0.000279	0.001419	0.003213	0.0166	0.021232	0.001234	0
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Diesel	11032.78	613244.3096	613244.3	0	126380.6	0	8.260545	0.494264	0.001554	8.756362	0.317685	0.006998	0	0.324683	0.002028	0.016045	0.342756	0.332049	0.007314
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Natural Ga	260.6195	14746.35849	14746.36	0	2319.513	0	0.003638	0.000455	0	0.004093	7.02E-06	8.06E-07	0	7.82E-06	4.88E-05	0.000252	0.000309	7.63E-06	8.77E-07
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Gasoline	4389.668	202322.2029	202322.2	0	17558.67	0	0.566889	0.00422	0.010958	0.582066	0.002101	0	9.14E-05	0.002193	0.000446	0.00356	0.006199	0.00224	0
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Diesel	19798.06	432920.7669	432920.8	0	286675.8	0	5.160796	0.78707	0.003451	5.951317	0.207005	0.01278	0	0.219786	0.001432	0.007612	0.228829	0.216365	0.013358
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Natural Ga	665.9445	13755.98265	13755.98	0	9642.877	0	0.015496	0.003927	0	0.019423	5.93E-05	6.96E-06	0	6.62E-05	4.55E-05	0.000246	0.000357	6.45E-05	7.57E-06
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Gasoline	1787.065	171470.6998	171470.7	0	7148.261	0	0.044668	0	0.007591	0.052259	6.62E-05	0	1.77E-06	6.8E-05	0.000504	0.00686	0.007432	7.2E-05	0
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Diesel	4920.572	485684.0005	485684	0	19682.29	0	8.224574	0	0	8.224574	0.009777	0	0	0.009777	0.004079	0.020447	0.034302	0.010219	0
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Electricity	35.00903	752.9531959	0	752.9532	140.0361	1579.907	0	0	0	0	0	0	0	0	2.25E-07	1.42E-06	1.65E-06	0	0
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Natural Ga	6077.218	701230.6457	701230.6	0	24308.87	0	8.287203	0	0	8.287203	0.010097	0	0	0.010097	0.006395	0.029709	0.046201	0.010553	0
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Gasoline	3470.117	240200.9971	240201	0	69430.1	0	2.160201	0	0.018542	2.178743	0.001296	0	0.000628	0.001924	0.001324	0.010247	0.013496	0.001373	0
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Diesel	230366.4	33956560.1	33956560	0	3424172	0	529.5521	17.13444	0.447803	547.1344	19.18606	0.375705	0	19.56176	0.332011	1.319156	21.21293	20.05357	0.392693
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Natural Ga	2820.508	194108.4953	194108.5	0	15327.11	0	1.483102	0.033077	0	1.516179	0.00301	1.57E-05	0	0.003026	0.001926	0.013776	0.018727	0.003274	1.7E-05
Statewide Totals	2011	LDA	Aggregate	Aggregate	Gasoline	12971612	440985043.2	4.41E+08	0	60326141	0	125.4409	0	39.49505	164.936	1.19727	0	0.266354	1.463624	0.972206	1.317737	3.753567	1.298839	0
Statewide Totals	2011	LDA	Aggregate	Aggregate	Diesel	70548.93	1961279.525	1961280	0	303386.7	0	1.871955	0	0	1.871955	0.162338	0	0	0.162338	0.004324	0.005787	0.172449	0.169678	0
Statewide Totals	2011	LDA	Aggregate	Aggregate	Electricity	15649.21	432555.4126	0	432555.4	76388.69	167002.1	0	0	0	0	0	0	0	0	0.000954	0.00073	0.001684	0	0
Statewide Totals	2011	LDA	Aggregate	Aggregate	Plug-in Hyb	1097.749	51488.88956	27900.36	23588.53	4539.191	7124.439	0.000206	0	0.000566	0.000772	1.29E-05	0	2.57E-06	1.55E-05	0.000114	7.74E-05	0.000206	1.4E-05	0
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Gasoline	1538031	45260246.32	45260246	0	6757554	0	31.2254	0	6.530342	37.75575	0.288386	0	0.057734	0.34612	0.099782	0.167031	0.612933	0.311795	0
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Diesel	3734.383	79191.57602	79191.58	0	14307.89	0	0.13268	0	0	0.13268	0.015734	0	0	0.015734	0.000175	0.000314	0.016222	0.016445	0
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Electricity	1257.468	28238.7288	0	28238.73	5723.645	10902.48	0	0	0	0	0	0	0	0	6.23E-05	4.8E-05	0.00011	0	0
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Gasoline	4629309	157050899.3	1.57E+08	0	21614427	0	80.78516	0	25.15251	105.9377	0.430665	0	0.086865	0.51753	0.346238	0.555637	1.419405	0.466736	0
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Diesel	568.6631	14951.89553	14951.9	0	2330.566	0	0.021239	0	0	0.021239	0.002168	0	0	0.002168	3.3E-05	5.36E-05	0.002254	0.002266	0
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Gasoline	539753.5	17351691.2	17351691	0	8041523	0	12.37313	0.024702	5.656734	18.05457	0.057321	0	0.007984	0.065305	0.038254	0.522166	0.625725	0.062242	0
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Diesel	355898.9	12655569.73	12655570	0	4476761	0	73.43935	1.018477	0	74.45783	1.090827	0.011646	0	1.102472	0.041851	0.380845	1.525169	1.140149	0.012172
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Gasoline	71050.92	2365813.063	2365813	0	1058553	0	1.428968	0.003267	0.780851	2.213087	0.006021	0	0.000815	0.006836	0.005216	0.08306	0.095112	0.006543	0
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Diesel	97139.09	3521079.859	3521080	0	1221888	0	18.26652	0.277983	0	18.54451	0.289997	0.003053	0	0.29305	0.011644	0.12362	0.428314	0.303109	0.003191
Statewide Totals	2011	MCY	Aggregate	Aggregate	Gasoline	656966.7	3836200.605	3836201	0	1313933	0	4.216817	0	0.377403	4.59422	0.009516	0	0.008517	0.018033	0.004229	0.01776	0.040022	0.010014	0
Statewide Totals	2011	MDV	Aggregate	Aggregate	Gasoline	3924688	132509385.4	1.33E+08	0	18417707	0	68.88204	0	22.84322	91.72526	0.320962	0	0.074055	0.395017	0.292133	0.469154	1.156304	0.348066	0
Statewide Totals	2011	MDV	Aggregate	Aggregate	Diesel	10984.35	378511.3369	378511.3	0	50953.71	0	0.141331	0	0	0.141331	0.018057	0	0	0.018057	0.000834	0.001247	0.020138	0.018873	0
Statewide Totals	2011	MH	Aggregate	Aggregate	Gasoline	150602.3	1191946.467	1191946	0	15066.25	0	1.745321	0	0.006201	1.751522	0.005844	0	3.24E-05	0.005876	0.003942	0.020301	0.030119	0.006273	0
Statewide Totals	2011	MH	Aggregate	Aggregate	Diesel	29408.7	299296.238	299296.2	0	2940.87	0	2.251448	0	0	2.251448	0.067218	0	0	0.067218	0.00132	0.005073	0.07361	0.070257	0
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Gasoline	54524.06	2261183.497	2261183	0	1090917	0	5.354048	0.0051	0.668315	6.027463	0.009062	0	0.004131	0.013193	0.007478	0.038468	0.059139	0.00973	0
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Diesel	254233.9	9807401.192	9807401	0	3031418	0	96.85533	11.2664	0.24314	108.3649	3.425535	0.152654	0	3.578188	0.032432	0.167719	3.77834	3.580422	0.159556
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Natural Ga	346.8606	15159.67631	15159.68	0	3777.053	0	0.003561	0.002359	0	0.00592	7.05E-06	4.18E-06	0	1.12E-05	5.01E-05	0.000259	0.00032	7.67E-06	4.55E-06
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Gasoline	16507.97	910295.8296	910295.8	0	330291.4	0	1.238038	0.001173	0.158686	1.397897	0.001009	0	0.00025	0.001259	0.00301	0.015554	0.019823	0.001092	0
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Diesel	10874.74	623732.8866	623732.9	0	124914.4	0	8.016993	0.47652	0.00846	8.501973	0.308632	0.006261	0	0.314893	0.002063	0.016178	0.333134	0.322587	0.006545
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Natural Ga	277.4759	16715.6517	16715.65	0	2469.536	0	0.004123	0.000484	0	0.004607	7.95E-06	8.58E-07	0	8.81E-06	5.53E-05	0.000286	0.00035	8.65E-06	9.33E-07
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Gasoline	4476.262	207234.9197	207234.9	0	17905.05	0	0.53082	0.00433	0.011408	0.546558	0.001992	0	8.63E-05	0.002078	0.000457	0.003648	0.006183	0.002122	0
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Diesel	20124.68	435282.9377	435282.9	0	291405.4	0	5.040534	0.796122	0.012695	5.84935	0.198212	0.011866	0	0.210078	0.001439	0.007652	0.21917	0.207174	0.012403
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Natural Ga	952.3169	20271.2664	20271.27	0	13789.55	0	0.023091	0.005616	0	0.028707	8.78E-05	9.95E-06	0	9.77E-05	6.7E-05	0.000362	0.000527	9.55E-05	1.08E-05
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Gasoline	1931.171	180432.0261	180432	0	7724.685	0	0.045014	0	0.008234	0.053248	5.99E-05	0	1.54E-06	6.15E-05	0.000534	0.00724	0.007836	6.52E-05	0
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Diesel	4518.253	440374.6922	440374.7	0	18073.01	0	6.956285	0	0	6.956285	0.007937	0	0	0.007937	0.003809	0.018607	0.030353	0.008296	0
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Electricity	35.44616	761.3824718	0	761.3825	141.7847	1582.024	0	0	0	0	0	0	0	0	2.12E-07	1.16E-06	1.38E-06	0	0
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Natural Ga	5818.81	652587.1967	652587.2	0	23275.24	0	6.86149	0	0	6.86149	0.008222	0	0	0.008222	0.005915	0.027657	0.041794	0.008594	0
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Gasoline	3171.985	222973.7987	222973.8	0	63465.08	0	1.961243	0	0.015826	1.977069	0.001108	0	0.000524	0.001632	0.001229	0.00944	0.0123	0.001174	0
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Diesel	233463.4	33729156.08	33729156	0	3516518	0	477.6818	18.76959	0.930227	497.3816	17.11423	0.337872	0	17.4521	0.329781	1.282606	19.06449	17.88806	0.353149
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Natural Ga	3597.427	248225.5372	248225.5	0	20035.39	0	1.503309	0.042519	0	1.545828	0.002951	2.29E-05	0	0.002974	0.002463	0.016873	0.022309	0.00321	2.49E-05
Statewide Totals	2012	LDA	Aggregate	Aggregate	Gasoline	13123742	448579153.5	4.49E+08	0	61007955	0	113.0281	0	37.42091	150.449	1.066686	0	0.23894	1.305625	0.988948	1.339993	3.634567	1.157466	0
Statewide Totals	2012	LDA	Aggregate	Aggregate	Diesel	78435.2	2370048.053	2370048	0	345197.3	0	1.741885	0	0	1.741885	0.145928	0	0	0.145928	0.005225	0.006941	0.158093	0.152526	0
Statewide Totals	2012	LDA	Aggregate	Aggregate	Electricity	17835.9	502992.3792	0	502992.4	87396.14	194196.6	0	0	0	0	0	0	0	0	0.001109	0.000849	0.001958	0	0
Statewide Totals	2012	LDA	Aggregate	Aggregate	Plug-in Hyb	10478.56	496177.0883	268864.2	227312.9	43328.86	68655.27	0.001983	0	0.005402	0.007385	0.000176	0	3.77E-05	0.000214	0.001094	0.000745	0.002052	0.000191	0
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Gasoline	1495749	44087669.36	44087669	0	6555116	0	28.17014	0	6.052842	34.22299	0.257908	0	0.051961	0.309869	0.097197	0.162867	0.569933	0.278898	0
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Diesel	3576.257	75511.3306	75511.33	0	13594.6	0	0.123631	0	0	0.123631	0.014508	0	0	0.014508	0.000166	0.000299	0.014974	0.015164	0
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Electricity	1252.361	27762.33421	0	27762.33	5661.264	10718.55	0	0	0	0	0	0	0	0	6.12E-05	4.72E-05	0.000108	0	0
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Gasoline	4710186	159856016.2	1.6E+08	0	21936673	0	74.52182	0	23.92674	98.44856	0.394284	0	0.080145	0.474428	0.352422	0.566695	1.393546	0.427376	0
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Diesel	2713.993	110131.2248	110131.2	0	13289.32	0	0.029259	0	0	0.029259	0.002779	0	0	0.002779	0.000243	0.00035	0.003371	0.002905	0
Statewide Totals	2012	LHDT1	Aggregate	Aggregate	Gasoline	517672.7	16320023.97	16320024	0	7712552	0	11.16319	0.023731	5.558415	16.74533	0.051498	0	0.007299	0.058797	0.035979	0.49112	0.585896	0.05592	0
Statewide Totals	2012	LHDT1	Aggregate	Aggregate	Diesel	350284.3	12154325.81	12154326	0	4406135	0	68.61811	1.00241	0	69.62052	1.037342	0.011322	0	1.048665	0.040194	0.365761	1.454619	1.084246	0.011834
Statewide Totals	2012	LHDT2	Aggregate	Aggregate	Gasoline	71494.34	2358378.673	2358379	0	1065159	0	1.338677	0.003293	0.802651	2.14462	0.005601	0	0.000765	0.006365	0.005199	0.082799	0.094364	0.006087	0
Statewide Totals	2012	LHDT2	Aggregate	Aggregate	Diesel	98959.88	3559915.588	3559916	0	1244791	0	17.21364	0.283194	0	17.49683	0.277819	0.003072	0	0.280891	0.011772	0.124984	0.417647	0.290381	0.003211
Statewide Totals	2012	MCY	Aggregate	Aggregate	Gasoline	670051.7	3855921.146	3855921	0	1340103	0	4.01679	0	0.36891	4.3857	0.009059	0	0.008352	0.01741	0.00425	0.017852	0.039513	0.009538	0
Statewide Totals	2012	MDV	Aggregate	Aggregate	Gasoline	3928967	131177813.8	1.31E+08	0	18323341	0	64.95808	0	22.06995	87.02802	0.296119	0	0.06878	0.364899	0.289198	0.467921	1.122018	0.321162	0
Statewide Totals	2012	MDV	Aggregate	Aggregate	Diesel	16392.11	611004.1085	611004.1	0	78133.82	0	0.165985	0	0	0.165985	0.018547	0	0	0.018547	0.001347	0.001963	0.021858	0.019386	0
Statewide Totals	2012	MH	Aggregate	Aggregate	Gasoline	143721.4	1126611.329	1126611	0	14377.89	0	1.557577	0	0.005877	1.563454	0.005176	0	2.85E-05	0.005205	0.003726	0.01919	0.02812	0.005559	0
Statewide Totals	2012	MH	Aggregate	Aggregate	Diesel	29696.33	291774.4062	291774.4	0	2969.633	0	2.160219	0	0	2.160219	0.06478	0	0	0.06478	0.001287	0.004946	0.071012	0.067709	0
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Gasoline	53008.78	2217494.377	2217494	0	1060600	0	4.902156	0.004978	0.639167	5.546301	0.007993	0	0.003645	0.011638	0.007333	0.037716	0.056687	0.008584	0
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Diesel	253766	9752039.566	9752040	0	3021990	0	91.20594	10.93194	0.517182	102.6551	3.236091	0.143258	0	3.37935	0.032249	0.166774	3.578373	3.382413	0.149736
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Natural Ga	431.1716	20558.66243	20558.66	0	4728.908	0	0.004724	0.002912	0	0.007636	9.37E-06	5.16E-06	0	1.45E-05	6.8E-05	0.00035	0.000432	1.02E-05	5.61E-06
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Gasoline	16234.45	883121.9287	883121.9	0	324818.9	0	1.132026	0.001155	0.153521	1.286701	0.000907	0	0.000219	0.001126	0.00292	0.015092	0.019139	0.000982	0
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Diesel	10989.12	619418.7706	619418.8	0	127748.2	0	7.357737	0.476803	0.022328	7.856868	0.279682	0.005726	0	0.285407	0.002048	0.01585	0.303306	0.292328	0.005985
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Natural Ga	315.1374	17765.84985	17765.85	0	2804.723	0	0.004407	0.00055	0	0.004957	8.49E-06	9.75E-07	0	9.46E-06	5.88E-05	0.000304	0.000373	9.23E-06	1.06E-06
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Gasoline	4442.141	206805.3553	206805.4	0	17768.56	0	0.492051	0.004319	0.011461	0.50783	0.001813	0	7.83E-05	0.001891	0.000456	0.00364	0.005987	0.001932	0
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Diesel	20666.78	430998.1935	430998.2	0	299255	0	4.823071	0.806468	0.025617	5.655156	0.148958	0.008694	0	0.157652	0.001425	0.007576	0.166653	0.155693	0.009087
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Natural Ga	1043.219	22247.75086	22247.75	0	15105.82	0	0.025415	0.006152	0	0.031567	9.65E-05	1.09E-05	0	0.000107	7.36E-05	0.000398	0.000579	0.000105	1.19E-05
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Gasoline	2041.117	194799.6075	194799.6	0	8164.467	0	0.05159	0	0.00874	0.06033	5.93E-05	0	1.31E-06	6.07E-05	0.000577	0.00782	0.008457	6.45E-05	0
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Diesel	4139.452	424680.9241	424680.9	0	16557.81	0	6.208412	0	0	6.208412	0.006688	0	0	0.006688	0.003702	0.017984	0.028374	0.006991	0
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Electricity	30.43383	838.2802905	0	838.2803	121.7353	1733.095	0	0	0	0	0	0	0	0	4.6E-07	2.69E-06	3.15E-06	0	0
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Natural Ga	6182.998	678521.3014	678521.3	0	24731.99	0	6.624769	0	0	6.624769	0.008056	0	0	0.008056	0.006126	0.028744	0.042926	0.008421	0
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Gasoline	2795.407	193135.3729	193135.4	0	55930.51	0	1.667352	0	0.018199	1.685551	0.000926	0	0.000429	0.001354	0.001064	0.008125	0.010544	0.000981	0
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Diesel	241346.7	36264800.59	36264801	0	3632540	0	427.8227	18.98203	1.802843	448.6076	14.00027	0.243171	0	14.24344	0.354553	1.333302	15.9313	14.6333	0.254167
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Natural Ga	5088.208	420986.4559	420986.5	0	34924.77	0	1.744106	0.068051	0	1.812157	0.003289	5.67E-05	0	0.003346	0.004177	0.025323	0.032845	0.003577	6.17E-05
Statewide Totals	2013	LDA	Aggregate	Aggregate	Gasoline	13410044	460981225.1	4.61E+08	0	62351338	0	101.4264	0	35.44142	136.8678	0.975691	0	0.222456	1.198147	1.01629	1.375696	3.590133	1.058813	0
Statewide Totals	2013	LDA	Aggregate	Aggregate	Diesel	88978.74	2885155.402	2885155	0	400027.4	0	1.621955	0	0	1.621955	0.132022	0	0	0.132022	0.006361	0.008386	0.146769	0.137992	0
Statewide Totals	2013	LDA	Aggregate	Aggregate	Electricity	33438.28	1013024.471	0	1013024	167521.5	391111.1	0	0	0	0	0	0	0	0	0.002233	0.001705	0.003939	0	0
Statewide Totals	2013	LDA	Aggregate	Aggregate	Plug-in Hyb	28605.45	1342186.432	727292.5	614893.9	118283.5	185716.3	0.005362	0	0.01475	0.020112	0.000633	0	0.000143	0.000776	0.002959	0.002015	0.00575	0.000688	0
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Gasoline	1476705	43684740.63	43684741	0	6465723	0	25.45944	0	5.66311	31.12255	0.232704	0	0.047259	0.279963	0.096308	0.161137	0.537409	0.251708	0
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Diesel	3483.87	74287.4816	74287.48	0	13215.78	0	0.114766	0	0	0.114766	0.013391	0	0	0.013391	0.000164	0.000293	0.013848	0.013997	0
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Electricity	1941.207	51268.08809	0	51268.09	9255.04	19793.71	0	0	0	0	0	0	0	0	0.000113	8.67E-05	0.0002	0	0
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Gasoline	4879351	166070517.3	1.66E+08	0	22705560	0	68.28092	0	22.81412	91.09504	0.367791	0	0.075123	0.442914	0.366123	0.588509	1.397546	0.398744	0
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Diesel	4736.54	195748.8037	195748.8	0	23397.25	0	0.036959	0	0	0.036959	0.003666	0	0	0.003666	0.000432	0.00063	0.004727	0.003831	0
Statewide Totals	2013	LHDT1	Aggregate	Aggregate	Gasoline	505638.4	15771483.29	15771483	0	7533259	0	10.15908	0.023221	5.564543	15.74684	0.046822	0	0.00677	0.053593	0.03477	0.474613	0.562975	0.050841	0
Statewide Totals	2013	LHDT1	Aggregate	Aggregate	Diesel	353355.5	12090778.73	12090779	0	4444768	0	65.05757	1.011199	0	66.06877	0.999251	0.011266	0	1.010517	0.039983	0.363849	1.41435	1.044433	0.011776
Statewide Totals	2013	LHDT2	Aggregate	Aggregate	Gasoline	72174.73	2366545.839	2366546	0	1075296	0	1.241239	0.00333	0.824929	2.069499	0.005208	0	0.000718	0.005926	0.005217	0.083086	0.09423	0.005659	0
Statewide Totals	2013	LHDT2	Aggregate	Aggregate	Diesel	102565.7	3655054.316	3655054	0	1290147	0	16.42252	0.293513	0	16.71603	0.269784	0.003147	0	0.272931	0.012087	0.128324	0.413342	0.281982	0.003289
Statewide Totals	2013	MCY	Aggregate	Aggregate	Gasoline	682412.9	3886121.403	3886121	0	1364826	0	3.832905	0	0.359487	4.192392	0.008714	0	0.008169	0.016884	0.004284	0.017992	0.039159	0.009184	0
Statewide Totals	2013	MDV	Aggregate	Aggregate	Gasoline	3902869	128720456.4	1.29E+08	0	18094512	0	60.69793	0	21.21201	81.90994	0.274127	0	0.064079	0.338205	0.28378	0.461623	1.083608	0.297343	0
Statewide Totals	2013	MDV	Aggregate	Aggregate	Diesel	19490.27	739725.2108	739725.2	0	93519.78	0	0.16368	0	0	0.16368	0.01774	0	0	0.01774	0.001631	0.002375	0.021747	0.018543	0
Statewide Totals	2013	MH	Aggregate	Aggregate	Gasoline	137880.4	1067481.807	1067482	0	13793.55	0	1.39322	0	0.005625	1.398845	0.004628	0	2.56E-05	0.004654	0.00353	0.018183	0.026367	0.004971	0
Statewide Totals	2013	MH	Aggregate	Aggregate	Diesel	30228.26	289755.1446	289755.1	0	3022.826	0	2.072269	0	0	2.072269	0.061856	0	0	0.061856	0.001278	0.004912	0.068045	0.064653	0
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Gasoline	53141	2266493.528	2266494	0	1063245	0	4.487732	0.005015	0.627158	5.119905	0.007133	0	0.003244	0.010377	0.007495	0.038531	0.056403	0.007663	0
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Diesel	255742.9	10529118.51	10529119	0	3041833	0	91.52829	10.70013	0.807817	103.0362	2.859746	0.102023	0	2.961769	0.034819	0.180057	3.176645	2.989051	0.106636
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Natural Ga	470.2542	23380.15482	23380.15	0	5068.508	0	0.005414	0.003202	0	0.008616	1.07E-05	5.67E-06	0	1.64E-05	7.73E-05	0.000398	0.000491	1.16E-05	6.17E-06
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Gasoline	16794.24	909555.9951	909556	0	336019.2	0	1.049479	0.001196	0.156844	1.20752	0.000857	0	0.000205	0.001062	0.003008	0.015546	0.019616	0.000928	0
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Diesel	9923.08	667309.3992	667309.4	0	117080.5	0	7.124996	0.425645	0.036782	7.587423	0.265177	0.004663	0	0.26984	0.002207	0.016854	0.288901	0.277167	0.004874
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Natural Ga	316.4831	20486.75887	20486.76	0	2816.699	0	0.005302	0.000552	0	0.005854	1.01E-05	9.79E-07	0	1.11E-05	6.77E-05	0.000353	0.000432	1.1E-05	1.06E-06
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Gasoline	4118.445	185981.7428	185981.7	0	16473.78	0	0.234022	0.004119	0.01104	0.249181	0.000468	0	1.78E-05	0.000486	0.00041	0.003285	0.004181	0.000507	0
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Diesel	20843.82	456730.5638	456730.6	0	301818.6	0	4.87674	0.804913	0.032902	5.714555	0.113669	0.006063	0	0.119732	0.00151	0.008024	0.129267	0.118809	0.006337
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Natural Ga	1449.245	32774.69876	32774.7	0	20985.07	0	0.038226	0.008546	0	0.046772	0.000143	1.51E-05	0	0.000159	0.000108	0.000587	0.000854	0.000156	1.65E-05
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Gasoline	2223.654	206040.2848	206040.3	0	8894.615	0	0.054551	0	0.00951	0.064062	5.79E-05	0	1.36E-06	5.93E-05	0.000613	0.00829	0.008962	6.3E-05	0
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Diesel	4022.614	401958.5948	401958.6	0	16090.46	0	5.519149	0	0	5.519149	0.005971	0	0	0.005971	0.00354	0.017031	0.026541	0.006241	0

Statewide Totals	2013	UBUS	Aggregate	Aggregate	Electricity	52.00137	3286.999329	0	3286.999	208.0055	6819.67	0	0	0	0	0	0	0	0	2.57E-05	5.84E-05	8.41E-05	0	0
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Natural Ga	6951.731	776091.1561	776091.2	0	27806.92	0	6.355431	0	0	6.355431	0.007633	0	0	0.007633	0.007019	0.032881	0.047533	0.007978	0
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Gasoline	1760.058	121433.328	121433.3	0	35215.25	0	0.987776	0	0.011928	0.999704	0.00056	0	0.000259	0.000819	0.000669	0.004958	0.006447	0.000593	0
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Diesel	250724.3	36387810.18	36387810	0	3824767	0	364.0178	21.24585	2.812037	388.0757	8.75352	0.159014	0	8.912533	0.355749	1.293928	10.56221	9.149315	0.166204
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Natural Ga	5860.804	465616.4848	465616.5	0	40532.46	0	1.724639	0.079141	0	1.803779	0.003202	6.77E-05	0	0.00327	0.004619	0.027827	0.035716	0.003483	7.36E-05
Statewide Totals	2014	LDA	Aggregate	Aggregate	Gasoline	13609448	474015888.9	4.74E+08	0	63353029	0	89.83475	0	33.35106	123.1858	0.906067	0	0.20334	1.109407	1.045027	1.413676	3.568109	0.983709	0
Statewide Totals	2014	LDA	Aggregate	Aggregate	Diesel	101287.5	3519654.742	3519655	0	464670.1	0	1.452089	0	0	1.452089	0.118033	0	0	0.118033	0.00776	0.010177	0.13597	0.12337	0
Statewide Totals	2014	LDA	Aggregate	Aggregate	Electricity	47974.55	1553812.897	0	1553813	245094.6	599900	0	0	0	0	0	0	0	0	0.003426	0.002611	0.006036	0	0
Statewide Totals	2014	LDA	Aggregate	Aggregate	Plug-in Hyb	55087.52	2577512.32	1396680	1180832	227786.9	356646.5	0.010289	0	0.028407	0.038696	0.00156	0	0.000363	0.001924	0.005682	0.00387	0.011477	0.001697	0
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Gasoline	1443741	43518043.86	43518044	0	6348191	0	21.96137	0	5.225243	27.18661	0.198878	0	0.039592	0.23847	0.095941	0.160005	0.494417	0.21555	0
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Diesel	3117.533	64951.89225	64951.89	0	11665.16	0	0.098901	0	0	0.098901	0.011623	0	0	0.011623	0.000143	0.000258	0.012024	0.012148	0
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Electricity	2821.778	81848.2791	0	81848.28	13827.27	31600.19	0	0	0	0	0	0	0	0	0.00018	0.000138	0.000318	0	0
Statewide Totals	2014	LDT2	Aggregate	Aggregate	Gasoline	5024240	172405408.2	1.72E+08	0	23359456	0	62.6026	0	21.70357	84.30616	0.352296	0	0.071587	0.423883	0.380089	0.610427	1.4144	0.382061	0
Statewide Totals	2014	LDT2	Aggregate	Aggregate	Diesel	7801.605	333103.0947	333103.1	0	38994.4	0	0.042256	0	0	0.042256	0.004268	0	0	0.004268	0.000734	0.001068	0.00607	0.004461	0
Statewide Totals	2014	LHDT1	Aggregate	Aggregate	Gasoline	507192	15396337.7	15396338	0	7556404	0	9.868185	0.023273	5.648405	15.53986	0.050952	0	0.009297	0.06025	0.033943	0.463324	0.557516	0.055052	0
Statewide Totals	2014	LHDT1	Aggregate	Aggregate	Diesel	355201.8	12042363.28	12042363	0	4467992	0	61.9548	1.016482	0	62.97128	0.967394	0.011196	0	0.97859	0.039823	0.362392	1.380805	1.011136	0.011702
Statewide Totals	2014	LHDT2	Aggregate	Aggregate	Gasoline	72173.24	2385260.2	2385260	0	1075274	0	1.131627	0.003338	0.839847	1.974812	0.004708	0	0.000633	0.00534	0.005259	0.083743	0.094342	0.005119	0
Statewide Totals	2014	LHDT2	Aggregate	Aggregate	Diesel	106587.1	3815020.941	3815021	0	1340731	0	15.75932	0.305021	0	16.06434	0.262873	0.003228	0	0.266101	0.012616	0.13394	0.412657	0.274759	0.003374
Statewide Totals	2014	MCY	Aggregate	Aggregate	Gasoline	695041.2	3951333.495	3951333	0	1390082	0	3.689442	0	0.349189	4.038631	0.00868	0	0.008183	0.016862	0.004356	0.018294	0.039512	0.009159	0
Statewide Totals	2014	MDV	Aggregate	Aggregate	Gasoline	4030858	132836138.1	1.33E+08	0	18606456	0	58.43514	0	20.79891	79.23405	0.272156	0	0.063422	0.335577	0.292854	0.477052	1.105483	0.295145	0
Statewide Totals	2014	MDV	Aggregate	Aggregate	Diesel	24823.26	978373.4696	978373.5	0	120509.9	0	0.173431	0	0	0.173431	0.017439	0	0	0.017439	0.002157	0.003115	0.022711	0.018227	0
Statewide Totals	2014	MH	Aggregate	Aggregate	Gasoline	134225.3	1044461.016	1044461	0	13427.9	0	1.26963	0	0.005461	1.275091	0.004162	0	2.25E-05	0.004184	0.003454	0.017788	0.025427	0.004473	0
Statewide Totals	2014	MH	Aggregate	Aggregate	Diesel	30745.79	288614.8497	288614.8	0	3074.579	0	2.004098	0	0	2.004098	0.0596	0	0	0.0596	0.001273	0.004893	0.065766	0.062295	0
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Gasoline	53737.13	2351513.164	2351513	0	1075173	0	4.290561	0.005097	0.621615	4.917273	0.006432	0	0.002763	0.009195	0.007776	0.039955	0.056927	0.006919	0
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Diesel	258616	10571552.85	10571553	0	3071193	0	85.05517	10.4151	1.07706	96.54733	2.538499	0.092032	0	2.630531	0.034959	0.180783	2.846273	2.653278	0.096193
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Natural Ga	579.112	28373.8475	28373.85	0	6126.33	0	0.006565	0.003979	0	0.010545	1.29E-05	7.05E-06	0	1.99E-05	9.38E-05	0.000482	0.000596	1.4E-05	7.67E-06
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Gasoline	16239.46	837667.0682	837667.1	0	324919.2	0	1.001418	0.001154	0.153439	1.156011	0.000844	0	0.000199	0.001043	0.00277	0.014322	0.018135	0.000915	0
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Diesel	10000.01	673142.4479	673142.4	0	119052.5	0	6.79221	0.409963	0.045744	7.247917	0.280833	0.004597	0	0.28543	0.002226	0.016709	0.304364	0.293531	0.004805
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Natural Ga	241.0919	17723.31169	17723.31	0	2145.718	0	0.004482	0.000421	0	0.004902	8.62E-06	7.46E-07	0	9.36E-06	5.86E-05	0.000305	0.000372	9.37E-06	8.11E-07
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Gasoline	4248.627	195985.3348	195985.3	0	16994.51	0	0.224581	0.004259	0.011473	0.240313	0.000445	0	1.68E-05	0.000462	0.000432	0.003457	0.004351	0.000483	0
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Diesel	20573.83	451812.8791	451812.9	0	297909.1	0	4.693863	0.775589	0.040096	5.509548	0.028089	0.001419	0	0.029508	0.001494	0.007934	0.038937	0.029359	0.001483
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Natural Ga	1592.656	39906.77565	39906.78	0	23061.65	0	0.047046	0.009392	0	0.056438	0.000175	1.66E-05	0	0.000192	0.000132	0.000716	0.00104	0.000191	1.81E-05
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Gasoline	2150.302	199571.8632	199571.9	0	8601.209	0	0.051304	0	0.009312	0.060616	6E-05	0	1.33E-06	6.13E-05	0.000592	0.008017	0.00867	6.52E-05	0
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Diesel	3857.957	348720.64	348720.6	0	15431.08	0	4.209243	0	0	4.209243	0.004768	0	0	0.004768	0.003005	0.014779	0.022552	0.004984	0
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Electricity	51.27663	1302.002087	0	1302.002	205.1065	2619.237	0	0	0	0	0	0	0	0	4.95E-06	1.61E-05	2.1E-05	0	0
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Natural Ga	7085.464	775329.611	775329.6	0	28338.6	0	5.673116	0	0	5.673116	0.006617	0	0	0.006617	0.006994	0.032855	0.046465	0.006916	0
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Gasoline	870.251	26364.46475	26364.46	0	17411.98	0	0.389817	0	0.010053	0.39987	0.000373	0	0.000186	0.000559	0.000145	0.001127	0.001831	0.000394	0
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Diesel	262464	36298335.29	36298335	0	4036940	0	313.1524	22.94337	3.982878	340.0787	7.208446	0.135914	0	7.34436	0.354864	1.253372	8.952597	7.53438	0.14206
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Natural Ga	7179.477	534874.4976	534874.5	0	50924.97	0	1.761642	0.098732	0	1.860374	0.003123	8.94E-05	0	0.003213	0.005306	0.03178	0.040299	0.003397	9.72E-05
Statewide Totals	2015	LDA	Aggregate	Aggregate	Gasoline	13950023	501705189.7	5.02E+08	0	65070535	0	80.52157	0	31.44711	111.9687	0.894422	0	0.19245	1.086872	1.106071	1.495106	3.68805	0.971478	0
Statewide Totals	2015	LDA	Aggregate	Aggregate	Diesel	115310.4	4249858.175	4249858	0	535913.2	0	1.374358	0	0	1.374358	0.109322	0	0	0.109322	0.009369	0.012286	0.130977	0.114265	0
Statewide Totals	2015	LDA	Aggregate	Aggregate	Electricity	84849.81	2819833.668	0	2819834	433444.4	1088689	0	0	0	0	0	0	0	0	0.006217	0.004738	0.010955	0	0
Statewide Totals	2015	LDA	Aggregate	Aggregate	Plug-in Hyb	76002.82	3575822.64	1937636	1638186	314271.6	494781.1	0.014259	0	0.039208	0.053467	0.002489	0	0.000584	0.003073	0.007883	0.005369	0.016326	0.002707	0
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Gasoline	1517351	48349819.81	48349820	0	6731863	0	20.42332	0	4.986723	25.41004	0.194172	0	0.037706	0.231879	0.106593	0.175026	0.513498	0.210553	0
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Diesel	2920.421	58556.69684	58556.7	0	10634.27	0	0.090372	0	0	0.090372	0.011108	0	0	0.011108	0.000129	0.000235	0.011472	0.011611	0
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Electricity	2711.937	77608.89158	0	77608.89	13128.83	29963.44	0	0	0	0	0	0	0	0	0.000171	0.000131	0.000302	0	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Gasoline	5118411	178399337.1	1.78E+08	0	23711718	0	59.76113	0	21.03929	80.80042	0.350038	0	0.069378	0.419416	0.393304	0.633931	1.446651	0.3799	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Diesel	14053.27	592493.1615	592493.2	0	68855.82	0	0.104143	0	0	0.104143	0.011863	0	0	0.011863	0.001306	0.001909	0.015078	0.012399	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Electricity	874.96	25159.02465	0	25159.02	4238.921	9713.46	0	0	0	0	0	0	0	0	5.55E-05	4.25E-05	9.79E-05	0	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Plug-in Hyb	164.1638	7944.072038	4304.666	3639.406	678.8173	1099.209	3.18E-05	0	8.48E-05	0.000117	7.64E-06	0	1.8E-06	9.44E-06	1.75E-05	1.19E-05	3.89E-05	8.31E-06	0
Statewide Totals	2015	LHDT1	Aggregate	Aggregate	Gasoline	498888.9	15600575.75	15600576	0	7432701	0	9.199178	0.022938	5.665444	14.88756	0.046927	0	0.008112	0.055038	0.034393	0.46947	0.558902	0.050751	0
Statewide Totals	2015	LHDT1	Aggregate	Aggregate	Diesel	362293.3	12577307.97	12577308	0	4557194	0	59.99064	1.036776	0	61.02741	0.953078	0.011278	0	0.964356	0.041592	0.37849	1.384438	0.996172	0.011788
Statewide Totals	2015	LHDT2	Aggregate	Aggregate	Gasoline	72058.78	2429698.286	2429698	0	1073568	0	1.083515	0.003336	0.844764	1.931615	0.004629	0	0.000602	0.005232	0.005357	0.085303	0.095891	0.005033	0
Statewide Totals	2015	LHDT2	Aggregate	Aggregate	Diesel	114007.5	4229901.015	4229901	0	1434071	0	15.48391	0.326256	0	15.81017	0.265376	0.00343	0	0.268806	0.013988	0.148506	0.4313	0.277375	0.003585
Statewide Totals	2015	MCY	Aggregate	Aggregate	Gasoline	721328.6	4186368.783	4186369	0	1442657	0	3.708479	0	0.346476	4.054955	0.00907	0	0.008117	0.017187	0.004615	0.019382	0.041183	0.009587	0
Statewide Totals	2015	MDV	Aggregate	Aggregate	Gasoline	4011877	135015635.3	1.35E+08	0	18474776	0	53.70833	0	19.32254	73.03087	0.267013	0	0.060278	0.327292	0.297659	0.484446	1.109396	0.289503	0
Statewide Totals	2015	MDV	Aggregate	Aggregate	Diesel	42733.95	1775250.962	1775251	0	210109.6	0	0.305687	0	0	0.305687	0.021725	0	0	0.021725	0.003914	0.005623	0.031261	0.022707	0
Statewide Totals	2015	MDV	Aggregate	Aggregate	Electricity	416.8482	8597.773335	0	8597.773	1832.992	3319.45	0	0	0	0	0	0	0	0	1.9E-05	1.47E-05	3.37E-05	0	0
Statewide Totals	2015	MH	Aggregate	Aggregate	Gasoline	126227.6	1013798.744	1013799	0	12627.81	0	1.106572	0	0.005102	1.111673	0.003436	0	1.67E-05	0.003453	0.003353	0.017264	0.02407	0.003703	0
Statewide Totals	2015	MH	Aggregate	Aggregate	Diesel	32379.82	308962.8166	308962.8	0	3237.982	0	2.021405	0	0	2.021405	0.059411	0	0	0.059411	0.001362	0.005239	0.066013	0.062098	0
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Gasoline	54004.99	2434917.869	2434918	0	1080532	0	4.103436	0.005143	0.612551	4.721131	0.005998	0	0.002438	0.008435	0.008052	0.041355	0.057843	0.006457	0
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Diesel	264588.1	10561669.86	10561670	0	3142075	0	77.37903	10.19789	1.397467	88.97439	2.293389	0.084961	0	2.37835	0.034927	0.180615	2.593892	2.397086	0.088802
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Natural Ga	682.2433	32619.08443	32619.08	0	7145.295	0	0.007552	0.004719	0	0.012271	1.48E-05	8.36E-06	0	2.32E-05	0.000108	0.000554	0.000685	1.61E-05	9.1E-06
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Gasoline	16501.11	849354.3321	849354.3	0	330154.3	0	0.947587	0.001174	0.155175	1.103936	0.000825	0	0.000193	0.001018	0.002809	0.014521	0.018348	0.000894	0
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Diesel	10459.12	670351.7441	670351.7	0	122419.2	0	6.247369	0.389328	0.056087	6.692783	0.261338	0.004252	0	0.26559	0.002217	0.016474	0.28428	0.273154	0.004445
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Natural Ga	310.6692	20046.44206	20046.44	0	2764.956	0	0.005152	0.000542	0	0.005694	9.84E-06	9.61E-07	0	1.08E-05	6.63E-05	0.000345	0.000422	1.07E-05	1.05E-06
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Gasoline	6709.322	318562.4043	318562.4	0	26837.29	0	0.562069	0.006623	0.017259	0.585952	0.002053	0	8.65E-05	0.002139	0.000702	0.005618	0.008459	0.002188	0
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Diesel	20136.39	449005.6779	449005.7	0	291574.9	0	4.524892	0.745203	0.046629	5.316725	0.027321	0.001319	0	0.02864	0.001485	0.007884	0.038009	0.028557	0.001378
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Natural Ga	1602.942	42442.0822	42442.08	0	23210.59	0	0.050041	0.009452	0	0.059494	0.000187	1.68E-05	0	0.000203	0.00014	0.000761	0.001105	0.000203	1.82E-05
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Gasoline	2286.157	208552.9061	208552.9	0	9144.629	0	0.052314	0	0.009606	0.06192	7.48E-05	0	1.63E-06	7.64E-05	0.000607	0.008299	0.008982	8.14E-05	0
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Diesel	3918.485	398234.0869	398234.1	0	15673.94	0	3.96504	0	0	3.96504	0.005094	0	0	0.005094	0.003477	0.016878	0.025449	0.005324	0
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Electricity	56.10389	3339.86722	0	3339.867	224.4156	6569.03	0	0	0	0	0	0	0	0	1.91E-05	5.87E-05	7.78E-05	0	0
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Natural Ga	6864.132	754515.3035	754515.3	0	27456.53	0	4.530571	0	0	4.530571	0.005109	0	0	0.005109	0.006762	0.03194	0.043811	0.00534	0
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Gasoline	483.441	20532.49305	20532.49	0	9672.688	0	0.266259	0	0.005354	0.271613	0.000185	0	7.82E-05	0.000263	0.000113	0.000858	0.001234	0.000196	0
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Diesel	268393.3	38160747.84	38160748	0	4167285	0	280.7102	23.92464	5.188838	309.8236	6.166751	0.11257	0	6.279321	0.373061	1.282251	7.934633	6.445584	0.11766
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Natural Ga	8481.312	647147.6369	647147.6	0	61958.16	0	1.899304	0.119065	0	2.018369	0.003226	0.000114	0	0.00334	0.00642	0.037637	0.047397	0.003508	0.000124
Statewide Totals	2016	LDA	Aggregate	Aggregate	Gasoline	13947603	537137077.2	5.37E+08	0	65141591	0	73.43249	0	29.24101	102.6735	0.924126	0	0.180989	1.105115	1.184185	1.597552	3.886853	1.004216	0
Statewide Totals	2016	LDA	Aggregate	Aggregate	Diesel	107641.1	4124057.333	4124057	0	496837.9	0	1.293242	0	0	1.293242	0.100171	0	0	0.100171	0.009092	0.011973	0.121235	0.1047	0
Statewide Totals	2016	LDA	Aggregate	Aggregate	Electricity	121982.8	4286578.99	0	4286579	621332.6	1654973	0	0	0	0	0	0	0	0	0.00945	0.007206	0.016657	0	0
Statewide Totals	2016	LDA	Aggregate	Aggregate	Plug-in Hyb	92681.65	4570030.501	2476369	2093661	383238.6	632348.2	0.018192	0	0.047826	0.066019	0.003607	0	0.000814	0.004421	0.010075	0.006858	0.021354	0.003923	0
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Gasoline	1517822	52647459.69	52647460	0	6776157	0	19.01402	0	4.581046	23.59507	0.191023	0	0.034466	0.225489	0.116068	0.188569	0.530125	0.207311	0
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Diesel	2389.411	47860.58191	47860.58	0	8487.692	0	0.076883	0	0	0.076883	0.009447	0	0	0.009447	0.000106	0.000195	0.009748	0.009874	0
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Electricity	2448.043	72546.37041	0	72546.37	11771.33	28008.89	0	0	0	0	0	0	0	0	0.00016	0.000123	0.000283	0	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Gasoline	4986778	184223198.1	1.84E+08	0	23042597	0	55.66417	0	19.08525	74.74942	0.351984	0	0.065079	0.417063	0.406143	0.654594	1.4778	0.382187	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Diesel	14942.77	669978.4341	669978.4	0	73429.67	0	0.091054	0	0	0.091054	0.010457	0	0	0.010457	0.001477	0.002162	0.014096	0.01093	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Electricity	729.7711	22152.99874	0	22153	3546.046	8552.886	0	0	0	0	0	0	0	0	4.88E-05	3.74E-05	8.63E-05	0	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Plug-in Hyb	607.5895	31043.90387	16821.8	14222.1	2512.383	4295.498	0.000124	0	0.000314	0.000438	3.31E-05	0	7.45E-06	4.06E-05	6.84E-05	4.65E-05	0.000156	3.6E-05	0
Statewide Totals	2016	LHDT1	Aggregate	Aggregate	Gasoline	500619.2	17179773.47	17179773	0	7458481	0	9.01861	0.022994	5.785279	14.82688	0.046665	0	0.007174	0.053839	0.037875	0.516993	0.608707	0.050523	0
Statewide Totals	2016	LHDT1	Aggregate	Aggregate	Diesel	381350.7	14383013.8	14383014	0	4796912	0	61.04082	1.083853	0	62.12467	0.984425	0.011731	0	0.996157	0.047564	0.432829	1.47655	1.028937	0.012262
Statewide Totals	2016	LHDT2	Aggregate	Aggregate	Gasoline	69082.32	2388610.153	2388610	0	1029224	0	1.07989	0.003195	0.820811	1.903896	0.004628	0	0.000575	0.005203	0.005266	0.083861	0.094329	0.005032	0
Statewide Totals	2016	LHDT2	Aggregate	Aggregate	Diesel	119965.3	4721699.251	4721699	0	1509013	0	15.74122	0.341452	0	16.08267	0.274207	0.003584	0	0.277791	0.015614	0.165772	0.459178	0.286605	0.003746
Statewide Totals	2016	MCY	Aggregate	Aggregate	Gasoline	724849.5	4485487.33	4485487	0	1449699	0	3.774822	0	0.329475	4.104297	0.009366	0	0.007303	0.01667	0.004944	0.020766	0.042381	0.009921	0
Statewide Totals	2016	MDV	Aggregate	Aggregate	Gasoline	3705270	129735887.5	1.3E+08	0	16905474	0	52.49585	0	18.07622	70.57207	0.270437	0	0.057335	0.327772	0.286019	0.46887	1.082661	0.293328	0
Statewide Totals	2016	MDV	Aggregate	Aggregate	Diesel	50606	2233881.45	2233881	0	248798.6	0	0.333515	0	0	0.333515	0.023122	0	0	0.023122	0.004925	0.007105	0.035152	0.024167	0
Statewide Totals	2016	MDV	Aggregate	Aggregate	Electricity	391.7573	8149.875848	0	8149.876	1694.647	3146.525	0	0	0	0	0	0	0	0	1.8E-05	1.4E-05	3.19E-05	0	0
Statewide Totals	2016	MDV	Aggregate	Aggregate	Plug-in Hyb	2145.533	109181.8589	59162.53	50019.33	8871.777	15107.33	0.000433	0	0.001107	0.001541	0.00012	0	2.74E-05	0.000148	0.000241	0.000163	0.000551	0.000131	0
Statewide Totals	2016	MH	Aggregate	Aggregate	Gasoline	117255.7	1006197.127	1006197	0	11730.26	0	0.954542	0	0.004783	0.959325	0.002668	0	9.92E-06	0.002678	0.003327	0.01713	0.023136	0.00289	0
Statewide Totals	2016	MH	Aggregate	Aggregate	Diesel	32700.97	323425.4673	323425.5	0	3270.097	0	2.058821	0	0	2.058821	0.060437	0	0	0.060437	0.001426	0.005484	0.067347	0.06317	0
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Gasoline	56371.22	2811903.722	2811904	0	1127875	0	4.041879	0.005399	0.626644	4.673922	0.005917	0	0.002095	0.008012	0.009299	0.047725	0.065036	0.00638	0
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Diesel	270110.3	11122009.85	11122010	0	3205899	0	73.68228	9.924616	1.772439	85.37934	2.158971	0.077193	0	2.236165	0.03678	0.190197	2.463142	2.25659	0.080684
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Natural Ga	820.8753	39778.73959	39778.74	0	8456.797	0	0.009169	0.005737	0	0.014906	1.88E-05	1.02E-05	0	2.9E-05	0.000132	0.000677	0.000837	2.05E-05	1.11E-05
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Gasoline	15854.2	848355.5667	848355.6	0	317210.9	0	0.906981	0.00113	0.148514	1.056624	0.000793	0	0.000153	0.000946	0.002805	0.014504	0.018256	0.00086	0
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Diesel	10623.81	704352.6544	704352.7	0	124412.7	0	5.959904	0.365157	0.073758	6.398819	0.254379	0.003939	0	0.258318	0.002329	0.017064	0.277712	0.265881	0.004117
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Natural Ga	346.0728	22991.23964	22991.24	0	3080.048	0	0.00598	0.000604	0	0.006584	1.16E-05	1.07E-06	0	1.27E-05	7.6E-05	0.000396	0.000485	1.26E-05	1.16E-06
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Gasoline	5648.847	287023.6671	287023.7	0	22595.39	0	0.548819	0.005564	0.01494	0.569323	0.001923	0	7.57E-05	0.001998	0.000633	0.00506	0.007691	0.00205	0
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Diesel	21683.62	466156.3207	466156.3	0	313978.9	0	4.54389	0.777614	0.059116	5.38062	0.028143	0.001396	0	0.029539	0.001542	0.008184	0.039265	0.029416	0.001459
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Natural Ga	1976.446	51668.00789	51668.01	0	28618.93	0	0.059491	0.011655	0	0.071146	0.000225	2.07E-05	0	0.000246	0.000171	0.000925	0.001342	0.000245	2.25E-05
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Gasoline	2874.055	248250.037	248250	0	11496.22	0	0.052725	0	0.011604	0.06433	0.000122	0	2.36E-06	0.000125	0.000698	0.009719	0.010542	0.000133	0
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Diesel	4185.354	431775.5405	431775.5	0	16741.41	0	3.639477	0	0	3.639477	0.005975	0	0	0.005975	0.003696	0.018233	0.027905	0.006246	0
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Electricity	49.81123	2525.64205	0	2525.642	199.2449	5189.819	0	0	0	0	0	0	0	0	9.4E-06	4.11E-05	5.05E-05	0	0
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Natural Ga	7295.496	794561.1602	794561.2	0	29181.98	0	3.782948	0	0	3.782948	0.004136	0	0	0.004136	0.006995	0.033612	0.044743	0.004323	0
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Gasoline	638.8995	21130.71482	21130.71	0	12783.1	0	0.28569	0	0.008529	0.294219	0.000241	0	0.000111	0.000351	0.000116	0.00088	0.001348	0.000255	0
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Diesel	274958.2	40169431.95	40169432	0	4302856	0	258.4256	24.61049	6.360186	289.3963	5.212156	0.089312	0	5.301468	0.392694	1.321832	7.015994	5.447826	0.093351

Statewide Totals	2017	HHDT	Aggregate	Aggregate	Natural Ga	9660.106	752825.8603	752825.9	0	71365.01	0	1.949028	0.136254	0	2.085282	0.003242	0.000141	0	0.003383	0.007469	0.043168	0.05402	0.003526	0.000153
Statewide Totals	2017	LDA	Aggregate	Aggregate	Gasoline	14039797	522168808.9	5.22E+08	0	65699640	0	59.59438	0	27.13025	86.72463	0.876627	0	0.173142	1.049769	1.151186	1.55117	3.752126	0.952937	0
Statewide Totals	2017	LDA	Aggregate	Aggregate	Diesel	69213.45	2239072.433	2239072	0	305036.4	0	1.053823	0	0	1.053823	0.079434	0	0	0.079434	0.004936	0.006576	0.090946	0.083026	0
Statewide Totals	2017	LDA	Aggregate	Aggregate	Electricity	159245.5	5584437.255	0	5584437	809104.5	2156054	0	0	0	0	0	0	0	0	0.012312	0.009392	0.021703	0	0
Statewide Totals	2017	LDA	Aggregate	Aggregate	Plug-in Hyb	133639	6306044.146	3417065	2888979	552597.1	872557.7	0.025097	0	0.068971	0.094068	0.005838	0	0.001388	0.007226	0.013902	0.009463	0.030592	0.00635	0
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Gasoline	1521399	50202272.56	50202273	0	6771081	0	16.64759	0	4.410398	21.05799	0.172395	0	0.03276	0.205156	0.110677	0.180495	0.496328	0.187172	0
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Diesel	2534.799	49275.68944	49275.69	0	8985.517	0	0.074612	0	0	0.074612	0.009203	0	0	0.009203	0.000109	0.000199	0.009511	0.009619	0
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Electricity	2171.332	60500.66249	0	60500.66	10204.98	23358.25	0	0	0	0	0	0	0	0	0.000133	0.000103	0.000236	0	0
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Plug-in Hyb	19.15487	948.4148877	513.9189	434.4959	79.20539	131.2307	3.8E-06	0	9.93E-06	1.37E-05	1.13E-06	0	2.64E-07	1.39E-06	2.09E-06	1.42E-06	4.9E-06	1.23E-06	0
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Gasoline	5407712	195153404.9	1.95E+08	0	25120590	0	48.11812	0	18.4313	66.54942	0.361808	0	0.068214	0.430023	0.43024	0.686709	1.546972	0.393112	0
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Diesel	16702.82	704904.4049	704904.4	0	81500.26	0	0.091429	0	0	0.091429	0.010944	0	0	0.010944	0.001554	0.002283	0.014781	0.011439	0
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Electricity	694.1115	18851.30059	0	18851.3	3274.306	7278.158	0	0	0	0	0	0	0	0	4.16E-05	3.19E-05	7.35E-05	0	0
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Plug-in Hyb	737.1348	34853.87435	18886.32	15967.56	3048.052	4822.678	0.000139	0	0.000381	0.00052	3.72E-05	0	9.08E-06	4.63E-05	7.68E-05	5.22E-05	0.000175	4.05E-05	0
Statewide Totals	2017	LHDT1	Aggregate	Aggregate	Gasoline	548014	19075611.57	19075612	0	8164593	0	8.124934	0.025072	6.414152	14.56416	0.043483	0	0.006264	0.049747	0.042055	0.574044	0.665846	0.047147	0
Statewide Totals	2017	LHDT1	Aggregate	Aggregate	Diesel	395440.7	14437838.27	14437838	0	4974147	0	55.03115	1.10909	0	56.14024	0.899548	0.012086	0	0.911634	0.047745	0.434479	1.393859	0.940222	0.012633
Statewide Totals	2017	LHDT2	Aggregate	Aggregate	Gasoline	77394.04	2649365.363	2649365	0	1153056	0	1.019034	0.003567	0.913317	1.935918	0.004635	0	0.000575	0.00521	0.005841	0.093016	0.104066	0.005039	0
Statewide Totals	2017	LHDT2	Aggregate	Aggregate	Diesel	127697	4850526.558	4850527	0	1606268	0	14.45747	0.35775	0	14.81522	0.256503	0.003802	0	0.260305	0.01604	0.170295	0.446641	0.268101	0.003974
Statewide Totals	2017	MCY	Aggregate	Aggregate	Gasoline	712947.7	4175209.429	4175209	0	1425895	0	3.383731	0	0.309481	3.693211	0.008877	0	0.007143	0.016019	0.004602	0.01933	0.039952	0.009415	0
Statewide Totals	2017	MDV	Aggregate	Aggregate	Gasoline	4251623	146486815.6	1.46E+08	0	19543386	0	46.67378	0	17.76958	64.44336	0.278428	0	0.059422	0.337851	0.322948	0.521712	1.182511	0.302212	0
Statewide Totals	2017	MDV	Aggregate	Aggregate	Diesel	49970.93	2059917.472	2059917	0	243613.6	0	0.295045	0	0	0.295045	0.021299	0	0	0.021299	0.004541	0.006676	0.032516	0.022262	0
Statewide Totals	2017	MDV	Aggregate	Aggregate	Electricity	399.9268	8129.677357	0	8129.677	1734.656	3138.726	0	0	0	0	0	0	0	0	1.79E-05	1.39E-05	3.18E-05	0	0
Statewide Totals	2017	MDV	Aggregate	Aggregate	Plug-in Hyb	4703.243	225486.9048	122184.9	103302	19447.91	31200.28	0.000893	0	0.00243	0.003323	0.000255	0	6.22E-05	0.000317	0.000497	0.000336	0.00115	0.000277	0
Statewide Totals	2017	MH	Aggregate	Aggregate	Gasoline	119897.9	987531.3013	987531.3	0	11994.59	0	0.930791	0	0.004921	0.935712	0.002848	0	1.26E-05	0.002861	0.003266	0.016811	0.022938	0.003076	0
Statewide Totals	2017	MH	Aggregate	Aggregate	Diesel	34637.83	331543.0231	331543	0	3463.783	0	1.958466	0	0	1.958466	0.055935	0	0	0.055935	0.001462	0.005624	0.063021	0.058464	0
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Gasoline	56515.3	2690514.453	2690514	0	1130758	0	3.633339	0.005425	0.618673	4.257437	0.005306	0	0.001807	0.007112	0.008897	0.045653	0.061663	0.00573	0
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Diesel	275936.3	11695011.31	11695011	0	3294422	0	69.12591	9.571837	2.18408	80.88182	1.980754	0.071013	0	2.051767	0.038675	0.199993	2.290435	2.070315	0.074224
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Natural Ga	1245.79	66148.50148	66148.5	0	12267.49	0	0.01353	0.008944	0	0.022474	4.49E-05	1.71E-05	0	6.2E-05	0.000219	0.001129	0.00141	4.88E-05	1.86E-05
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Gasoline	17228.35	853062.9651	853063	0	344704.9	0	0.87011	0.001228	0.161354	1.032692	0.000792	0	0.000165	0.000956	0.002821	0.014586	0.018364	0.000859	0
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Diesel	11023.14	739810.9208	739810.9	0	131433.3	0	5.874453	0.369376	0.090731	6.33456	0.250725	0.003823	0	0.254548	0.002447	0.017662	0.274656	0.262062	0.003996
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Natural Ga	409.8004	27512.40731	27512.41	0	3647.223	0	0.006563	0.000714	0	0.007278	1.56E-05	1.28E-06	0	1.68E-05	9.1E-05	0.000472	0.00058	1.69E-05	1.4E-06
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Gasoline	5541.309	272388.1589	272388.2	0	22165.24	0	0.417045	0.005517	0.014967	0.437528	0.001188	0	4.7E-05	0.001235	0.000601	0.004801	0.006636	0.001274	0
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Diesel	19823.56	471124.7313	471124.7	0	287045.1	0	4.148071	0.669485	0.072802	4.890358	0.025323	0.001102	0	0.026426	0.001558	0.008263	0.036247	0.026468	0.001152
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Natural Ga	2797.441	74874.85085	74874.85	0	40506.95	0	0.083223	0.016417	0	0.09964	0.000328	3.11E-05	0	0.000359	0.000248	0.001342	0.001948	0.000356	3.38E-05
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Gasoline	2798.583	241668.398	241668.4	0	11194.33	0	0.046994	0	0.010935	0.057929	0.000156	0	3.05E-06	0.000159	0.000674	0.009426	0.01026	0.000169	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Diesel	3981.042	400479.8869	400479.9	0	15924.17	0	2.716466	0	0	2.716466	0.005157	0	0	0.005157	0.003462	0.016926	0.025545	0.005391	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Electricity	95.99696	5140.267284	0	5140.267	383.9878	10091.08	0	0	0	0	0	0	0	0	3.48E-05	9.62E-05	0.000131	0	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Natural Ga	7228.345	806282.3452	806282.3	0	28913.38	0	2.806705	0	0	2.806705	0.002714	0	0	0.002714	0.007129	0.034099	0.043942	0.002836	0
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Gasoline	572.9556	19463.62777	19463.63	0	11463.7	0	0.249413	0	0.008422	0.257835	0.000194	0	8.45E-05	0.000279	0.000107	0.000801	0.001187	0.000206	0
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Diesel	283895.6	39174308.03	39174308	0	4484968	0	220.3201	25.63125	7.692249	253.6436	4.375748	0.076772	0	4.45252	0.382955	1.265211	6.100686	4.5736	0.080243
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Natural Ga	10970.99	812391.0513	812391.1	0	80762.12	0	1.812116	0.152639	0	1.964755	0.003135	0.000175	0	0.00331	0.00806	0.046185	0.057554	0.00341	0.00019
Statewide Totals	2018	LDA	Aggregate	Aggregate	Gasoline	13941722	518760540.9	5.19E+08	0	65176046	0	51.14149	0	25.17749	76.31898	0.869924	0	0.170124	1.040048	1.143672	1.539758	3.723478	0.945864	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Diesel	61467.66	1934626.84	1934627	0	268007	0	0.917137	0	0	0.917137	0.06762	0	0	0.06762	0.004265	0.005685	0.07757	0.070677	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Electricity	215329	7904341.645	0	7904342	1093103	3051728	0	0	0	0	0	0	0	0	0.017426	0.013295	0.030721	0	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Plug-in Hyb	170226.3	7961284.548	4313993	3647292	703885.9	1101591	0.031633	0	0.087863	0.119496	0.007989	0	0.001932	0.009921	0.017552	0.011947	0.039421	0.008689	0
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Gasoline	1489629	49263752.23	49263752	0	6627586	0	14.60076	0	4.083729	18.68448	0.157564	0	0.029921	0.187484	0.108608	0.177002	0.473094	0.171211	0
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Diesel	2393.401	45628.07032	45628.07	0	8378.822	0	0.068746	0	0	0.068746	0.008473	0	0	0.008473	0.000101	0.000186	0.00876	0.008856	0
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Electricity	2045.201	57179.57203	0	57179.57	9482.319	22076.03	0	0	0	0	0	0	0	0	0.000126	9.71E-05	0.000223	0	0
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Plug-in Hyb	19.73876	945.9266195	512.5706	433.356	81.61978	130.8864	3.78E-06	0	1.02E-05	1.4E-05	1.12E-06	0	2.72E-07	1.39E-06	2.09E-06	1.42E-06	4.89E-06	1.22E-06	0
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Gasoline	5563437	202680869.1	2.03E+08	0	25889043	0	42.29674	0	17.14366	59.4404	0.372668	0	0.069179	0.441847	0.446835	0.710212	1.598894	0.405083	0
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Diesel	18603.81	785585.1202	785585.1	0	90804.35	0	0.086669	0	0	0.086669	0.010375	0	0	0.010375	0.001732	0.002543	0.01465	0.010844	0
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Electricity	575.8118	15369.65083	0	15369.65	2717.022	5933.954	0	0	0	0	0	0	0	0	3.39E-05	2.61E-05	5.99E-05	0	0
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Plug-in Hyb	2049.865	99024.14738	53658.36	45365.79	8476.193	13701.82	0.000395	0	0.001059	0.001454	0.000117	0	2.8E-05	0.000145	0.000218	0.000148	0.000512	0.000127	0
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Gasoline	552302.4	19542010.86	19542011	0	8228482	0	7.28893	0.025073	6.469034	13.78304	0.04005	0	0.005238	0.045288	0.043083	0.58808	0.67645	0.04348	0
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Diesel	397993.4	14475025.3	14475025	0	5006256	0	50.99393	1.097155	0	52.09109	0.846789	0.012074	0	0.858863	0.047868	0.435598	1.34233	0.885077	0.01262
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Gasoline	78487.76	2702307.125	2702307	0	1169351	0	0.93452	0.003592	0.922516	1.860628	0.004466	0	0.000533	0.004999	0.005958	0.094874	0.105831	0.004856	0
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Diesel	131187	4974951.363	4974951	0	1650167	0	13.48276	0.359495	0	13.84225	0.244155	0.003887	0	0.248042	0.016452	0.174664	0.439157	0.255194	0.004063
Statewide Totals	2018	MCY	Aggregate	Aggregate	Gasoline	695309.6	4057325.912	4057326	0	1390619	0	3.165533	0	0.287096	3.45263	0.008518	0	0.006472	0.01499	0.004472	0.018784	0.038247	0.00905	0
Statewide Totals	2018	MDV	Aggregate	Aggregate	Gasoline	4326880	149661300.7	1.5E+08	0	19878720	0	42.26802	0	16.74469	59.01271	0.281939	0	0.058996	0.340935	0.329947	0.531172	1.202054	0.306178	0
Statewide Totals	2018	MDV	Aggregate	Aggregate	Diesel	53592.44	2201750.153	2201750	0	260697.6	0	0.274336	0	0	0.274336	0.020619	0	0	0.020619	0.004854	0.007169	0.032642	0.021551	0
Statewide Totals	2018	MDV	Aggregate	Aggregate	Electricity	389.4634	7659.822652	0	7659.823	1669.966	2957.324	0	0	0	0	0	0	0	0	1.69E-05	1.31E-05	3E-05	0	0
Statewide Totals	2018	MDV	Aggregate	Aggregate	Plug-in Hyb	10002.96	477765.9435	258887.7	218878.2	41362.22	66107.75	0.00189	0	0.005168	0.007058	0.000563	0	0.000138	0.000701	0.001053	0.000712	0.002466	0.000612	0
Statewide Totals	2018	MH	Aggregate	Aggregate	Gasoline	117354.4	989500.075	989500.1	0	11740.13	0	0.822385	0	0.004877	0.827262	0.002472	0	9.94E-06	0.002482	0.003272	0.01684	0.022593	0.002676	0
Statewide Totals	2018	MH	Aggregate	Aggregate	Diesel	36044.03	347874.0342	347874	0	3604.403	0	1.921505	0	0	1.921505	0.053262	0	0	0.053262	0.001534	0.005901	0.060696	0.05567	0
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Gasoline	55429.3	2648242.906	2648243	0	1109029	0	3.235761	0.005336	0.592464	3.83356	0.004796	0	0.001514	0.006309	0.008758	0.044943	0.06001	0.005187	0
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Diesel	276404.7	11405353.87	11405354	0	3292792	0	61.14776	9.103494	2.52979	72.78104	1.713554	0.062348	0	1.775902	0.037717	0.194981	2.0086	1.791033	0.065168
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Natural Ga	1601.917	86866.14156	86866.14	0	15097.63	0	0.01484	0.011643	0	0.026483	7.8E-05	2.53E-05	0	0.000103	0.000287	0.001489	0.001879	8.49E-05	2.75E-05
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Gasoline	16298.82	791703.8255	791703.8	0	326106.8	0	0.722618	0.001163	0.150779	0.874559	0.000723	0	0.000146	0.000869	0.002618	0.013534	0.017022	0.000785	0
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Diesel	10796.97	719269.3424	719269.3	0	130011.7	0	5.188707	0.333277	0.110384	5.632368	0.226238	0.00317	0	0.229408	0.002379	0.016916	0.248703	0.236467	0.003314
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Natural Ga	473.0343	30521.82211	30521.82	0	4210.005	0	0.006715	0.000822	0	0.007537	2.07E-05	1.56E-06	0	2.22E-05	0.000101	0.000524	0.000648	2.25E-05	1.69E-06
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Gasoline	7125.176	356985.3603	356985.4	0	28500.71	0	0.534079	0.007099	0.019117	0.560294	0.001633	0	6.6E-05	0.001699	0.000787	0.006291	0.008777	0.001749	0
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Diesel	19788.59	444889.0815	444889.1	0	286538.8	0	3.440775	0.624637	0.094198	4.15961	0.020521	0.000912	0	0.021433	0.001471	0.0078	0.030704	0.021449	0.000953
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Natural Ga	3450.251	88711.26224	88711.26	0	49959.64	0	0.088879	0.020159	0	0.109037	0.000385	4.05E-05	0	0.000425	0.000293	0.001587	0.002305	0.000418	4.41E-05
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Gasoline	2722.663	236499.7884	236499.8	0	10890.65	0	0.047603	0	0.010642	0.058245	0.000192	0	3.47E-06	0.000195	0.000669	0.009284	0.010148	0.000209	0
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Diesel	4065.703	404503.7707	404503.8	0	16262.81	0	2.085822	0	0	2.085822	0.004507	0	0	0.004507	0.003494	0.017118	0.025119	0.004711	0
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Electricity	129.4599	6549.819887	0	6549.82	517.8397	12855.68	0	0	0	0	0	0	0	0	4.94E-05	0.00013	0.00018	0	0
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Natural Ga	7288.064	827479.9184	827479.9	0	29152.26	0	2.474173	0	0	2.474173	0.002398	0	0	0.002398	0.007287	0.03496	0.044645	0.002507	0
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Gasoline	548.3253	17123.86217	17123.86	0	10970.89	0	0.253839	0	0.012809	0.266648	0.000158	0	6.55E-05	0.000223	9.44E-05	0.000707	0.001025	0.000168	0
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Diesel	270487.7	39244411.55	39244412	0	4305247	0	189.9676	24.8403	8.411813	223.2197	3.51859	0.063599	0	3.582189	0.383631	1.244806	5.210626	3.677685	0.066475
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Natural Ga	11888.24	882259.9965	882260	0	85885.47	0	1.724166	0.157223	0	1.881389	0.003065	0.000193	0	0.003258	0.008753	0.049943	0.061953	0.003333	0.00021
Statewide Totals	2019	LDA	Aggregate	Aggregate	Gasoline	13805991	513542901.4	5.14E+08	0	64465682	0	43.89692	0	23.41578	67.31271	0.859137	0	0.164746	1.023883	1.132169	1.522679	3.67873	0.93434	0
Statewide Totals	2019	LDA	Aggregate	Aggregate	Diesel	61677.77	1970022.528	1970023	0	270318.5	0	0.775647	0	0	0.775647	0.057226	0	0	0.057226	0.004343	0.005784	0.067353	0.059813	0
Statewide Totals	2019	LDA	Aggregate	Aggregate	Electricity	298490.2	10042318.67	0	10042319	1515443	3877164	0	0	0	0	0	0	0	0	0.02214	0.016891	0.039031	0	0
Statewide Totals	2019	LDA	Aggregate	Aggregate	Plug-in Hyb	199593.4	9159191.962	4942175	4217016	825318.8	1273665	0.036193	0	0.103034	0.139227	0.00945	0	0.002355	0.011805	0.020193	0.01375	0.045748	0.010278	0
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Gasoline	1540249	49062094.83	49062095	0	6750703	0	15.07621	0	4.343943	19.42015	0.15883	0	0.03075	0.18958	0.108163	0.178059	0.475802	0.172695	0
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Diesel	1159.942	17322.60451	17322.6	0	3632.449	0	0.030691	0	0	0.030691	0.004726	0	0	0.004726	3.82E-05	7.15E-05	0.004836	0.00494	0
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Electricity	1927.156	48925.30975	0	48925.31	8931.632	18889.21	0	0	0	0	0	0	0	0	0.000108	8.31E-05	0.000191	0	0
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Plug-in Hyb	13.04135	603.2056686	326.8599	276.3457	53.92598	83.46465	2.42E-06	0	6.77E-06	9.19E-06	7.13E-07	0	1.8E-07	8.93E-07	1.33E-06	9.05E-07	3.13E-06	7.76E-07	0
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Gasoline	5806444	215050597.7	2.15E+08	0	27151190	0	34.26621	0	15.48995	49.75616	0.381207	0	0.068959	0.450165	0.474106	0.749906	1.674177	0.414523	0
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Diesel	16976.18	695892.3618	695892.4	0	82400.53	0	0.070996	0	0	0.070996	0.007219	0	0	0.007219	0.001534	0.002325	0.011078	0.007545	0
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Electricity	791.1012	25990.59856	0	25990.6	3983.135	10034.52	0	0	0	0	0	0	0	0	5.73E-05	4.37E-05	0.000101	0	0
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Plug-in Hyb	7171.642	350497.5215	186203.4	164294.1	29654.74	49621.71	0.00137	0	0.003705	0.005075	0.000405	0	9.81E-05	0.000503	0.000773	0.000527	0.001802	0.00044	0
Statewide Totals	2019	LHDT1	Aggregate	Aggregate	Gasoline	575267.6	19677545.68	19677546	0	8570631	0	7.205443	0.025982	6.740196	13.97162	0.038301	0	0.004899	0.0432	0.043382	0.592158	0.67874	0.041612	0
Statewide Totals	2019	LHDT1	Aggregate	Aggregate	Diesel	397713.8	14323724.75	14323725	0	5002740	0	47.67494	1.073311	0	48.74825	0.794913	0.012055	0	0.806968	0.047368	0.431045	1.28538	0.830855	0.0126
Statewide Totals	2019	LHDT2	Aggregate	Aggregate	Gasoline	81302.73	2839781.994	2839782	0	1211290	0	0.860538	0.00367	0.942338	1.806546	0.004415	0	0.000492	0.004907	0.006261	0.099701	0.110869	0.004801	0
Statewide Totals	2019	LHDT2	Aggregate	Aggregate	Diesel	138980.6	5312960.113	5312960	0	1748201	0	12.7	0.369138	0	13.06914	0.236576	0.004082	0	0.240658	0.01757	0.186531	0.444759	0.247273	0.004267
Statewide Totals	2019	MCY	Aggregate	Aggregate	Gasoline	691332.9	4003124.24	4003124	0	1382666	0	3.03007	0	0.273447	3.303517	0.008388	0	0.006073	0.014461	0.004413	0.018533	0.037407	0.008923	0
Statewide Totals	2019	MDV	Aggregate	Aggregate	Gasoline	4248475	148031807.6	1.48E+08	0	19528150	0	36.99604	0	15.14733	52.14337	0.27771	0	0.057225	0.334935	0.326354	0.522942	1.184232	0.301679	0
Statewide Totals	2019	MDV	Aggregate	Aggregate	Diesel	64326.54	2601267.4	2601267	0	310926.7	0	0.413339	0	0	0.413339	0.026086	0	0	0.026086	0.005735	0.008575	0.040396	0.027266	0
Statewide Totals	2019	MDV	Aggregate	Aggregate	Electricity	173.7758	3967.14109	0	3967.141	766.8841	1531.644	0	0	0	0	0	0	0	0	8.75E-06	6.76E-06	1.55E-05	0	0
Statewide Totals	2019	MDV	Aggregate	Aggregate	Plug-in Hyb	11811.49	552852.9777	298597.3	254255.6	48840.5	76792.78	0.002174	0	0.006104	0.008278	0.000648	0	0.000164	0.000812	0.001219	0.000824	0.002854	0.000705	0
Statewide Totals	2019	MH	Aggregate	Aggregate	Gasoline	113280.7	960857.2345	960857.2	0	11332.6	0	0.72493	0	0.004785	0.729715	0.002185	0	8.31E-06	0.002193	0.003177	0.016345	0.021716	0.002368	0
Statewide Totals	2019	MH	Aggregate	Aggregate	Diesel	35851.86	338280.4186	338280.4	0	3585.186	0	1.833488	0	0	1.833488	0.050515	0	0	0.050515	0.001492	0.005736	0.057742	0.052799	0
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Gasoline	59029.3	2833588.979	2833589	0	1181058	0	3.014882	0.005701	0.613334	3.633916	0.004644	0	0.001355	0.005999	0.00937	0.048066	0.063435	0.00503	0
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Diesel	276258.4	11442537.44	11442537	0	3265874	0	53.53498	8.559144	2.941341	65.03546	1.411497	0.053151	0	1.464648	0.03784	0.195537	1.698024	1.475319	0.055554
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Natural Ga	1765.568	89908.56703	89908.57	0	16375.37	0	0.014557	0.012872	0	0.027429	8.44E-05	2.95E-05	0	0.000114	0.000297	0.001541	0.001952	9.17E-05	3.21E-05
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Gasoline	15836.48	762289.1291	762289.1	0	316856.3	0	0.628727	0.001131	0.144351	0.774208	0.000697	0	0.000125	0.000822	0.002521	0.013029	0.016372	0.000757	0
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Diesel	10405.25	717602.7801	717602.8	0	120963.8	0	4.602099	0.269848	0.113007	4.984953	0.194152	0.00241	0	0.196562	0.002373	0.016711	0.215647	0.202931	0.002519
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Natural Ga	517.7037	34449.68963	34449.69	0	4607.563	0	0.007241	0.000898	0	0.008139	2.46E-05	1.74E-06	0	2.64E-05	0.000114	0.000591	0.000731	2.68E-05	1.89E-06
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Gasoline	6993.405	351270.7201	351270.7	0	27973.62	0	0.508466	0.006983	0.018805	0.534254	0.001347	0	5.25E-05	0.001399	0.000774	0.006191	0.008365	0.00145	0
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Diesel	19655.93	442821.4563	442821.5	0	284617.8	0	3.301434	0.604477	0.099198	4.00511	0.019481	0.000913	0	0.020394	0.001464	0.007762	0.029621	0.020361	0.000955
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Natural Ga	3581.074	92654.09991	92654.1	0	51853.95	0	0.086756	0.020803	0	0.107559	0.000402	4.49E-05	0	0.000447	0.000306	0.001658	0.002411	0.000438	4.88E-05
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Gasoline	2718.338	233743.2583	233743.3	0	10873.35	0	0.040426	0	0.01015	0.050576	0.00019	0	3.4E-06	0.000194	0.000629	0.008962	0.009784	0.000207	0
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Diesel	3856.541	382199.7338	382199.7	0	15426.16	0	1.347144	0	0	1.347144	0.003551	0	0	0.003551	0.003303	0.016202	0.023057	0.003712	0

Statewide Totals	2019	UBUS	Aggregate	Aggregate	Electricity	199.805	9703.630511	0	9703.631	799.22	19096.85	0	0	0	0	0	0	0	0	8.16E-05	0.000203	0.000284	0	0
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Natural Ga	7135.633	842516.6455	842516.6	0	28542.53	0	2.184147	0	0	2.184147	0.001978	0	0	0.001978	0.007584	0.035658	0.045219	0.002067	0
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Gasoline	381.1448	12286.79893	12286.8	0	7625.945	0	0.162624	0	0.007928	0.170552	7.16E-05	0	2.79E-05	9.95E-05	6.77E-05	0.000496	0.000663	7.72E-05	0
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Diesel	274445.5	39811871.29	39811871	0	4414648	0	145.6651	25.28201	10.01214	180.9593	2.351608	0.037735	0	2.389343	0.389181	1.233014	4.011538	2.457937	0.039441
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Natural Ga	13840.94	997993.0041	997993	0	100528.6	0	1.673344	0.173953	0	1.847297	0.003058	0.00024	0	0.003298	0.009901	0.056343	0.069542	0.003326	0.000261
Statewide Totals	2020	LDA	Aggregate	Aggregate	Gasoline	13489082	443837354.9	4.44E+08	0	62803005	0	33.71723	0	21.71379	55.43102	0.731464	0	0.156691	0.888155	0.978495	1.318725	3.185375	0.795502	0
Statewide Totals	2020	LDA	Aggregate	Aggregate	Diesel	58547.88	1622484.95	1622485	0	254224	0	0.59462	0	0	0.59462	0.045132	0	0	0.045132	0.003577	0.004788	0.053497	0.047173	0
Statewide Totals	2020	LDA	Aggregate	Aggregate	Electricity	354856.5	12482199.59	0	12482200	1791978	4819159	0	0	0	0	0	0	0	0	0.027519	0.021012	0.04853	0	0
Statewide Totals	2020	LDA	Aggregate	Aggregate	Plug-in Hyb	222044.5	8985954.433	4822037	4163917	918154.2	1257627	0.035316	0	0.11466	0.149977	0.009028	0	0.002577	0.011605	0.019811	0.013508	0.044924	0.009819	0
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Gasoline	1481705	41864928.04	41864928	0	6473872	0	11.86971	0	3.986581	15.85629	0.129044	0	0.028102	0.157146	0.092296	0.152677	0.40212	0.140326	0
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Diesel	1034.588	13459.38506	13459.39	0	3182.057	0	0.023782	0	0	0.023782	0.003669	0	0	0.003669	2.97E-05	5.56E-05	0.003755	0.003835	0
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Electricity	1861.209	49055.81776	0	49055.82	8556.084	18939.59	0	0	0	0	0	0	0	0	0.000108	8.34E-05	0.000192	0	0
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Plug-in Hyb	76.05391	3334.542792	1739.634	1594.908	314.4829	481.7099	1.28E-05	0	3.93E-05	5.21E-05	2.87E-06	0	7.95E-07	3.67E-06	7.35E-06	5.02E-06	1.6E-05	3.12E-06	0
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Gasoline	5815850	191758272.6	1.92E+08	0	27160595	0	26.83232	0	14.24525	41.07757	0.333772	0	0.067516	0.401288	0.422755	0.670805	1.494848	0.362993	0
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Diesel	17642.69	636167.7575	636167.8	0	85291.53	0	0.0579	0	0	0.0579	0.00577	0	0	0.00577	0.001403	0.00215	0.009322	0.006031	0
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Electricity	1418.488	42582.70558	0	42582.71	7205.089	16440.44	0	0	0	0	0	0	0	0	9.39E-05	7.16E-05	0.000165	0	0
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Plug-in Hyb	11538.88	496463.6927	261279.7	235184	47713.25	71032.56	0.001921	0	0.005961	0.007882	0.00051	0	0.000142	0.000652	0.001095	0.000748	0.002494	0.000554	0
Statewide Totals	2020	LHDT1	Aggregate	Aggregate	Gasoline	561742	17084289.35	17084289	0	8369119	0	5.74868	0.025083	6.512483	12.28625	0.03128	0	0.004218	0.035497	0.037664	0.514119	0.587281	0.03401	0
Statewide Totals	2020	LHDT1	Aggregate	Aggregate	Diesel	393958	12430567.32	12430567	0	4955496	0	38.91484	1.043409	0	39.95824	0.666062	0.011843	0	0.677905	0.041107	0.374074	1.093086	0.696178	0.012378
Statewide Totals	2020	LHDT2	Aggregate	Aggregate	Gasoline	80150.95	2466937.474	2466937	0	1194130	0	0.686263	0.003571	0.920304	1.610137	0.003674	0	0.000448	0.004122	0.005439	0.086611	0.096172	0.003996	0
Statewide Totals	2020	LHDT2	Aggregate	Aggregate	Diesel	140951.3	4705516.762	4705517	0	1772991	0	10.4988	0.365565	0	10.86436	0.202184	0.004132	0	0.206316	0.015561	0.165204	0.387081	0.211326	0.004319
Statewide Totals	2020	MCY	Aggregate	Aggregate	Gasoline	687073	3460608.325	3460608	0	1374146	0	2.578174	0	0.262957	2.841131	0.007267	0	0.005799	0.013065	0.003815	0.016022	0.032902	0.007737	0
Statewide Totals	2020	MDV	Aggregate	Aggregate	Gasoline	4210868	129955428	1.3E+08	0	19309995	0	29.23972	0	13.93921	43.17893	0.238817	0	0.054955	0.293772	0.286503	0.460903	1.041178	0.259494	0
Statewide Totals	2020	MDV	Aggregate	Aggregate	Diesel	64658.28	2266982.386	2266982	0	310001.8	0	0.336439	0	0	0.336439	0.022086	0	0	0.022086	0.004998	0.007608	0.034692	0.023085	0
Statewide Totals	2020	MDV	Aggregate	Aggregate	Electricity	1934.124	59770.35346	0	59770.35	9916.462	23076.29	0	0	0	0	0	0	0	0	0.000132	0.0001	0.000232	0	0
Statewide Totals	2020	MDV	Aggregate	Aggregate	Plug-in Hyb	13353.97	542758.0767	291580.6	251177.5	55218.65	75863.09	0.002125	0	0.006902	0.009027	0.000611	0	0.000179	0.00079	0.001197	0.000811	0.002797	0.000664	0
Statewide Totals	2020	MH	Aggregate	Aggregate	Gasoline	106435.6	797947.4509	797947.5	0	10647.82	0	0.556167	0	0.004545	0.560713	0.001653	0	6.49E-06	0.001659	0.002639	0.013573	0.017871	0.001795	0
Statewide Totals	2020	MH	Aggregate	Aggregate	Diesel	35765.27	293682.8741	293682.9	0	3576.527	0	1.557882	0	0	1.557882	0.042489	0	0	0.042489	0.001295	0.004979	0.048763	0.04441	0
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Gasoline	55656.99	2427237.2	2427237	0	1113585	0	2.250945	0.0054	0.567071	2.823415	0.003371	0	0.000813	0.004184	0.008027	0.041163	0.053374	0.003666	0
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Diesel	271763.6	11585754.25	11585754	0	3221070	0	34.78748	6.607566	4.110847	45.50589	0.731831	0.027412	0	0.759244	0.038313	0.197929	0.995486	0.764921	0.028652
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Natural Ga	2138.985	106294.3429	106294.3	0	19557.73	0	0.015901	0.015597	0	0.031498	0.000105	3.84E-05	0	0.000144	0.000352	0.00182	0.002315	0.000115	4.17E-05
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Gasoline	15203.77	633793.8345	633793.8	0	304196.9	0	0.493501	0.001086	0.137711	0.632298	0.000574	0	0.000102	0.000676	0.002096	0.010832	0.013604	0.000624	0
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Diesel	9759.428	713789.4429	713789.4	0	114409	0	2.555652	0.206573	0.156725	2.91895	0.064073	0.000707	0	0.06478	0.00236	0.016424	0.083565	0.06697	0.000739
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Natural Ga	661.1598	41136.59804	41136.6	0	5884.322	0	0.008178	0.001141	0	0.009318	3.15E-05	2.36E-06	0	3.39E-05	0.000136	0.000705	0.000875	3.43E-05	2.57E-06
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Gasoline	6177.615	273770.1174	273770.1	0	24710.46	0	0.229522	0.006257	0.018428	0.254206	0.000422	0	1.79E-05	0.00044	0.000604	0.00483	0.005874	0.000459	0
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Diesel	19505.23	439830.0535	439830.1	0	282435.7	0	3.129918	0.592319	0.103885	3.826122	0.017692	0.000818	0	0.01851	0.001454	0.007709	0.027673	0.018492	0.000855
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Natural Ga	3681.665	95645.50264	95645.5	0	53310.51	0	0.086514	0.021355	0	0.107869	0.000415	4.7E-05	0	0.000462	0.000316	0.001711	0.00249	0.000452	5.11E-05
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Gasoline	2745.123	236020.2255	236020.2	0	10980.49	0	0.034681	0	0.009447	0.044128	0.000223	0	4.27E-06	0.000228	0.000635	0.00905	0.009913	0.000243	0
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Diesel	3621.709	361783.5742	361783.6	0	14486.84	0	0.481379	0	0	0.481379	0.002783	0	0	0.002783	0.00311	0.015337	0.02123	0.002909	0
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Electricity	194.7265	9517.787961	0	9517.788	778.9062	18709.7	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000283	0	0
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Natural Ga	7487.993	875471.4235	875471.4	0	29951.97	0	1.0453	0	0	1.0453	0.000759	0	0	0.000759	0.00789	0.037053	0.045701	0.000793	0
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Gasoline	297.3703	12525.04866	12525.05	0	5949.786	0	0.154345	0	0.00631	0.160655	5.19E-05	0	1.3E-05	6.49E-05	6.9E-05	0.000494	0.000628	5.64E-05	0
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Diesel	280809.4	40518102.46	40518102	0	4535953	0	120.9866	25.64796	11.3497	157.9843	1.74722	0.023254	0	1.770474	0.396146	1.234609	3.40123	1.826222	0.024306
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Natural Ga	15132.1	1070718.216	1070718	0	110511.5	0	1.60695	0.184741	0	1.791691	0.002989	0.000275	0	0.003263	0.010622	0.060554	0.07444	0.00325	0.000299
Statewide Totals	2021	LDA	Aggregate	Aggregate	Gasoline	13261741	508431764.6	5.08E+08	0	61620786	0	34.19421	0	20.2287	54.42292	0.807646	0	0.148052	0.955699	1.120901	1.510795	3.587395	0.878365	0
Statewide Totals	2021	LDA	Aggregate	Aggregate	Diesel	55460.92	1751915.894	1751916	0	238653.6	0	0.593441	0	0	0.593441	0.046273	0	0	0.046273	0.003862	0.005189	0.055324	0.048365	0
Statewide Totals	2021	LDA	Aggregate	Aggregate	Electricity	426202.6	18018951.17	0	18018951	2143579	6956802	0	0	0	0	0	0	0	0	0.039725	0.030349	0.070074	0	0
Statewide Totals	2021	LDA	Aggregate	Aggregate	Plug-in Hyb	250952.6	11746558.21	6243355	5503203	1037689	1662131	0.045756	0	0.129622	0.175378	0.01088	0	0.002732	0.013612	0.025897	0.017683	0.057191	0.011833	0
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Gasoline	1431765	47246754.96	47246755	0	6242429	0	12.26295	0	3.661028	15.92398	0.137173	0	0.025642	0.162815	0.104161	0.172646	0.439622	0.149169	0
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Diesel	929.8843	13811.26075	13811.26	0	2807.695	0	0.024359	0	0	0.024359	0.003762	0	0	0.003762	3.04E-05	5.71E-05	0.003849	0.003932	0
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Electricity	1861.372	59159.25246	0	59159.25	8529.175	22840.35	0	0	0	0	0	0	0	0	0.00013	0.000101	0.000231	0	0
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Plug-in Hyb	249.6842	12838.65615	6537.294	6301.362	1032.444	1903.199	4.81E-05	0	0.000129	0.000177	7.73E-06	0	1.87E-06	9.6E-06	2.83E-05	1.94E-05	5.73E-05	8.4E-06	0
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Gasoline	5866045	226498420.2	2.26E+08	0	27380953	0	27.72282	0	13.16651	40.88933	0.377314	0	0.065445	0.442759	0.499344	0.792666	1.734769	0.410353	0
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Diesel	18603.36	775449.3284	775449.3	0	89565.66	0	0.063535	0	0	0.063535	0.006433	0	0	0.006433	0.00171	0.002639	0.010782	0.006723	0
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Electricity	5636.924	205522.9121	0	205522.9	29031.74	79348.81	0	0	0	0	0	0	0	0	0.000453	0.000345	0.000798	0	0
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Plug-in Hyb	18983.4	948639.7119	490471.3	458168.4	78496.37	138380.5	0.003605	0	0.009806	0.013411	0.000763	0	0.000188	0.00095	0.002091	0.001432	0.004473	0.00083	0
Statewide Totals	2021	LHDT1	Aggregate	Aggregate	Gasoline	551145.4	19675740.94	19675741	0	8211246	0	6.052077	0.024209	6.287498	12.36378	0.03444	0	0.003798	0.038239	0.043378	0.592104	0.67372	0.037457	0
Statewide Totals	2021	LHDT1	Aggregate	Aggregate	Diesel	390871.3	14355664.17	14355664	0	4916670	0	41.74261	1.010492	0	42.7531	0.734784	0.011673	0	0.746456	0.047473	0.432006	1.225936	0.768007	0.012201
Statewide Totals	2021	LHDT2	Aggregate	Aggregate	Gasoline	78747.06	2814534.973	2814535	0	1173214	0	0.716788	0.003451	0.892262	1.6125	0.00403	0	0.000407	0.004436	0.006205	0.098814	0.109456	0.004382	0
Statewide Totals	2021	LHDT2	Aggregate	Aggregate	Diesel	143030.6	5537001.156	5537001	0	1799145	0	11.41972	0.360126	0	11.77984	0.228068	0.004189	0	0.232258	0.01831	0.194396	0.444965	0.23838	0.004379
Statewide Totals	2021	MCY	Aggregate	Aggregate	Gasoline	685404.8	3984080.095	3984080	0	1370810	0	2.898794	0	0.253379	3.152173	0.008415	0	0.005622	0.014037	0.004392	0.018445	0.036874	0.008967	0
Statewide Totals	2021	MDV	Aggregate	Aggregate	Gasoline	4190533	151246828.8	1.51E+08	0	19190249	0	30.08821	0	12.7931	42.88132	0.265863	0	0.0522	0.318062	0.333442	0.537271	1.188776	0.288949	0
Statewide Totals	2021	MDV	Aggregate	Aggregate	Diesel	65072.29	2611473.537	2611474	0	309642.3	0	0.358107	0	0	0.358107	0.024337	0	0	0.024337	0.005757	0.008895	0.038989	0.025437	0
Statewide Totals	2021	MDV	Aggregate	Aggregate	Electricity	5940.702	216576.5827	0	216576.6	30589.7	83616.44	0	0	0	0	0	0	0	0	0.000477	0.000363	0.000841	0	0
Statewide Totals	2021	MDV	Aggregate	Aggregate	Plug-in Hyb	15475.14	722212.8124	384153.6	338059.2	63989.71	102104	0.002804	0	0.007999	0.010803	0.000739	0	0.000191	0.000931	0.001592	0.001082	0.003605	0.000804	0
Statewide Totals	2021	MH	Aggregate	Aggregate	Gasoline	100319.7	877900.8489	877900.8	0	10035.99	0	0.561117	0	0.004343	0.56546	0.001664	0	5.14E-06	0.001669	0.002903	0.014932	0.019504	0.001809	0
Statewide Totals	2021	MH	Aggregate	Aggregate	Diesel	35718.1	337610.2483	337610.2	0	3571.81	0	1.749951	0	0	1.749951	0.047283	0	0	0.047283	0.001489	0.005723	0.054495	0.049421	0
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Gasoline	53467.09	2746553.128	2746553	0	1069769	0	2.21118	0.005203	0.534908	2.751291	0.003616	0	0.000717	0.004333	0.009083	0.046576	0.059991	0.003933	0
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Diesel	268011	11734361.35	11734361	0	3180879	0	23.63049	4.867546	4.990366	33.4884	0.285675	0.014299	0	0.299974	0.038805	0.200461	0.539239	0.298591	0.014946
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Natural Ga	2446.806	119909.7504	119909.8	0	22356.8	0	0.017321	0.017799	0	0.03512	0.000122	4.51E-05	0	0.000167	0.000397	0.002053	0.002616	0.000133	4.9E-05
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Gasoline	14659.93	693577.9256	693577.9	0	293315.9	0	0.510747	0.001047	0.132619	0.644413	0.000635	0	9.41E-05	0.000729	0.002294	0.011853	0.014875	0.00069	0
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Diesel	9623.847	712971.807	712971.8	0	112541.8	0	1.866065	0.168194	0.173483	2.207743	0.039144	0.000361	0	0.039505	0.002358	0.016293	0.058155	0.040914	0.000377
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Natural Ga	746.8969	44802.67849	44802.68	0	6647.383	0	0.008758	0.001287	0	0.010045	3.48E-05	2.71E-06	0	3.75E-05	0.000148	0.000767	0.000953	3.78E-05	2.94E-06
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Gasoline	6233.8	323255.3912	323255.4	0	24935.2	0	0.261666	0.006324	0.018782	0.286772	0.000454	0	1.67E-05	0.000471	0.000713	0.005704	0.006887	0.000494	0
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Diesel	19483.18	436716.2457	436716.2	0	282116.4	0	2.963146	0.581061	0.110184	3.654391	0.01642	0.000743	0	0.017163	0.001444	0.007653	0.026261	0.017163	0.000777
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Natural Ga	3842.419	98759.31043	98759.31	0	55638.23	0	0.086279	0.022235	0	0.108514	0.000429	5.03E-05	0	0.000479	0.000327	0.001767	0.002573	0.000466	5.47E-05
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Gasoline	2766.632	237775.1406	237775.1	0	11066.53	0	0.036897	0	0.009651	0.046549	0.00023	0	4.46E-06	0.000235	0.00064	0.009118	0.009993	0.00025	0
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Diesel	3606.232	361214.0732	361214.1	0	14424.93	0	0.415954	0	0	0.415954	0.00274	0	0	0.00274	0.003116	0.015312	0.021168	0.002864	0
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Electricity	194.6433	9509.746024	0	9509.746	778.5731	18695.44	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000282	0	0
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Natural Ga	7587.414	885375.8348	885375.8	0	30349.66	0	0.611465	0	0	0.611465	0.00041	0	0	0.00041	0.007967	0.037473	0.045849	0.000428	0
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Gasoline	235.5107	11307.09268	11307.09	0	4712.098	0	0.114391	0	0.003113	0.117503	3.96E-05	0	9.48E-06	4.91E-05	6.23E-05	0.000435	0.000546	4.31E-05	0
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Diesel	289296.3	41279363.01	41279363	0	4687045	0	105.7867	26.14852	12.62802	144.5632	1.320833	0.012835	0	1.333668	0.403618	1.24267	2.979956	1.380555	0.013416
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Natural Ga	16256.35	1128074.17	1128074	0	119081.8	0	1.534225	0.193564	0	1.727789	0.002919	0.000309	0	0.003228	0.011191	0.063951	0.07837	0.003175	0.000336
Statewide Totals	2022	LDA	Aggregate	Aggregate	Gasoline	13143383	510193142.8	5.1E+08	0	61016807	0	30.35824	0	18.96884	49.32708	0.778693	0	0.140947	0.91964	1.124784	1.515757	3.56018	0.846885	0
Statewide Totals	2022	LDA	Aggregate	Aggregate	Diesel	52549.89	1638915.898	1638916	0	224018.3	0	0.511769	0	0	0.511769	0.041166	0	0	0.041166	0.003613	0.004873	0.049652	0.043027	0
Statewide Totals	2022	LDA	Aggregate	Aggregate	Electricity	514826	22671752.72	0	22671753	2581275	8753168	0	0	0	0	0	0	0	0	0.049983	0.038199	0.088182	0	0
Statewide Totals	2022	LDA	Aggregate	Aggregate	Plug-in Hyb	286134.2	13453824.58	6983076	6470749	1183165	1954359	0.05117	0	0.147822	0.198992	0.011342	0	0.002913	0.014255	0.029661	0.020316	0.064232	0.012335	0
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Gasoline	1390472	46559751.09	46559751	0	6056811	0	10.9647	0	3.363926	14.32862	0.126531	0	0.023425	0.149956	0.102647	0.17019	0.422792	0.137601	0
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Diesel	835.1995	12284.15051	12284.15	0	2475.373	0	0.021609	0	0	0.021609	0.003338	0	0	0.003338	2.71E-05	5.08E-05	0.003416	0.003489	0
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Electricity	2056.446	71368.05233	0	71368.05	9517.803	27553.96	0	0	0	0	0	0	0	0	0.000157	0.000121	0.000278	0	0
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Plug-in Hyb	562.6718	29065.96212	13923.21	15142.75	2326.648	4573.562	0.000102	0	0.00029	0.000393	1.48E-05	0	3.76E-06	1.85E-05	6.41E-05	4.43E-05	0.000127	1.61E-05	0
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Gasoline	5974705	234480220.8	2.34E+08	0	27900440	0	25.01555	0	12.26888	37.28443	0.373309	0	0.064233	0.437542	0.516941	0.819766	1.774249	0.406	0
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Diesel	19744.24	825357.1672	825357.2	0	94698.92	0	0.061447	0	0	0.061447	0.006438	0	0	0.006438	0.00182	0.002824	0.011081	0.006729	0
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Electricity	14292.26	527979.6753	0	527979.7	73625.96	203843.7	0	0	0	0	0	0	0	0	0.001164	0.000887	0.002051	0	0
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Plug-in Hyb	28288.06	1415176.803	701739.6	713437.2	116971.1	215479.3	0.005155	0	0.014613	0.019768	0.000951	0	0.000242	0.001194	0.00312	0.002147	0.006461	0.001034	0
Statewide Totals	2022	LHDT1	Aggregate	Aggregate	Gasoline	544428.9	19918185.31	19918185	0	8111179	0	5.507017	0.023363	6.073305	11.60368	0.033499	0	0.003497	0.036995	0.043912	0.5994	0.680307	0.036433	0
Statewide Totals	2022	LHDT1	Aggregate	Aggregate	Diesel	389745.9	14556630.88	14556631	0	4902513	0	38.71576	0.975411	0	39.69117	0.703236	0.011563	0	0.714799	0.048138	0.438054	1.200991	0.735034	0.012086
Statewide Totals	2022	LHDT2	Aggregate	Aggregate	Gasoline	77809.99	2819605.111	2819605	0	1159253	0	0.648812	0.00333	0.865052	1.517194	0.003882	0	0.000369	0.004251	0.006216	0.098992	0.10946	0.004222	0
Statewide Totals	2022	LHDT2	Aggregate	Aggregate	Diesel	146007.3	5721386.57	5721387	0	1836589	0	10.76615	0.353629	0	11.11977	0.223772	0.004275	0	0.228047	0.01892	0.20087	0.447837	0.23389	0.004468
Statewide Totals	2022	MCY	Aggregate	Aggregate	Gasoline	688600.8	4045590.915	4045591	0	1377202	0	2.854007	0	0.244712	3.09872	0.008608	0	0.005512	0.01412	0.00446	0.01873	0.03731	0.009181	0
Statewide Totals	2022	MDV	Aggregate	Aggregate	Gasoline	4194606	153878564.3	1.54E+08	0	19210125	0	26.35456	0	11.7273	38.08186	0.255663	0	0.04936	0.305023	0.339244	0.546451	1.190718	0.278014	0
Statewide Totals	2022	MDV	Aggregate	Aggregate	Diesel	65562.93	2614655.725	2614656	0	309843	0	0.328435	0	0	0.328435	0.023128	0	0	0.023128	0.005764	0.009015	0.037907	0.024173	0
Statewide Totals	2022	MDV	Aggregate	Aggregate	Electricity	14432.6	532367.6994	0	532367.7	74304.77	205537.9	0	0	0	0	0	0	0	0	0.001174	0.000894	0.002067	0	0
Statewide Totals	2022	MDV	Aggregate	Aggregate	Plug-in Hyb	19497.13	913414.9003	469582.9	443832	80620.62	134050.5	0.003431	0	0.010077	0.013508	0.000806	0	0.000214	0.00102	0.002014	0.001376	0.00441	0.000877	0
Statewide Totals	2022	MH	Aggregate	Aggregate	Gasoline	94610.42	842891.6435	842891.6	0	9464.827	0	0.485364	0	0.004186	0.48955	0.001499	0	4.54E-06	0.001504	0.002787	0.014335	0.018627	0.001631	0
Statewide Totals	2022	MH	Aggregate	Aggregate	Diesel	35746.93	339063.7117	339063.7	0	3574.693	0	1.710434	0	0	1.710434	0.045748	0	0	0.045748	0.001495	0.005747	0.05299	0.047817	0
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Gasoline	51781.25	2721967.294	2721967	0	1036039	0	1.874817	0.005053	0.508166	2.388036	0.00344	0	0.000643	0.004083	0.009001	0.046159	0.059243	0.003742	0
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Diesel	269999.8	11888586.82	11888587	0	3210829	0	21.32226	4.60538	5.196791	31.12443	0.227931	0.011792	0	0.239723	0.039315	0.203088	0.482126	0.238237	0.012326
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Natural Ga	2682.505	130841.2014	130841.2	0	24275.95	0	0.017974	0.019535	0	0.037509	0.000138	5.12E-05	0	0.00019	0.000433	0.00224	0.002863	0.00015	5.57E-05
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Gasoline	14156.38	662542.8815	662542.9	0	283240.9	0	0.456245	0.001012	0.127871	0.585128	0.00062	0	9.1E-05	0.000711	0.002191	0.011321	0.014223	0.000674	0
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Diesel	9619.51	714733.6466	714733.6	0	112668.2	0	1.632651	0.147583	0.184918	1.965153	0.029325	0.000201	0	0.029525	0.002364	0.016252	0.04814	0.03065	0.00021
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Natural Ga	785.017	46358.22531	46358.23	0	6986.651	0	0.009073	0.001352	0	0.010425	3.62E-05	2.85E-06	0	3.9E-05	0.000153	0.000794	0.000987	3.93E-05	3.1E-06
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Gasoline	6320.118	332566.391	332566.4	0	25280.47	0	0.258091	0.00642	0.01929	0.283801	0.00043	0	1.6E-05	0.000446	0.000733	0.005869	0.007048	0.000468	0

Statewide Totals	2022	SBUS	Aggregate	Aggregate	Diesel	19453.89	433547.7509	433547.8	0	281692.3	0	2.793233	0.568614	0.116595	3.478442	0.01521	0.000679	0	0.015889	0.001434	0.007596	0.024919	0.015898	0.000709
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Natural Ga	4005.238	101927.8052	101927.8	0	57995.84	0	0.085887	0.023125	0	0.109012	0.000443	5.36E-05	0	0.000496	0.000337	0.001824	0.002657	0.000481	5.83E-05
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Gasoline	2788.073	239525.6947	239525.7	0	11152.29	0	0.036164	0	0.009476	0.045639	0.000252	0	5.15E-06	0.000257	0.000645	0.009186	0.010088	0.000274	0
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Diesel	3556.206	356650.3672	356650.4	0	14224.83	0	0.34285	0	0	0.34285	0.002673	0	0	0.002673	0.003079	0.015118	0.02087	0.002794	0
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Electricity	194.5299	9498.305625	0	9498.306	778.1197	18675.05	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000282	0	0
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Natural Ga	7721.321	899268.9507	899269	0	30885.28	0	0.557222	0	0	0.557222	0.000441	0	0	0.000441	0.008088	0.038062	0.04659	0.000461	0
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Gasoline	189.0791	10317.75033	10317.75	0	3783.095	0	0.09335	0	0.003757	0.097107	3.05E-05	0	6.83E-06	3.73E-05	5.69E-05	0.000387	0.000481	3.32E-05	0
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Diesel	296921.7	42074958.62	42074959	0	4821966	0	85.71613	25.2184	14.49003	125.4246	1.289313	0.012169	0	1.301482	0.411444	1.247138	2.960063	1.34761	0.012719
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Electricity	239.3567	17275.84091	0	17275.84	4122.884	31347.02	0	0	0	0	0	0	0	0	0.000169	0.000253	0.000422	0	0
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Natural Ga	17070.81	1143013.93	1143014	0	122957.8	0	1.435068	0.19544	0	1.630509	0.002818	0.000333	0	0.003151	0.01134	0.065885	0.080375	0.003065	0.000362
Statewide Totals	2023	LDA	Aggregate	Aggregate	Gasoline	13036208	510256808.6	5.1E+08	0	60476336	0	27.02733	0	17.855	44.88234	0.750647	0	0.134706	0.885354	1.124924	1.516665	3.526943	0.816389	0
Statewide Totals	2023	LDA	Aggregate	Aggregate	Diesel	49454.89	1518369.794	1518370	0	209056.5	0	0.434496	0	0	0.434496	0.035786	0	0	0.035786	0.003347	0.004533	0.043666	0.037404	0
Statewide Totals	2023	LDA	Aggregate	Aggregate	Electricity	606057.4	27655354.17	0	27655354	3028420	10677249	0	0	0	0	0	0	0	0	0.06097	0.046615	0.107584	0	0
Statewide Totals	2023	LDA	Aggregate	Aggregate	Plug-in Hyt	320429.2	15076548.37	7636700	7439848	1324975	2247056	0.055958	0	0.165568	0.221525	0.011693	0	0.003085	0.014777	0.033238	0.022847	0.070863	0.012717	0
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Gasoline	1352185	45737125.5	45737126	0	5886607	0	9.724748	0	3.091171	12.81592	0.11621	0	0.021407	0.137617	0.100833	0.167296	0.405746	0.126382	0
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Diesel	750.0103	10858.45515	10858.46	0	2181.39	0	0.019033	0	0	0.019033	0.002941	0	0	0.002941	2.39E-05	4.49E-05	0.00301	0.003074	0
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Electricity	2390.36	91017.42167	0	91017.42	11216.68	35140.24	0	0	0	0	0	0	0	0	0.000201	0.000154	0.000355	0	0
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Plug-in Hyt	1000.889	51641.57594	23797.04	27844.53	4138.674	8409.879	0.000175	0	0.000517	0.000692	2.42E-05	0	6.42E-06	3.06E-05	0.000114	7.9E-05	0.000223	2.63E-05	0
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Gasoline	6085859	241447853.3	2.41E+08	0	28427214	0	22.59349	0	11.51314	34.10663	0.369274	0	0.063355	0.432628	0.532302	0.844183	1.809113	0.401615	0
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Diesel	20752.73	867791.8579	867791.9	0	99255.56	0	0.057865	0	0	0.057865	0.006085	0	0	0.006085	0.001913	0.002985	0.010983	0.00636	0
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Electricity	24333.42	895821.3357	0	895821.3	124904.6	345861	0	0	0	0	0	0	0	0	0.001975	0.001505	0.00348	0	0
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Plug-in Hyt	38200.55	1902625.986	912437.3	990188.7	157959.3	299066.5	0.006701	0	0.019735	0.026435	0.00114	0	0.000302	0.001441	0.004195	0.0029	0.008536	0.00124	0
Statewide Totals	2023	LHDT1	Aggregate	Aggregate	Gasoline	539256.9	20090803.94	20090804	0	8034124	0	4.969435	0.022549	5.869257	10.86124	0.032582	0	0.003224	0.035806	0.044293	0.604595	0.684693	0.035436	0
Statewide Totals	2023	LHDT1	Aggregate	Aggregate	Diesel	388878.7	14676625.81	14676626	0	4891605	0	35.56237	0.939524	0	36.5019	0.666651	0.011475	0	0.678126	0.048535	0.441665	1.168325	0.696794	0.011994
Statewide Totals	2023	LHDT2	Aggregate	Aggregate	Gasoline	76955.76	2814627.274	2814627	0	1146526	0	0.580932	0.003207	0.837038	1.421178	0.003737	0	0.000334	0.004071	0.006205	0.098818	0.109094	0.004064	0
Statewide Totals	2023	LHDT2	Aggregate	Aggregate	Diesel	148912.6	5867400.094	5867400	0	1873134	0	10.06171	0.346251	0	10.40796	0.217796	0.004359	0	0.222155	0.019403	0.205996	0.447555	0.227644	0.004556
Statewide Totals	2023	MCY	Aggregate	Aggregate	Gasoline	691728.1	4087441.342	4087441	0	1383456	0	2.800819	0	0.23542	3.036239	0.008696	0	0.005273	0.013969	0.004506	0.018924	0.037398	0.009283	0
Statewide Totals	2023	MDV	Aggregate	Aggregate	Gasoline	4197951	155724580.2	1.56E+08	0	19227799	0	23.28018	0	10.77067	34.05085	0.245618	0	0.046829	0.292447	0.343314	0.553296	1.189058	0.267106	0
Statewide Totals	2023	MDV	Aggregate	Aggregate	Diesel	65867.56	2599891.912	2599892	0	309207.4	0	0.297298	0	0	0.297298	0.021789	0	0	0.021789	0.005732	0.009067	0.036588	0.022774	0
Statewide Totals	2023	MDV	Aggregate	Aggregate	Electricity	26135.37	962892.3313	0	962892.3	134177.1	371755.9	0	0	0	0	0	0	0	0	0.002123	0.001617	0.00374	0	0
Statewide Totals	2023	MDV	Aggregate	Aggregate	Plug-in Hyt	23912.36	1118719.665	556974.2	561745.4	98877.62	169663.9	0.004072	0	0.012359	0.016431	0.000873	0	0.000239	0.001112	0.002466	0.001694	0.005272	0.000949	0
Statewide Totals	2023	MH	Aggregate	Aggregate	Gasoline	89319.86	806575.8756	806575.9	0	8935.559	0	0.41528	0	0.004041	0.419322	0.001343	0	4E-06	0.001347	0.002667	0.013715	0.01773	0.001461	0
Statewide Totals	2023	MH	Aggregate	Aggregate	Diesel	35755.26	338930.5392	338930.5	0	3575.526	0	1.661372	0	0	1.661372	0.043943	0	0	0.043943	0.001494	0.005744	0.051181	0.04593	0
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Gasoline	50417.15	2694425.773	2694426	0	1008746	0	1.576546	0.004931	0.486883	2.068361	0.003305	0	0.000585	0.00389	0.00891	0.045687	0.058487	0.003595	0
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Diesel	273233.3	12042683.62	12042684	0	3255560	0	16.40557	4.136614	5.788263	26.33045	0.188069	0.009901	0	0.19797	0.039824	0.205694	0.443489	0.196573	0.010349
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Electricity	140.7839	3172.906362	0	3172.906	1743.929	3374.733	0	0	0	0	0	0	0	0	1.05E-05	2.71E-05	3.76E-05	0	0
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Natural Ga	2886.251	141697.1144	141697.1	0	25731.04	0	0.017926	0.021041	0	0.038968	0.000159	5.78E-05	0	0.000216	0.000469	0.002427	0.003112	0.000173	6.29E-05
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Gasoline	13662.36	631183.225	631183.2	0	273356.5	0	0.405569	0.000977	0.12285	0.529396	0.000601	0	8.67E-05	0.000688	0.002087	0.010783	0.013559	0.000654	0
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Diesel	9734.29	721872.4661	721872.5	0	113900.7	0	1.376111	0.133869	0.202342	1.712322	0.028259	0.000189	0	0.028448	0.002387	0.016287	0.047123	0.029537	0.000198
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Natural Ga	698.4803	42569.08851	42569.09	0	6216.475	0	0.008095	0.0012	0	0.009295	3.51E-05	2.62E-06	0	3.77E-05	0.000141	0.00073	0.000909	3.82E-05	2.85E-06
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Gasoline	6403.731	339813.0891	339813.1	0	25614.92	0	0.254366	0.006512	0.019972	0.28085	0.000409	0	1.55E-05	0.000425	0.000749	0.005997	0.007171	0.000445	0
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Diesel	19414.91	430279.1865	430279.2	0	281127.9	0	2.624215	0.555175	0.122982	3.302371	0.014092	0.000622	0	0.014714	0.001423	0.007538	0.023675	0.014729	0.00065
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Electricity	11.11701	129.1349043	0	129.1349	160.9744	141.657	0	0	0	0	0	0	0	0	4.27E-07	1.14E-06	1.57E-06	0	0
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Natural Ga	4168.045	105067.2347	105067.2	0	60353.29	0	0.085443	0.024015	0	0.109459	0.000456	5.7E-05	0	0.000513	0.000347	0.00188	0.002741	0.000496	6.2E-05
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Gasoline	2809.41	241270.1909	241270.2	0	11237.64	0	0.036036	0	0.009387	0.045424	0.000271	0	5.67E-06	0.000276	0.00065	0.009254	0.01018	0.000294	0
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Diesel	3568.888	358275.8377	358275.8	0	14275.55	0	0.310931	0	0	0.310931	0.002673	0	0	0.002673	0.003091	0.015187	0.020951	0.002794	0
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Electricity	194.4701	9492.540803	0	9492.541	777.8803	18663.86	0	0	0	0	0	0	0	0	8.1E-05	0.000201	0.000282	0	0
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Natural Ga	7792.238	906946.2194	906946.2	0	31168.95	0	0.51948	0	0	0.51948	0.00047	0	0	0.00047	0.00816	0.038387	0.047017	0.000491	0
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Gasoline	150.1222	9389.358933	9389.359	0	3003.645	0	0.079921	0	0.002624	0.082545	2.24E-05	0	4.63E-06	2.7E-05	5.17E-05	0.000343	0.000421	2.43E-05	0
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Diesel	307158.3	42799671.17	42799671	0	4993670	0	83.68647	25.65034	15.2435	124.5803	1.29903	0.01202	0	1.31105	0.418577	1.264842	2.994469	1.357767	0.012563
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Electricity	918.0862	104803.1987	0	104803.2	13920.56	190780.1	0	0	0	0	0	0	0	0	0.001011	0.001579	0.002591	0	0
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Natural Ga	17975.31	1182489.028	1182489	0	129220.4	0	1.349618	0.199683	0	1.549301	0.00275	0.000361	0	0.003111	0.011731	0.068612	0.083455	0.002991	0.000393
Statewide Totals	2024	LDA	Aggregate	Aggregate	Gasoline	12932359	508129292.9	5.08E+08	0	59956651	0	24.16913	0	16.87067	41.0398	0.721321	0	0.129196	0.850516	1.120234	1.506025	3.476775	0.784502	0
Statewide Totals	2024	LDA	Aggregate	Aggregate	Diesel	46051.86	1393608.456	1393608	0	193568.4	0	0.360682	0	0	0.360682	0.029534	0	0	0.029534	0.003072	0.004164	0.036771	0.03087	0
Statewide Totals	2024	LDA	Aggregate	Aggregate	Electricity	698861	32845574.25	0	32845574	3479885	12681103	0	0	0	0	0	0	0	0	0.072412	0.055386	0.127798	0	0
Statewide Totals	2024	LDA	Aggregate	Aggregate	Plug-in Hyt	352849.7	16532073.19	8174940	8357133	1459034	2524103	0.059784	0	0.182349	0.242133	0.01189	0	0.003242	0.015132	0.036447	0.025108	0.076688	0.012931	0
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Gasoline	1316922	44795753.09	44795753	0	5731283	0	8.594696	0	2.843147	11.43784	0.106275	0	0.019594	0.125869	0.098758	0.163406	0.388034	0.115581	0
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Diesel	676.7857	9607.209403	9607.209	0	1931.286	0	0.016783	0	0	0.016783	0.002591	0	0	0.002591	2.12E-05	3.97E-05	0.002651	0.002708	0
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Electricity	2849.747	117980.0806	0	117980.1	13553.72	45550.05	0	0	0	0	0	0	0	0	0.00026	0.0002	0.00046	0	0
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Plug-in Hyt	1560.429	79994.38415	35736.68	44257.7	6452.374	13367.14	0.000262	0	0.000806	0.001068	3.55E-05	0	9.81E-06	4.53E-05	0.000176	0.000123	0.000344	3.86E-05	0
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Gasoline	6196168	247080529.8	2.47E+08	0	28942872	0	20.49462	0	10.88476	31.37938	0.36405	0	0.062756	0.426806	0.54472	0.861421	1.832947	0.395937	0
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Diesel	21611.88	901223.1187	901223.1	0	103163	0	0.052806	0	0	0.052806	0.005379	0	0	0.005379	0.001987	0.003104	0.01047	0.005623	0
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Electricity	35461.74	1293238.061	0	1293238	181272.4	499296.6	0	0	0	0	0	0	0	0	0.002851	0.002175	0.005026	0	0
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Plug-in Hyt	47478.44	2337538.051	1091736	1245802	196323.3	376269.5	0.007999	0	0.024531	0.03253	0.001294	0	0.000357	0.001651	0.005153	0.003572	0.010376	0.001408	0
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Gasoline	533444	20083806.48	20083806	0	7947521	0	4.454073	0.021734	5.659367	10.13517	0.031559	0	0.002968	0.034528	0.044277	0.604384	0.683189	0.034324	0
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Diesel	387023.5	14655800.96	14655801	0	4868269	0	32.3735	0.90263	0	33.27614	0.626548	0.011363	0	0.63791	0.048466	0.441038	1.127415	0.654877	0.011876
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Electricity	1635.665	123189.2944	0	123189.3	22849.2	74239.79	0	0	0	0	0	0	0	0	0.000272	0.001854	0.002125	0	0
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Gasoline	76015.03	2788467.09	2788467	0	1132511	0	0.517988	0.003086	0.807372	1.328446	0.003598	0	0.000305	0.003903	0.006148	0.097899	0.10795	0.003914	0
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Diesel	151207.2	5947359.815	5947360	0	1901996	0	9.335175	0.337941	0	9.673116	0.210004	0.004428	0	0.214432	0.019668	0.208804	0.442903	0.219499	0.004628
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Electricity	423.3612	30210.37351	0	30210.37	5604.02	18069.62	0	0	0	0	0	0	0	0	6.66E-05	0.00053	0.000597	0	0
Statewide Totals	2024	MCY	Aggregate	Aggregate	Gasoline	694600.9	4105358.564	4105359	0	1389202	0	2.740083	0	0.226535	2.966617	0.008715	0	0.005035	0.01375	0.004525	0.019007	0.037282	0.00931	0
Statewide Totals	2024	MDV	Aggregate	Aggregate	Gasoline	4197181	156615967.6	1.57E+08	0	19226777	0	20.39704	0	9.883717	30.28076	0.234636	0	0.044483	0.279119	0.345279	0.555102	1.179501	0.25518	0
Statewide Totals	2024	MDV	Aggregate	Aggregate	Diesel	65919.21	2563762.706	2563763	0	307396.5	0	0.268296	0	0	0.268296	0.020486	0	0	0.020486	0.005652	0.009006	0.035144	0.021412	0
Statewide Totals	2024	MDV	Aggregate	Aggregate	Electricity	38622.03	1409204.243	0	1409204	197450.8	544069.1	0	0	0	0	0	0	0	0	0.003107	0.002369	0.005476	0	0
Statewide Totals	2024	MDV	Aggregate	Aggregate	Plug-in Hyt	29857.22	1395121.492	669668.5	725453	123459.6	219108.4	0.00489	0	0.015431	0.020321	0.000958	0	0.000272	0.00123	0.003076	0.002122	0.006428	0.001042	0
Statewide Totals	2024	MH	Aggregate	Aggregate	Gasoline	84519.02	770352.3129	770352.3	0	8455.283	0	0.358835	0	0.003908	0.362744	0.001218	0	3.59E-06	0.001222	0.002548	0.013095	0.016865	0.001325	0
Statewide Totals	2024	MH	Aggregate	Aggregate	Diesel	35749.86	337480.3941	337480.4	0	3574.986	0	1.607655	0	0	1.607655	0.04211	0	0	0.04211	0.001488	0.005718	0.049316	0.044014	0
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Gasoline	49136.2	2647286.254	2647286	0	983117.1	0	1.329173	0.004816	0.463373	1.797362	0.00319	0	0.000541	0.003731	0.008754	0.044872	0.057357	0.00347	0
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Diesel	277729.4	12176258.56	12176259	0	3314941	0	15.23975	4.058646	5.955458	25.25385	0.168451	0.008391	0	0.176842	0.040266	0.207909	0.425017	0.176068	0.00877
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Electricity	845.6621	47203.33616	0	47203.34	10926.66	50979.04	0	0	0	0	0	0	0	0	0.000156	0.000403	0.000559	0	0
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Natural Ga	3069.098	148297.3761	148297.4	0	27145.41	0	0.017959	0.022405	0	0.040364	0.00017	6.31E-05	0	0.000233	0.00049	0.002539	0.003263	0.000185	6.87E-05
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Gasoline	13168.72	597323.1986	597323.2	0	263479.8	0	0.358595	0.000942	0.118731	0.478268	0.000583	0	8.33E-05	0.000666	0.001975	0.010211	0.012853	0.000634	0
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Diesel	9912.905	724559.1469	724559.1	0	116162.5	0	1.375859	0.136154	0.207084	1.719097	0.028235	0.000183	0	0.028418	0.002396	0.016357	0.047171	0.029512	0.000191
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Electricity	25.1136	2191.950299	0	2191.95	502.4729	2370.847	0	0	0	0	0	0	0	0	7.25E-06	1.87E-05	2.59E-05	0	0
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Natural Ga	719.5198	43318.57774	43318.58	0	6403.726	0	0.007962	0.001233	0	0.009195	3.76E-05	2.77E-06	0	4.04E-05	0.000143	0.000744	0.000928	4.09E-05	3.01E-06
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Gasoline	6487.546	345599.5183	345599.5	0	25950.18	0	0.246014	0.006603	0.020649	0.273267	0.000403	0	1.57E-05	0.000419	0.000762	0.0061	0.007281	0.000439	0
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Diesel	19340.78	426182.5409	426182.5	0	280054.5	0	2.456633	0.539742	0.128802	3.125178	0.013069	0.000571	0	0.01364	0.001409	0.007465	0.022514	0.01366	0.000596
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Electricity	70.00474	2045.092783	0	2045.093	869.3358	2237.458	0	0	0	0	0	0	0	0	5.99E-06	1.8E-05	2.4E-05	0	0
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Natural Ga	4326.797	107950.3757	107950.4	0	62652.02	0	0.084916	0.024883	0	0.109799	0.000469	6.03E-05	0	0.000529	0.000357	0.001931	0.002818	0.00051	6.56E-05
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Gasoline	2828.539	242804.0638	242804.1	0	11314.15	0	0.033579	0	0.008982	0.042561	0.000311	0	6.34E-06	0.000317	0.000654	0.009312	0.010283	0.000338	0
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Diesel	3498.152	350115.7745	350115.8	0	13992.61	0	0.145421	0	0	0.145421	0.002546	0	0	0.002546	0.003016	0.014837	0.0204	0.002661	0
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Electricity	313.7353	24321.75384	0	24321.75	1254.941	46816.64	0	0	0	0	0	0	0	0	0.00022	0.000516	0.000735	0	0
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Natural Ga	7829.208	909762.2065	909762.2	0	31316.83	0	0.481057	0	0	0.481057	0.000464	0	0	0.000464	0.008181	0.038509	0.047154	0.000485	0
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Gasoline	126.6604	8734.328026	8734.328	0	2534.221	0	0.066097	0	0.001825	0.067922	1.81E-05	0	3.45E-06	2.15E-05	4.81E-05	0.000312	0.000382	1.97E-05	0
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Diesel	315961.6	43487031.15	43487031	0	5139397	0	81.88764	25.82029	15.84766	123.5556	1.301437	0.011872	0	1.31331	0.425361	1.285225	3.023895	1.360283	0.012409
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Electricity	2016.602	241557.247	0	241557.2	29746.78	439847	0	0	0	0	0	0	0	0	0.002324	0.0037	0.006024	0	0
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Natural Ga	18819.84	1219353.786	1219354	0	135122.5	0	1.269296	0.20322	0	1.472516	0.00269	0.000389	0	0.003079	0.012097	0.07117	0.086346	0.002925	0.000423
Statewide Totals	2025	LDA	Aggregate	Aggregate	Gasoline	12837663	503812695	5.04E+08	0	59480990	0	21.78249	0	15.97934	37.76183	0.694046	0	0.124743	0.818789	1.110718	1.492202	3.421709	0.754838	0
Statewide Totals	2025	LDA	Aggregate	Aggregate	Diesel	42627.75	1266876.471	1266876	0	178260.3	0	0.296086	0	0	0.296086	0.024901	0	0	0.024901	0.002793	0.003794	0.031488	0.026027	0
Statewide Totals	2025	LDA	Aggregate	Aggregate	Electricity	792351.3	38110990.41	0	38110990	3931211	14713988	0	0	0	0	0	0	0	0	0.08402	0.064291	0.148312	0	0
Statewide Totals	2025	LDA	Aggregate	Aggregate	Plug-in Hyt	383663.1	17814254.34	8595793	9218461	1586447	2784250	0.062849	0	0.198304	0.261153	0.011977	0	0.003386	0.015363	0.039274	0.02714	0.081777	0.013026	0
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Gasoline	1284222	43707488.99	43707489	0	5587632	0	7.577018	0	2.616372	10.19339	0.097434	0	0.018045	0.115479	0.096359	0.159348	0.371186	0.105968	0
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Diesel	610.9429	8457.802623	8457.803	0	1710.135	0	0.014708	0	0	0.014708	0.002271	0	0	0.002271	1.86E-05	3.49E-05	0.002325	0.002374	0
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Electricity	3472.828	154253.7054	0	154253.7	16713.3	59554.66	0	0	0	0	0	0	0	0	0.00034	0.000261	0.000601	0	0
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Plug-in Hyt	2255.843	114380.1735	49613.65	64766.53	9327.91	19561.42	0.000364	0	0.001165	0.001528	4.86E-05	0	1.4E-05	6.27E-05	0.000252	0.000176	0.000491	5.29E-05	0
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Gasoline	6307224	251275667.7	2.51E+08	0	29454216	0	18.68909	0	10.36782	29.05691	0.358823	0	0.062371	0.421194	0.553968	0.876119	1.851281	0.390253	0
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Diesel	22395.21	926401.2108	926401.2	0	106650.1	0	0.048693	0	0	0.048693	0.005102	0	0	0.005102	0.002042	0.003201	0.010345	0.005333	0
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Electricity	47977.69	1724693.602	0	1724694	244230.9	665874.1	0	0	0	0	0	0	0	0	0.003802	0.002902	0.006704	0	0
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Plug-in Hyt	57212.96	2772425.406	1261716	1510709	236575.6	456279.2	0.009242	0	0.029564	0.038806	0.001441	0	0.000414	0.001856	0.006112	0.00425	0.012218	0.001568	0
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Gasoline	527137.6	19931916.9	19931917	0	7853565	0	3.946329	0.020924	5.436326	9.403579	0.030366	0	0.002716	0.033082	0.043942	0.599813	0.676838	0.033026	0
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Diesel	384627.7	14526241.97	14526242	0	4838133	0	29.22327	0.865577	0	30.08884	0.584378	0.01125	0	0.595628	0.048037	0.43714	1.080805	0.610801	0.011759
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Electricity	4531.776	316257.0674	0	316257.1	63376.29	190691.6	0	0	0	0	0	0	0	0	0.000697	0.004759	0.005456	0	0
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Gasoline	74953.44	2743021.41	2743021	0	1116695	0	0.459186	0.002963	0.775797	1.237946	0.003462	0	0.000279	0.003741	0.006047	0.096304	0.106092	0.003765	0

Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Diesel	153118.8	5976481.729	5976482	0	1926042	0	8.605494	0.329133	0	8.934627	0.201233	0.004489	0	0.205722	0.019764	0.209826	0.435312	0.210332	0.004692
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Electricity	1164.199	77205.83207	0	77205.83	15438.42	46194.57	0	0	0	0	0	0	0	0	0.00017	0.001355	0.001526	0	0
Statewide Totals	2025	MCY	Aggregate	Aggregate	Gasoline	697353.7	4101196.767	4101197	0	1394707	0	2.67134	0	0.217601	2.888941	0.008784	0	0.00502	0.013804	0.004521	0.018987	0.037312	0.00939	0
Statewide Totals	2025	MDV	Aggregate	Aggregate	Gasoline	4198402	156680570.6	1.57E+08	0	19230832	0	17.90432	0	9.083029	26.98735	0.225681	0	0.042813	0.268494	0.345422	0.555317	1.169233	0.245447	0
Statewide Totals	2025	MDV	Aggregate	Aggregate	Diesel	65690.95	2509511.049	2509511	0	304580.2	0	0.238782	0	0	0.238782	0.018829	0	0	0.018829	0.005533	0.008883	0.033245	0.019681	0
Statewide Totals	2025	MDV	Aggregate	Aggregate	Electricity	51965.81	1867218.688	0	1867219	264486.3	720900.5	0	0	0	0	0	0	0	0	0.004117	0.003142	0.007258	0	0
Statewide Totals	2025	MDV	Aggregate	Aggregate	Plug-in Hyb	36338.1	1684033.635	781746.1	902287.6	150258	272517.7	0.00571	0	0.01878	0.02449	0.001044	0	0.000309	0.001353	0.003713	0.002573	0.007638	0.001135	0
Statewide Totals	2025	MH	Aggregate	Aggregate	Gasoline	80354.92	735820.0839	735820.1	0	8038.706	0	0.312837	0	0.003792	0.316629	0.001117	0	3.28E-06	0.001121	0.002433	0.012507	0.016061	0.001215	0
Statewide Totals	2025	MH	Aggregate	Aggregate	Diesel	35686.68	334282.7873	334282.8	0	3568.668	0	1.547715	0	0	1.547715	0.040023	0	0	0.040023	0.001474	0.005663	0.047159	0.041832	0
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Gasoline	47979.48	2589381.432	2589381	0	959973.4	0	1.120606	0.004621	0.440357	1.565584	0.003094	0	0.000507	0.003601	0.008563	0.043893	0.056057	0.003365	0
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Diesel	283391.9	12272299.68	12272300	0	3387538	0	14.00337	3.936493	6.094554	24.03442	0.149214	0.007058	0	0.156272	0.040584	0.209542	0.406397	0.155961	0.007377
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Electricity	2457.805	136285.2157	0	136285.2	31554.2	146451.6	0	0	0	0	0	0	0	0	0.000451	0.001163	0.001614	0	0
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Natural Ga	3268.742	154575.5549	154575.6	0	28802.85	0	0.01788	0.023847	0	0.041727	0.000182	6.88E-05	0	0.000251	0.000511	0.002647	0.003409	0.000198	7.49E-05
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Gasoline	12688.14	562871.6385	562871.6	0	253864.3	0	0.317506	0.000896	0.113957	0.43236	0.000563	0	8.03E-05	0.000643	0.001861	0.009621	0.012125	0.000612	0
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Diesel	10199.29	727468.079	727468.1	0	120075.9	0	1.335519	0.136205	0.213092	1.684816	0.02738	0.000176	0	0.027557	0.002406	0.016433	0.046396	0.028618	0.000184
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Electricity	61.64718	5272.884086	0	5272.884	1233.437	5703.46	0	0	0	0	0	0	0	0	1.74E-05	4.5E-05	6.24E-05	0	0
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Natural Ga	755.5383	44530.78426	44530.78	0	6724.291	0	0.007575	0.001289	0	0.008864	4.18E-05	3.05E-06	0	4.48E-05	0.000147	0.000765	0.000957	4.55E-05	3.31E-06
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Gasoline	6558.351	348706.6724	348706.7	0	26233.4	0	0.232549	0.006589	0.021207	0.260344	0.000392	0	1.57E-05	0.000408	0.000769	0.006156	0.007332	0.000427	0
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Diesel	19238.84	421680.3185	421680.3	0	278578.5	0	2.289389	0.521008	0.13364	2.944038	0.012127	0.000523	0	0.01265	0.001394	0.007385	0.02143	0.012676	0.000546
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Electricity	151.4873	4630.488753	0	4630.489	1878.889	5066.355	0	0	0	0	0	0	0	0	1.36E-05	4.08E-05	5.44E-05	0	0
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Natural Ga	4484.09	110694.4559	110694.5	0	64929.62	0	0.084326	0.025743	0	0.11007	0.000481	6.35E-05	0	0.000544	0.000366	0.001981	0.002891	0.000523	6.91E-05
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Gasoline	2845.621	244141.1428	244141.1	0	11382.49	0	0.033457	0	0.008779	0.042236	0.000332	0	6.72E-06	0.000339	0.000657	0.009363	0.010359	0.000361	0
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Diesel	3484.198	348958.0094	348958	0	13936.79	0	0.144571	0	0	0.144571	0.002539	0	0	0.002539	0.003001	0.014786	0.020326	0.002654	0
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Electricity	395.5557	35355.34247	0	35355.34	1582.223	68611.1	0	0	0	0	0	0	0	0	0.000317	0.00075	0.001067	0	0
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Natural Ga	7848.692	909542.8261	909542.8	0	31394.77	0	0.453127	0	0	0.453127	0.000472	0	0	0.000472	0.008187	0.038501	0.047159	0.000493	0
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Gasoline	102.1698	8117.226111	8117.226	0	2044.214	0	0.046717	0	0.000517	0.047235	1.35E-05	0	2.16E-06	1.56E-05	4.47E-05	0.000285	0.000346	1.47E-05	0
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Diesel	323622.8	44147347.53	44147348	0	5266387	0	80.36823	25.85841	16.34897	122.5756	1.313826	0.011707	0	1.325532	0.431887	1.311603	3.069023	1.373231	0.012236
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Electricity	3519.608	425340.4079	0	425340.4	52038.79	774421.8	0	0	0	0	0	0	0	0	0.004094	0.006721	0.010815	0	0
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Natural Ga	19576.3	1252668.279	1252668	0	140280.1	0	1.189501	0.205494	0	1.394995	0.002634	0.000415	0	0.003049	0.012427	0.073549	0.089025	0.002865	0.000451
Statewide Totals	2026	LDA	Aggregate	Aggregate	Gasoline	12771098	500207112.7	5E+08	0	59152857	0	19.86115	0	15.21853	35.07968	0.664233	0	0.120636	0.784869	1.102769	1.478121	3.365759	0.722414	0
Statewide Totals	2026	LDA	Aggregate	Aggregate	Diesel	38753.58	1143624.674	1143625	0	162077.9	0	0.235621	0	0	0.235621	0.01992	0	0	0.01992	0.002521	0.003424	0.025865	0.02082	0
Statewide Totals	2026	LDA	Aggregate	Aggregate	Electricity	870559.2	41201804.22	0	41201804	4299875	15907297	0	0	0	0	0	0	0	0	0.090834	0.069543	0.160377	0	0
Statewide Totals	2026	LDA	Aggregate	Aggregate	Plug-in Hyb	409333.9	18705424.72	8848460	9856964	1692595	2977097	0.064631	0	0.211605	0.276236	0.011776	0	0.003464	0.015241	0.041238	0.028556	0.085035	0.012807	0
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Gasoline	1253937	42656830.63	42656831	0	5456153	0	6.688779	0	2.412918	9.101697	0.08944	0	0.01669	0.106129	0.094042	0.155136	0.355307	0.097274	0
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Diesel	518.9082	7018.170847	7018.171	0	1429.139	0	0.012025	0	0	0.012025	0.001857	0	0	0.001857	1.55E-05	2.88E-05	0.001901	0.001941	0
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Electricity	4237.206	192705.142	0	192705.1	20575.31	74400.09	0	0	0	0	0	0	0	0	0.000425	0.000325	0.00075	0	0
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Plug-in Hyb	2993.044	149253.9306	63631.08	85622.86	12376.24	25860.65	0.000466	0	0.001546	0.002011	5.98E-05	0	1.79E-05	7.76E-05	0.000329	0.00023	0.000637	6.5E-05	0
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Gasoline	6421310	254927112.9	2.55E+08	0	29974810	0	17.16018	0	9.951558	27.11174	0.350244	0	0.061635	0.411879	0.562018	0.88773	1.861627	0.380922	0
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Diesel	23123.46	946334.4932	946334.5	0	109779.1	0	0.046022	0	0	0.046022	0.005007	0	0	0.005007	0.002086	0.003273	0.010367	0.005234	0
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Electricity	60082.44	2125562.725	0	2125563	304367.6	820642.6	0	0	0	0	0	0	0	0	0.004686	0.003579	0.008265	0	0
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Plug-in Hyb	66397.59	3154315.371	1409311	1745004	274554	527043.3	0.010312	0	0.034315	0.044627	0.001538	0	0.000461	0.001999	0.006954	0.004845	0.013798	0.001673	0
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Gasoline	521613	19776450.43	19776450	0	7771256	0	3.511954	0.020172	5.221635	8.753762	0.029451	0	0.002515	0.031966	0.0436	0.595135	0.6707	0.032031	0
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Diesel	381362.9	14367442.99	14367443	0	4797065	0	26.2514	0.827497	0	27.07889	0.544706	0.011125	0	0.555831	0.047512	0.432361	1.035704	0.569335	0.011628
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Electricity	8665.64	577819.8459	0	577819.8	121229.6	348649.3	0	0	0	0	0	0	0	0	0.001274	0.008694	0.009968	0	0
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Gasoline	73861.92	2697682.938	2697683	0	1100432	0	0.402293	0.002843	0.744675	1.149811	0.003329	0	0.000254	0.003583	0.005947	0.094712	0.104242	0.003621	0
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Diesel	154585.8	5988412.496	5988412	0	1944495	0	7.923938	0.319705	0	8.243642	0.192678	0.004539	0	0.197216	0.019803	0.210245	0.427265	0.20139	0.004744
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Electricity	2220.937	140970.4011	0	140970.4	29461.59	84383.84	0	0	0	0	0	0	0	0	0.000311	0.002475	0.002785	0	0
Statewide Totals	2026	MCY	Aggregate	Aggregate	Gasoline	700014.8	4099379.526	4099380	0	1400030	0	2.609878	0	0.208997	2.818874	0.008842	0	0.005001	0.013843	0.004519	0.018979	0.037341	0.009456	0
Statewide Totals	2026	MDV	Aggregate	Aggregate	Gasoline	4204929	156640983.8	1.57E+08	0	19259444	0	15.82118	0	8.393793	24.21497	0.216555	0	0.041355	0.257909	0.345334	0.554358	1.157602	0.235522	0
Statewide Totals	2026	MDV	Aggregate	Aggregate	Diesel	65283.43	2448103.62	2448104	0	301015.7	0	0.211938	0	0	0.211938	0.017263	0	0	0.017263	0.005397	0.008706	0.031365	0.018043	0
Statewide Totals	2026	MDV	Aggregate	Aggregate	Electricity	64706.91	2287087.487	0	2287087	327700.7	883004.5	0	0	0	0	0	0	0	0	0.005042	0.003851	0.008893	0	0
Statewide Totals	2026	MDV	Aggregate	Aggregate	Plug-in Hyb	42277.36	1931382.074	875768.6	1055613	174816.9	318826.7	0.006393	0	0.021851	0.028243	0.001093	0	0.000337	0.00143	0.004258	0.002958	0.008646	0.001189	0
Statewide Totals	2026	MH	Aggregate	Aggregate	Gasoline	76490.35	705607.6077	705607.6	0	7652.094	0	0.272111	0	0.003689	0.2758	0.00103	0	3.01E-06	0.001033	0.002333	0.011993	0.015359	0.00112	0
Statewide Totals	2026	MH	Aggregate	Aggregate	Diesel	35579.5	331268.2017	331268.2	0	3557.95	0	1.490545	0	0	1.490545	0.037953	0	0	0.037953	0.001461	0.005611	0.045024	0.039669	0
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Gasoline	46911.62	2534575.211	2534575	0	938607.6	0	0.949769	0.004424	0.417374	1.371567	0.003028	0	0.000482	0.003509	0.008382	0.04297	0.054861	0.003293	0
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Diesel	288372.5	12351100.12	12351100	0	3451074	0	12.831	3.800149	6.194135	22.82528	0.132621	0.005893	0	0.138515	0.040844	0.210893	0.390252	0.138618	0.00616
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Electricity	4528.83	248001.2211	0	248001.2	58038.19	266048.2	0	0	0	0	0	0	0	0	0.00082	0.002116	0.002936	0	0
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Natural Ga	3462.308	160559.3354	160559.3	0	30435.34	0	0.017756	0.025231	0	0.042987	0.000193	7.44E-05	0	0.000268	0.000531	0.00275	0.003549	0.00021	8.1E-05
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Gasoline	12243.46	532273.1222	532273.1	0	244967.1	0	0.278129	0.00085	0.108951	0.38793	0.000544	0	7.76E-05	0.000622	0.00176	0.009097	0.011479	0.000592	0
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Diesel	10464.82	730601.5406	730601.5	0	123670.3	0	1.296863	0.135467	0.218153	1.650483	0.026491	0.000169	0	0.02666	0.002416	0.016566	0.045642	0.027689	0.000176
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Electricity	103.3381	8689.381708	0	8689.382	2067.59	9399.347	0	0	0	0	0	0	0	0	2.87E-05	7.41E-05	0.000103	0	0
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Natural Ga	788.3341	45677.11762	45677.12	0	7016.173	0	0.007187	0.00134	0	0.008527	4.58E-05	3.3E-06	0	4.91E-05	0.000151	0.000784	0.000984	4.98E-05	3.59E-06
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Gasoline	6624.107	351597.208	351597.2	0	26496.43	0	0.219923	0.006575	0.021931	0.248428	0.000382	0	1.58E-05	0.000398	0.000775	0.006207	0.00738	0.000415	0
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Diesel	19101.17	416834.1622	416834.2	0	276584.9	0	2.121891	0.499823	0.1382	2.759913	0.011292	0.000477	0	0.011769	0.001378	0.007299	0.020446	0.011803	0.000498
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Electricity	256.4759	7814.459589	0	7814.46	3196.046	8550.601	0	0	0	0	0	0	0	0	2.31E-05	6.89E-05	9.19E-05	0	0
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Natural Ga	4640.348	113342.526	113342.5	0	67192.24	0	0.083683	0.026597	0	0.110281	0.000493	6.68E-05	0	0.000559	0.000375	0.002028	0.002962	0.000536	7.26E-05
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Gasoline	2866.615	245862.3347	245862.3	0	11466.46	0	0.032883	0	0.008615	0.041498	0.000343	0	6.95E-06	0.00035	0.000662	0.00943	0.010442	0.000373	0
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Diesel	3446.208	345145.9405	345145.9	0	13784.83	0	0.143217	0	0	0.143217	0.002519	0	0	0.002519	0.002971	0.014625	0.020115	0.002633	0
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Electricity	442.4493	40601.23967	0	40601.24	1769.797	78601.1	0	0	0	0	0	0	0	0	0.000368	0.000861	0.001229	0	0
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Natural Ga	7923.085	917370.5012	917370.5	0	31692.34	0	0.437643	0	0	0.437643	0.000482	0	0	0.000482	0.008249	0.038832	0.047562	0.000503	0
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Gasoline	90.74515	7752.555127	7752.555	0	1815.629	0	0.040917	0	0.000464	0.04138	1.19E-05	0	1.67E-06	1.36E-05	4.27E-05	0.000269	0.000326	1.3E-05	0
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Diesel	330234.7	44752670.6	44752671	0	5376907	0	79.03278	25.82761	16.67923	121.5396	1.32907	0.011571	0	1.34064	0.437893	1.338146	3.11668	1.389164	0.012094
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Electricity	5656.524	687472.2337	0	687472.2	83337.72	1251949	0	0	0	0	0	0	0	0	0.006618	0.011068	0.017686	0	0
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Natural Ga	20221.61	1280254.21	1280254	0	144752.3	0	1.108909	0.206773	0	1.315682	0.002576	0.000439	0	0.003015	0.012701	0.075475	0.091191	0.002802	0.000478
Statewide Totals	2027	LDA	Aggregate	Aggregate	Gasoline	12713197	497958751.9	4.98E+08	0	58870071	0	18.33474	0	14.56801	32.90275	0.632563	0	0.115863	0.748426	1.097812	1.469654	3.315893	0.68797	0
Statewide Totals	2027	LDA	Aggregate	Aggregate	Diesel	34811	1027855.35	1027855	0	146035.5	0	0.182651	0	0	0.182651	0.015259	0	0	0.015259	0.002266	0.003083	0.020608	0.015948	0
Statewide Totals	2027	LDA	Aggregate	Aggregate	Electricity	945896.6	44182412.22	0	44182412	4651606	17058058	0	0	0	0	0	0	0	0	0.097406	0.074611	0.172016	0	0
Statewide Totals	2027	LDA	Aggregate	Aggregate	Plug-in Hyb	432800	19519039.91	9073044	10445996	1789628	3155002	0.066296	0	0.223765	0.290061	0.011457	0	0.003487	0.014944	0.043032	0.029859	0.087835	0.012461	0
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Gasoline	1225903	41758052.73	41758053	0	5335952	0	5.910033	0	2.231009	8.141043	0.082123	0	0.015397	0.09752	0.092061	0.151761	0.341342	0.089316	0
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Diesel	249.3117	3462.722922	3462.723	0	693.1231	0	0.005056	0	0	0.005056	0.000803	0	0	0.000803	7.63E-06	1.41E-05	0.000824	0.000839	0
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Electricity	5171.971	239464.3737	0	239464.4	25277.92	92453.01	0	0	0	0	0	0	0	0	0.000528	0.000404	0.000932	0	0
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Plug-in Hyb	3840.471	189145.5041	79691.28	109454.2	15880.35	33058.44	0.000584	0	0.001983	0.002567	6.97E-05	0	2.14E-05	9.11E-05	0.000417	0.000292	0.0008	7.58E-05	0
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Gasoline	6533170	258779163.7	2.59E+08	0	30476806	0	15.89455	0	9.614331	25.50888	0.339493	0	0.060329	0.399822	0.570511	0.901622	1.871955	0.369229	0
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Diesel	23723.73	964704.5217	964704.5	0	112405.8	0	0.042857	0	0	0.042857	0.004789	0	0	0.004789	0.002127	0.003345	0.010261	0.005006	0
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Electricity	73247.28	2552568.148	0	2552568	369377.4	985502	0	0	0	0	0	0	0	0	0.005627	0.0043	0.009928	0	0
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Plug-in Hyb	75958.15	3551639.766	1563720	1987920	314086.9	600411	0.011444	0	0.03926	0.050703	0.001608	0	0.000497	0.002106	0.00783	0.005465	0.0154	0.001749	0
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Gasoline	515800.2	19563402.48	19563402	0	7684654	0	3.134463	0.019443	5.001477	8.155383	0.02863	0	0.002339	0.030968	0.04313	0.588723	0.662822	0.031138	0
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Diesel	377439.8	14165043.26	14165043	0	4747717	0	23.53545	0.789661	0	24.32511	0.504736	0.010979	0	0.515715	0.046843	0.42627	0.988828	0.527558	0.011475
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Electricity	14810.89	959412.2452	0	959412.2	207222.3	579422.5	0	0	0	0	0	0	0	0	0.002115	0.014436	0.016551	0	0
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Gasoline	72643.67	2645395.809	2645396	0	1082283	0	0.35133	0.002724	0.712334	1.066388	0.003207	0	0.000232	0.003439	0.005832	0.092876	0.102147	0.003488	0
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Diesel	155656.6	5976084.345	5976084	0	1957964	0	7.3023	0.310124	0	7.612424	0.183412	0.004576	0	0.187988	0.019763	0.209812	0.417563	0.191706	0.004783
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Electricity	3795.237	234252.3775	0	234252.4	50342.55	140299.6	0	0	0	0	0	0	0	0	0.000516	0.004112	0.004629	0	0
Statewide Totals	2027	MCY	Aggregate	Aggregate	Gasoline	702186.4	4096806.252	4096806	0	1404373	0	2.554263	0	0.200737	2.755	0.008905	0	0.00496	0.013865	0.004516	0.018967	0.037348	0.009528	0
Statewide Totals	2027	MDV	Aggregate	Aggregate	Gasoline	4213979	156922734.9	1.57E+08	0	19298599	0	14.08437	0	7.812569	21.89693	0.207117	0	0.039766	0.246882	0.345956	0.555251	1.148089	0.225258	0
Statewide Totals	2027	MDV	Aggregate	Aggregate	Diesel	64514.98	2389254.994	2389255	0	296435.4	0	0.182564	0	0	0.182564	0.015078	0	0	0.015078	0.005267	0.00854	0.028886	0.01576	0
Statewide Totals	2027	MDV	Aggregate	Aggregate	Electricity	77879.3	2708503.116	0	2708503	392489.7	1045706	0	0	0	0	0	0	0	0	0.005971	0.004564	0.010536	0	0
Statewide Totals	2027	MDV	Aggregate	Aggregate	Plug-in Hyb	48332.79	2181542.854	971366.4	1210176	199856.1	365509.4	0.007094	0	0.024982	0.032076	0.001125	0	0.000358	0.001483	0.004809	0.003349	0.009641	0.001223	0
Statewide Totals	2027	MH	Aggregate	Aggregate	Gasoline	72996.97	678874.0196	678874	0	7302.616	0	0.236951	0	0.003596	0.240547	0.000955	0	2.77E-06	0.000957	0.002245	0.011536	0.014738	0.001038	0
Statewide Totals	2027	MH	Aggregate	Aggregate	Diesel	35422.29	328111.4572	328111.5	0	3542.229	0	1.432763	0	0	1.432763	0.035943	0	0	0.035943	0.001447	0.005556	0.042945	0.037568	0
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Gasoline	45832.05	2474908.325	2474908	0	917007.7	0	0.807494	0.004232	0.396142	1.207868	0.002963	0	0.00046	0.003423	0.008184	0.04195	0.053557	0.003222	0
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Diesel	292488.2	12389015.59	12389016	0	3503647	0	11.73918	3.665594	6.250824	21.6556	0.118607	0.004928	0	0.123535	0.04097	0.211494	0.375998	0.12397	0.00515
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Electricity	7633.639	413802.662	0	413802.7	97714.79	443707.9	0	0	0	0	0	0	0	0	0.001368	0.00353	0.004898	0	0
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Natural Ga	3639.664	165510.5422	165510.5	0	31986.09	0	0.017553	0.026476	0	0.044029	0.000203	7.96E-05	0	0.000283	0.000547	0.002835	0.003665	0.000221	8.65E-05
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Gasoline	11791.83	502807.0467	502807	0	235931	0	0.244744	0.000805	0.105712	0.351261	0.000525	0	7.45E-05	0.0006	0.001663	0.008594	0.010857	0.000571	0
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Diesel	10737.33	733883.147	733883.1	0	127268.7	0	1.264064	0.134823	0.222587	1.621473	0.025586	0.000162	0	0.025749	0.002427	0.016735	0.044911	0.026743	0.00017
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Electricity	164.4868	13671.5093	0	13671.51	3291.051	14784.02	0	0	0	0	0	0	0	0	4.52E-05	0.000117	0.000162	0	0
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Natural Ga	818.1196	46533.74809	46533.75	0	7281.265	0	0.006835	0.001385	0	0.008221	4.94E-05	3.54E-06	0	5.29E-05	0.000154	0.000799	0.001006	5.37E-05	3.85E-06
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Gasoline	6681.902	354067.488	354067.5	0	26727.61	0	0.206589	0.006557	0.022462	0.235608	0.000374	0	1.59E-05	0.000389	0.000781	0.006252	0.007422	0.000406	0
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Diesel	18906.69	411108.1615	411108.2	0	273768.9	0	1.951756	0.476048	0.14211	2.569914	0.010477	0.000432	0	0.010909	0.00136	0.007197	0.019466	0.010951	0.000452
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Electricity	417.2776	12701.72836	0	12701.73	5207.624	13897.32	0	0	0	0	0	0	0	0	3.75E-05	0.000112	0.000149	0	0
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Natural Ga	4789.579	115717.9033	115717.9	0	69353.1	0	0.082944	0.027413	0	0.110357	0.000503	6.99E-05	0	0.000573	0.000383	0.002071	0.003026	0.000547	7.6E-05
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Gasoline	2863.033	245427.9607	245428	0	11452.13	0	0.0327	0	0.008393	0.041093	0.000348	0	6.97E-06	0.000355	0.00066	0.009405	0.01042	0.000379	0
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Diesel	3401.46	338009.1028	338009.1	0	13605.84	0	0.138079	0	0	0.138079	0.002469	0	0	0.002469	0.002898	0.014321	0.019688	0.002581	0

Statewide Totals	2027	UBUS	Aggregate	Aggregate	Electricity	724.8727	71813.20029	0	71813.2	2899.491	138292.3	0	0	0	0	0	0	0	0	0.00064	0.001523	0.002163	0	0
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Natural Ga	7793.258	904719.7208	904719.7	0	31173.03	0	0.401971	0	0	0.401971	0.000484	0	0	0.000484	0.00814	0.038295	0.04692	0.000506	0
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Gasoline	81.58781	7435.951794	7435.952	0	1632.409	0	0.036101	0	0.000361	0.036462	1.08E-05	0	1.37E-06	1.22E-05	4.1E-05	0.000256	0.00031	1.18E-05	0
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Diesel	335719.6	45293436.24	45293436	0	5470645	0	77.73576	25.75718	16.85065	120.3436	1.340034	0.011432	0	1.351465	0.443292	1.364071	3.158828	1.400624	0.011949
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Electricity	8585.989	1041454.682	0	1041455	125097.1	1896888	0	0	0	0	0	0	0	0	0.010015	0.016963	0.026978	0	0
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Natural Ga	20748.79	1301536.164	1301536	0	148463.9	0	1.036023	0.207267	0	1.243291	0.002523	0.000461	0	0.002984	0.012912	0.077007	0.092903	0.002744	0.000502
Statewide Totals	2028	LDA	Aggregate	Aggregate	Gasoline	12663213	495970018.1	4.96E+08	0	58628536	0	17.0908	0	14.01274	31.10354	0.595273	0	0.110417	0.70569	1.093427	1.464254	3.263372	0.647413	0
Statewide Totals	2028	LDA	Aggregate	Aggregate	Diesel	30909.52	919794.8998	919794.9	0	130486	0	0.139498	0	0	0.139498	0.01122	0	0	0.01122	0.002028	0.002765	0.016013	0.011728	0
Statewide Totals	2028	LDA	Aggregate	Aggregate	Electricity	1019962	47044067.35	0	47044067	4995227	18162893	0	0	0	0	0	0	0	0	0.103714	0.079478	0.183192	0	0
Statewide Totals	2028	LDA	Aggregate	Aggregate	Plug-in Hyb	454275.4	20224042.29	9255466	10968576	1878429	3312837	0.067633	0	0.234896	0.302529	0.010972	0	0.003459	0.014431	0.044586	0.031012	0.090029	0.011933	0
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Gasoline	1200266	40926999.05	40926999	0	5226264	0	5.220971	0	2.065078	7.286049	0.075081	0	0.014216	0.089296	0.090229	0.148748	0.328273	0.081657	0
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Diesel	149.6646	2157.743455	2157.743	0	418.1692	0	0.002849	0	0	0.002849	0.000447	0	0	0.000447	4.76E-06	8.65E-06	0.00046	0.000467	0
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Electricity	6281.01	294143.6824	0	294143.7	30836.98	113563.7	0	0	0	0	0	0	0	0	0.000648	0.000496	0.001145	0	0
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Plug-in Hyb	4797.044	233423.1903	97529.98	135893.2	19835.78	41043.8	0.000714	0	0.002477	0.003192	7.76E-05	0	2.44E-05	0.000102	0.000515	0.000361	0.000978	8.43E-05	0
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Gasoline	6642219	262284437.4	2.62E+08	0	30959234	0	14.79559	0	9.338998	24.13458	0.324662	0	0.058466	0.383128	0.578239	0.915358	1.876724	0.353099	0
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Diesel	24274.6	980543.7791	980543.8	0	114759.2	0	0.040807	0	0	0.040807	0.004677	0	0	0.004677	0.002162	0.003409	0.010247	0.004888	0
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Electricity	87629.24	3010196.778	0	3010197	440019.5	1162184	0	0	0	0	0	0	0	0	0.006636	0.005074	0.01171	0	0
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Plug-in Hyb	85871.42	3954339.217	1720343	2233997	355078.3	674733.6	0.012591	0	0.044387	0.056978	0.001642	0	0.000525	0.002167	0.008718	0.006097	0.016981	0.001786	0
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Gasoline	509894.4	19298233.57	19298234	0	7596668	0	2.791159	0.018751	4.788804	7.598713	0.027844	0	0.002189	0.030034	0.042545	0.580744	0.653323	0.030283	0
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Diesel	372695.3	13916085.2	13916085	0	4688038	0	21.03211	0.751878	0	21.78399	0.467553	0.010812	0	0.478365	0.04602	0.418778	0.943163	0.488694	0.011301
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Electricity	23209.26	1464237.325	0	1464237	324762.2	884589.9	0	0	0	0	0	0	0	0	0.003228	0.022032	0.02526	0	0
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Gasoline	71340.36	2586772.614	2586773	0	1062865	0	0.305951	0.002606	0.680461	0.989018	0.003092	0	0.000212	0.003304	0.005703	0.090818	0.099825	0.003362	0
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Diesel	156305.8	5939453.553	5939454	0	1966130	0	6.740736	0.300475	0	7.041212	0.174889	0.0046	0	0.179489	0.019641	0.208526	0.407656	0.182796	0.004808
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Electricity	5948.165	357828.5371	0	357828.5	78897.01	214340.8	0	0	0	0	0	0	0	0	0.000789	0.006281	0.00707	0	0
Statewide Totals	2028	MCY	Aggregate	Aggregate	Gasoline	704783.1	4094242.364	4094242	0	1409566	0	2.503096	0	0.193243	2.696339	0.008957	0	0.004942	0.013898	0.004513	0.018955	0.037367	0.009587	0
Statewide Totals	2028	MDV	Aggregate	Aggregate	Gasoline	4224143	157163701.6	1.57E+08	0	19342263	0	12.63228	0	7.33375	19.96603	0.196144	0	0.038021	0.234166	0.346487	0.556796	1.137449	0.213325	0
Statewide Totals	2028	MDV	Aggregate	Aggregate	Diesel	63525.2	2327128.372	2327128	0	291046.5	0	0.155959	0	0	0.155959	0.012977	0	0	0.012977	0.00513	0.008361	0.026468	0.013563	0
Statewide Totals	2028	MDV	Aggregate	Aggregate	Electricity	91567.26	3134876.304	0	3134876	459311.1	1210321	0	0	0	0	0	0	0	0	0.006911	0.005287	0.012198	0	0
Statewide Totals	2028	MDV	Aggregate	Aggregate	Plug-in Hyb	54425.2	2427080.433	1064794	1362287	225048.2	411451.2	0.007778	0	0.028132	0.035911	0.001129	0	0.000371	0.0015	0.005351	0.003735	0.010586	0.001228	0
Statewide Totals	2028	MH	Aggregate	Aggregate	Gasoline	69735.15	654125.1704	654125.2	0	6976.305	0	0.206225	0	0.003506	0.209731	0.00089	0	2.56E-06	0.000892	0.002163	0.011114	0.01417	0.000968	0
Statewide Totals	2028	MH	Aggregate	Aggregate	Diesel	35217.89	324772.05	324772	0	3521.789	0	1.376392	0	0	1.376392	0.033929	0	0	0.033929	0.001432	0.005499	0.04086	0.035464	0
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Gasoline	44664.81	2404708.227	2404708	0	893653.5	0	0.683015	0.004028	0.371447	1.05849	0.002889	0	0.00044	0.003329	0.007952	0.040762	0.052044	0.003142	0
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Diesel	295113.6	12360647.52	12360648	0	3537773	0	10.70888	3.522881	6.199732	20.43149	0.10617	0.00412	0	0.11029	0.040876	0.211001	0.362167	0.11097	0.004307
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Electricity	12311.06	664300.4021	0	664300.4	157511.8	711855.6	0	0	0	0	0	0	0	0	0.002197	0.005666	0.007863	0	0
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Natural Ga	3793.928	169239.7835	169239.8	0	33370.91	0	0.017297	0.027539	0	0.044836	0.000211	8.41E-05	0	0.000295	0.00056	0.002899	0.003754	0.00023	9.15E-05
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Gasoline	11380.87	474819.8527	474819.9	0	227708.3	0	0.216008	0.000763	0.100814	0.317585	0.000507	0	7.23E-05	0.000579	0.00157	0.008115	0.010264	0.000551	0
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Diesel	10984.62	737222.4761	737222.5	0	130504.8	0	1.236014	0.133439	0.22285	1.592302	0.024633	0.000155	0	0.024788	0.002438	0.016891	0.044118	0.025747	0.000162
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Electricity	256.962	21176.59316	0	21176.59	5141.296	22901	0	0	0	0	0	0	0	0	7E-05	0.000181	0.000251	0	0
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Natural Ga	843.5694	47204.16332	47204.16	0	7507.767	0	0.006516	0.001424	0	0.00794	5.22E-05	3.75E-06	0	5.6E-05	0.000156	0.000811	0.001023	5.68E-05	4.08E-06
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Gasoline	6726.772	355787.2368	355787.2	0	26907.09	0	0.195341	0.006517	0.022764	0.224622	0.000368	0	1.6E-05	0.000384	0.000784	0.006282	0.00745	0.0004	0
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Diesel	18640.9	404000.4482	404000.4	0	269920.2	0	1.776004	0.449384	0.144208	2.369596	0.009651	0.000387	0	0.010039	0.001336	0.007072	0.018446	0.010088	0.000405
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Electricity	660.6132	20180.34536	0	20180.35	8253.666	22075.89	0	0	0	0	0	0	0	0	5.97E-05	0.000178	0.000238	0	0
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Natural Ga	4926.531	117659.6753	117659.7	0	71336.17	0	0.082063	0.028161	0	0.110225	0.000511	7.27E-05	0	0.000584	0.000389	0.002105	0.003079	0.000556	7.91E-05
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Gasoline	2840.962	243018.5177	243018.5	0	11363.85	0	0.032106	0	0.008186	0.040292	0.000346	0	6.86E-06	0.000352	0.000651	0.009296	0.0103	0.000376	0
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Diesel	3218.207	319778.4739	319778.5	0	12872.83	0	0.129265	0	0	0.129265	0.002324	0	0	0.002324	0.002719	0.013546	0.018589	0.002429	0
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Electricity	1213.031	130609.1255	0	130609.1	4852.125	250072	0	0	0	0	0	0	0	0	0.001159	0.002771	0.00393	0	0
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Natural Ga	7614.639	877549.8095	877549.8	0	30458.56	0	0.34094	0	0	0.34094	0.000461	0	0	0.000461	0.007898	0.037142	0.045501	0.000482	0
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Gasoline	73.16594	7135.484472	7135.484	0	1463.904	0	0.030673	0	0.00028	0.030954	9.58E-06	0	1.03E-06	1.06E-05	3.93E-05	0.000244	0.000294	1.04E-05	0
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Diesel	340009.8	45771754.55	45771755	0	5547523	0	76.5296	25.67652	16.92249	119.1286	1.349747	0.011257	0	1.361004	0.448105	1.388075	3.197184	1.410777	0.011766
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Electricity	12304.73	1483236.284	0	1483236	176952.2	2702040	0	0	0	0	0	0	0	0	0.014248	0.024359	0.038607	0	0
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Natural Ga	21166.62	1317430.381	1317430	0	151532.3	0	0.963975	0.207095	0	1.171071	0.002473	0.000481	0	0.002955	0.01307	0.078141	0.094166	0.00269	0.000524
Statewide Totals	2029	LDA	Aggregate	Aggregate	Gasoline	12617064	494219801.3	4.94E+08	0	58412991	0	16.05302	0	13.52987	29.58289	0.559049	0	0.104901	0.663951	1.089569	1.458011	3.21153	0.608017	0
Statewide Totals	2029	LDA	Aggregate	Aggregate	Diesel	27398.56	821290.7172	821290.7	0	116339.6	0	0.107469	0	0	0.107469	0.008354	0	0	0.008354	0.001811	0.00247	0.012635	0.008732	0
Statewide Totals	2029	LDA	Aggregate	Aggregate	Electricity	1092504	49787926.28	0	49787926	5329746	19222249	0	0	0	0	0	0	0	0	0.109764	0.084146	0.193909	0	0
Statewide Totals	2029	LDA	Aggregate	Aggregate	Plug-in Hyb	473583.2	20822316.41	9396335	11425981	1958267	3450987	0.068652	0	0.244906	0.313558	0.010462	0	0.003413	0.013875	0.045905	0.031988	0.091768	0.011378	0
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Gasoline	1175801	40158563.69	40158564	0	5124068	0	4.582801	0	1.912849	6.495651	0.06844	0	0.01309	0.08153	0.088535	0.145807	0.315871	0.074434	0
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Diesel	78.58128	1212.976454	1212.976	0	224.4894	0	0.001439	0	0	0.001439	0.000225	0	0	0.000225	2.67E-06	4.75E-06	0.000232	0.000235	0
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Electricity	7578.589	357151.0954	0	357151.1	37314.27	137889.8	0	0	0	0	0	0	0	0	0.000787	0.000602	0.00139	0	0
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Plug-in Hyb	5865.768	282135.1293	117169.7	164965.4	24254.95	49824.47	0.000858	0	0.00303	0.003888	8.61E-05	0	2.78E-05	0.000114	0.000622	0.000437	0.001173	9.36E-05	0
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Gasoline	6745634	265424505.8	2.65E+08	0	31410486	0	13.85046	0	9.113253	22.96371	0.309687	0	0.056477	0.366164	0.585161	0.927027	1.878353	0.336813	0
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Diesel	24780.04	994476.7646	994476.8	0	116873.7	0	0.039631	0	0	0.039631	0.004662	0	0	0.004662	0.002192	0.003463	0.010317	0.004873	0
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Electricity	103169.3	3495577.831	0	3495578	515940.2	1349582	0	0	0	0	0	0	0	0	0.007706	0.005895	0.013602	0	0
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Plug-in Hyb	96050.93	4359300.25	1877627	2481673	397170.6	749539.1	0.01374	0	0.049653	0.063392	0.001673	0	0.000551	0.002224	0.009611	0.006731	0.018565	0.001819	0
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Gasoline	502634.5	18965743.04	18965743	0	7488506	0	2.454885	0.018044	4.581841	7.05477	0.026861	0	0.002015	0.028876	0.041812	0.570738	0.641426	0.029214	0
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Diesel	367488	13636000.13	13636000	0	4622537	0	18.81415	0.71523	0	19.52938	0.432427	0.010627	0	0.443054	0.045093	0.410349	0.898497	0.45198	0.011107
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Electricity	33861.75	2082554.057	0	2082554	473857.9	1258533	0	0	0	0	0	0	0	0	0.004591	0.031335	0.035926	0	0
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Gasoline	69930.83	2522912.716	2522913	0	1041865	0	0.266376	0.00249	0.649175	0.918041	0.002973	0	0.000193	0.003166	0.005562	0.088576	0.097304	0.003233	0
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Diesel	156496.5	5880464.262	5880464	0	1968529	0	6.236057	0.29072	0	6.526777	0.166709	0.004607	0	0.171316	0.019446	0.206455	0.397217	0.174247	0.004815
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Electricity	8679.131	509360.7544	0	509360.8	115111.3	305147	0	0	0	0	0	0	0	0	0.001123	0.008941	0.010064	0	0
Statewide Totals	2029	MCY	Aggregate	Aggregate	Gasoline	707626.6	4092316.055	4092316	0	1415253	0	2.4573	0	0.186346	2.643645	0.009009	0	0.004934	0.013943	0.004511	0.018946	0.037401	0.009646	0
Statewide Totals	2029	MDV	Aggregate	Aggregate	Gasoline	4235386	157396042.1	1.57E+08	0	19390458	0	11.40826	0	6.945018	18.35328	0.185599	0	0.036338	0.221936	0.346999	0.557815	1.126751	0.201855	0
Statewide Totals	2029	MDV	Aggregate	Aggregate	Diesel	62524.11	2267646.667	2267647	0	285658.1	0	0.133705	0	0	0.133705	0.01127	0	0	0.01127	0.004999	0.008171	0.02444	0.01178	0
Statewide Totals	2029	MDV	Aggregate	Aggregate	Electricity	105688.9	3563579.956	0	3563580	527741.7	1375836	0	0	0	0	0	0	0	0	0.007856	0.006013	0.01387	0	0
Statewide Totals	2029	MDV	Aggregate	Aggregate	Plug-in Hyb	60634.41	2671027.793	1157868	1513160	250723.3	457019.5	0.008458	0	0.031344	0.039802	0.001133	0	0.000384	0.001517	0.005889	0.004118	0.011523	0.001232	0
Statewide Totals	2029	MH	Aggregate	Aggregate	Gasoline	66636.52	631082.1512	631082.2	0	6666.318	0	0.176564	0	0.003422	0.179986	0.000827	0	2.35E-06	0.000829	0.002087	0.010722	0.013638	0.000899	0
Statewide Totals	2029	MH	Aggregate	Aggregate	Diesel	35012.64	321554.9745	321555	0	3501.264	0	1.322035	0	0	1.322035	0.031995	0	0	0.031995	0.001418	0.005444	0.038856	0.033442	0
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Gasoline	43416.29	2324785.851	2324786	0	868673.1	0	0.573875	0.00383	0.349482	0.927187	0.002805	0	0.000422	0.003227	0.007688	0.03941	0.050325	0.00305	0
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Diesel	295954.7	12259159.84	12259160	0	3549747	0	9.756872	3.378093	6.085065	19.22003	0.095388	0.003444	0	0.098832	0.04054	0.209259	0.348632	0.099701	0.0036
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Electricity	18734.58	1006224.977	0	1006225	239636.5	1077689	0	0	0	0	0	0	0	0	0.003328	0.008583	0.01191	0	0
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Natural Ga	3923.091	171777.7578	171777.8	0	34558.32	0	0.017001	0.028415	0	0.045416	0.000217	8.8E-05	0	0.000305	0.000568	0.002942	0.003816	0.000236	9.57E-05
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Gasoline	10952.63	446590.3567	446590.4	0	219140.2	0	0.189877	0.000722	0.09646	0.287059	0.000485	0	6.93E-05	0.000554	0.001477	0.007631	0.009662	0.000527	0
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Diesel	11187.32	740664.5337	740664.5	0	133123	0	1.21176	0.13133	0.220419	1.563508	0.023409	0.000144	0	0.023553	0.002449	0.017045	0.043047	0.024467	0.000151
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Electricity	381.6136	31178.07593	0	31178.08	7635.326	33718.59	0	0	0	0	0	0	0	0	0.000103	0.000266	0.000369	0	0
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Natural Ga	864.2463	47699.28803	47699.29	0	7691.792	0	0.006263	0.001456	0	0.007718	5.44E-05	3.93E-06	0	5.83E-05	0.000158	0.000819	0.001035	5.91E-05	4.27E-06
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Gasoline	6762.889	357014.4854	357014.5	0	27051.56	0	0.188751	0.006479	0.023408	0.218637	0.000366	0	1.61E-05	0.000383	0.000787	0.006304	0.007474	0.000399	0
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Diesel	18299.44	395483.3054	395483.3	0	264975.9	0	1.598596	0.420415	0.145741	2.164752	0.008818	0.000344	0	0.009162	0.001308	0.006921	0.017391	0.009217	0.000359
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Electricity	991.2162	30372.0923	0	30372.09	12404.84	33218.32	0	0	0	0	0	0	0	0	9E-05	0.000268	0.000358	0	0
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Natural Ga	5046.888	119061.2488	119061.2	0	73078.93	0	0.081	0.028818	0	0.109818	0.000518	7.52E-05	0	0.000593	0.000394	0.002131	0.003117	0.000563	8.18E-05
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Gasoline	2820.77	242499.2759	242499.3	0	11283.08	0	0.032085	0	0.007862	0.039947	0.000345	0	6.76E-06	0.000352	0.000648	0.009268	0.010268	0.000375	0
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Diesel	3040.169	295882.6843	295882.7	0	12160.67	0	0.117756	0	0	0.117756	0.00215	0	0	0.00215	0.002503	0.012531	0.017184	0.002247	0
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Electricity	1797.605	199181.6846	0	199181.7	7190.421	383105.5	0	0	0	0	0	0	0	0	0.001787	0.004227	0.006013	0	0
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Natural Ga	7332.492	844376.8279	844376.8	0	29329.97	0	0.261826	0	0	0.261826	0.000446	0	0	0.000446	0.007576	0.035734	0.043757	0.000466	0
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Gasoline	65.91173	6853.576406	6853.576	0	1318.762	0	0.024744	0	0.000254	0.024998	8.68E-06	0	7.61E-07	9.44E-06	3.78E-05	0.000234	0.000281	9.44E-06	0
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Diesel	343223	46195496.93	46195497	0	5609765	0	75.50232	25.62884	16.97622	118.1074	1.358078	0.011063	0	1.369141	0.452405	1.410341	3.231888	1.419485	0.011563
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Electricity	16761.12	2006822.496	0	2006822	238383.2	3656458	0	0	0	0	0	0	0	0	0.019263	0.033148	0.052411	0	0
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Natural Ga	21451.33	1326552.027	1326552	0	153757.9	0	0.899335	0.206094	0	1.105429	0.002435	0.000499	0	0.002934	0.01316	0.078796	0.09489	0.002648	0.000543
Statewide Totals	2030	LDA	Aggregate	Aggregate	Gasoline	12575248	492664868.9	4.93E+08	0	58223663	0	15.19966	0	13.10024	28.2999	0.524524	0	0.099422	0.623946	1.086141	1.452719	3.162806	0.570467	0
Statewide Totals	2030	LDA	Aggregate	Aggregate	Diesel	24084.43	732019.638	732019.6	0	103149.9	0	0.08112	0	0	0.08112	0.00588	0	0	0.00588	0.001614	0.002203	0.009697	0.006146	0
Statewide Totals	2030	LDA	Aggregate	Aggregate	Electricity	1164061	52461375.57	0	52461376	5658628	20254421	0	0	0	0	0	0	0	0	0.115658	0.088693	0.204351	0	0
Statewide Totals	2030	LDA	Aggregate	Aggregate	Plug-in Hyb	490725	21318733.91	9499152	11819582	2029148	3569866	0.069392	0	0.253794	0.323186	0.009945	0	0.003354	0.013299	0.047	0.032805	0.093104	0.010816	0
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Gasoline	1152397	39443600.95	39443601	0	5028510	0	3.990658	0	1.770188	5.760846	0.062172	0	0.012024	0.074195	0.086958	0.143073	0.304226	0.067617	0
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Diesel	24.68469	511.1963881	511.1964	0	80.22073	0	0.000383	0	0	0.000383	5.73E-05	0	0	5.73E-05	1.13E-06	1.91E-06	6.03E-05	5.98E-05	0
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Electricity	9083.711	429317.9483	0	429317.9	44803.09	165752.2	0	0	0	0	0	0	0	0	0.000946	0.000724	0.001671	0	0
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Plug-in Hyb	7050.692	335357.9818	138646.1	196711.9	29154.61	59412.86	0.001015	0	0.003642	0.004657	9.56E-05	0	3.14E-05	0.000127	0.000739	0.00052	0.001386	0.000104	0
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Gasoline	6843055	268210579.7	2.68E+08	0	31829792	0	13.04311	0	8.928941	21.97205	0.295105	0	0.054456	0.349561	0.591303	0.93762	1.878484	0.320954	0
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Diesel	25220.65	1006193.467	1006193	0	118695.5	0	0.038766	0	0	0.038766	0.004662	0	0	0.004662	0.002218	0.003508	0.010388	0.004873	0
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Electricity	119982.6	4012421.603	0	4012422	597712.9	1549126	0	0	0	0	0	0	0	0	0.008846	0.00677	0.015616	0	0
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Plug-in Hyb	106489.2	4766713.476	2035727	2730986	440332.9	824839.2	0.014894	0	0.055052	0.069946	0.001704	0	0.000577	0.002281	0.010509	0.007369	0.020159	0.001853	0
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Gasoline	494523.9	18579164.67	18579165	0	7367669	0	2.118353	0.017346	4.385872	6.52157	0.025768	0	0.001833	0.027601	0.04096	0.559105	0.627666	0.028025	0
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Diesel	361601.4	13321740.12	13321740	0	4548490	0	16.77403	0.679128	0	17.45316	0.399321	0.010423	0	0.409744	0.044054	0.400892	0.854691	0.417377	0.010894
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Electricity	46756.35	2806052.741	0	2806053	654341.2	1696273	0	0	0	0	0	0	0	0	0.006186	0.042221	0.048408	0	0
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Gasoline	68456.67	2454718.171	2454718	0	1019902	0	0.232307	0.002377	0.618561	0.853245	0.002862	0	0.000176	0.003038	0.005412	0.086182	0.094632	0.003113	0
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Diesel	156171.3	5799017.371	5799017	0	1964438	0	5.762773	0.280716	0	6.043488	0.158932	0.004595	0	0.163527	0.019177	0.203595	0.386299	0.166118	0.004802

Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Electricity	11985.53	686911.2688	0	686911.3	158945.3	411562.3	0	0	0	0	0	0	0	0	0.001514	0.012058	0.013573	0	0
Statewide Totals	2030	MCY	Aggregate	Aggregate	Gasoline	709779.3	4090022.284	4090022	0	1419559	0	2.415126	0	0.179129	2.594255	0.00904	0	0.004889	0.013929	0.004508	0.018936	0.037373	0.009682	0
Statewide Totals	2030	MDV	Aggregate	Aggregate	Gasoline	4248540	157637225.9	1.58E+08	0	19446036	0	10.41758	0	6.628545	17.04613	0.175844	0	0.034757	0.210602	0.347531	0.558998	1.11713	0.191247	0
Statewide Totals	2030	MDV	Aggregate	Aggregate	Diesel	61500.63	2209689.375	2209689	0	280163.8	0	0.115171	0	0	0.115171	0.00988	0	0	0.00988	0.004872	0.007979	0.022731	0.010327	0
Statewide Totals	2030	MDV	Aggregate	Aggregate	Electricity	120321.9	3998042.094	0	3998042	598206.5	1543574	0	0	0	0	0	0	0	0	0.008814	0.00675	0.015565	0	0
Statewide Totals	2030	MDV	Aggregate	Aggregate	Plug-in Hyb	66886.52	2911270.131	1249448	1661823	276575.8	501919.9	0.009127	0	0.034578	0.043704	0.001136	0	0.000396	0.001532	0.006418	0.004495	0.012446	0.001236	0
Statewide Totals	2030	MH	Aggregate	Aggregate	Gasoline	63938.37	611241.4189	611241.4	0	6396.395	0	0.152162	0	0.003346	0.155508	0.000778	0	2.19E-06	0.00078	0.002021	0.010384	0.013185	0.000846	0
Statewide Totals	2030	MH	Aggregate	Aggregate	Diesel	34816.2	318540.9956	318541	0	3481.62	0	1.270115	0	0	1.270115	0.030155	0	0	0.030155	0.001405	0.005392	0.036951	0.031518	0
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Gasoline	42084.3	2234914.9	2234915	0	842022.6	0	0.487876	0.003639	0.32876	0.820275	0.002711	0	0.000405	0.003116	0.007391	0.037889	0.048396	0.002949	0
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Diesel	295033.9	12086146.95	12086147	0	3540144	0	8.891736	3.235397	5.948512	18.07565	0.085971	0.002878	0	0.088849	0.039968	0.206296	0.335113	0.089858	0.003008
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Electricity	26847.55	1437338.083	0	1437338	343395.2	1538794	0	0	0	0	0	0	0	0	0.004753	0.012261	0.017014	0	0
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Natural Ga	4028.871	173095.5444	173095.5	0	35568.05	0	0.016626	0.029111	0	0.045737	0.000222	9.12E-05	0	0.000313	0.000572	0.002965	0.00385	0.000241	9.92E-05
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Gasoline	10523.58	418671.522	418671.5	0	210555.8	0	0.166924	0.000683	0.091522	0.259129	0.000461	0	6.64E-05	0.000528	0.001385	0.007154	0.009066	0.000502	0
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Diesel	11334.99	744140.2784	744140.3	0	134911.8	0	1.188132	0.128572	0.216808	1.533513	0.022507	0.000136	0	0.022643	0.002461	0.017191	0.042295	0.023525	0.000142
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Electricity	537.1611	43467.50107	0	43467.5	10747.52	47011.73	0	0	0	0	0	0	0	0	0.000144	0.000371	0.000515	0	0
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Natural Ga	880.2709	48107.03378	48107.03	0	7834.411	0	0.006083	0.00148	0	0.007563	5.6E-05	4.07E-06	0	6.01E-05	0.000159	0.000826	0.001045	6.09E-05	4.43E-06
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Gasoline	6765.951	356420.5962	356420.6	0	27063.81	0	0.176103	0.00642	0.023923	0.206446	0.000364	0	1.61E-05	0.00038	0.000786	0.006294	0.00746	0.000396	0
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Diesel	17890.55	385614.7266	385614.7	0	259055.2	0	1.418584	0.389653	0.147157	1.955394	0.007978	0.000301	0	0.008279	0.001275	0.006748	0.016302	0.008339	0.000315
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Electricity	1404.81	43250.16124	0	43250.16	17599.6	47293.34	0	0	0	0	0	0	0	0	0.000128	0.000381	0.000509	0	0
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Natural Ga	5149.805	119886.2275	119886.2	0	74569.17	0	0.079692	0.029376	0	0.109069	0.000521	7.75E-05	0	0.000599	0.000396	0.002145	0.00314	0.000567	8.43E-05
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Gasoline	2778.167	236786.139	236786.1	0	11112.67	0	0.031416	0	0.007774	0.03919	0.000336	0	6.55E-06	0.000343	0.000628	0.009019	0.00999	0.000366	0
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Diesel	2683.331	257542.1705	257542.2	0	10733.32	0	0.100302	0	0	0.100302	0.001861	0	0	0.001861	0.002151	0.010904	0.014916	0.001945	0
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Electricity	2891.442	324715.6013	0	324715.6	11565.77	624445	0	0	0	0	0	0	0	0	0.002869	0.00689	0.009759	0	0
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Natural Ga	6742.175	773872.01	773872	0	26968.7	0	0.202485	0	0	0.202485	0.000446	0	0	0.000446	0.006955	0.032742	0.040142	0.000466	0
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Gasoline	60.56274	6606.389175	6606.389	0	1211.739	0	0.022283	0	0.000146	0.02243	8.19E-06	0	6.06E-07	8.8E-06	3.64E-05	0.000225	0.00027	8.91E-06	0
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Diesel	347000.5	46971559.95	46971560	0	5685306	0	75.22872	25.72903	17.08955	118.0473	1.377084	0.010943	0	1.388027	0.460178	1.443013	3.291219	1.43935	0.011437
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Electricity	21928.67	2619903.228	0	2619903	310103.2	4773371	0	0	0	0	0	0	0	0	0.025142	0.043405	0.068547	0	0
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Natural Ga	21663.67	1335273.22	1335273	0	155662.5	0	0.837002	0.204988	0	1.04199	0.002402	0.000516	0	0.002918	0.013247	0.079246	0.095411	0.002612	0.000562
Statewide Totals	2031	LDA	Aggregate	Aggregate	Gasoline	12540563	491434775.7	4.91E+08	0	58071999	0	14.48808	0	12.72457	27.21266	0.492148	0	0.094069	0.586217	1.083429	1.451128	3.120774	0.535256	0
Statewide Totals	2031	LDA	Aggregate	Aggregate	Diesel	21834.04	656416.7712	656416.8	0	93181.97	0	0.066072	0	0	0.066072	0.004813	0	0	0.004813	0.001447	0.001979	0.008239	0.00503	0
Statewide Totals	2031	LDA	Aggregate	Aggregate	Electricity	1231583	54905700.82	0	54905701	5966287	21198132	0	0	0	0	0	0	0	0	0.121046	0.092854	0.2139	0	0
Statewide Totals	2031	LDA	Aggregate	Aggregate	Plug-in Hyb	506041.5	21740464.9	9575181	12165284	2092482	3674278	0.07	0	0.261737	0.331737	0.009436	0	0.003282	0.012718	0.04793	0.033529	0.094177	0.010263	0
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Gasoline	1130193	38797045.6	38797046	0	4940596	0	3.430146	0	1.636812	5.066957	0.056256	0	0.011007	0.067263	0.085533	0.140813	0.293609	0.061184	0
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Diesel	11.86851	357.8140292	357.814	0	46.45637	0	0.000136	0	0	0.000136	1.74E-05	0	0	1.74E-05	7.89E-07	1.26E-06	1.95E-05	1.82E-05	0
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Electricity	10593.34	499091.9128	0	499091.9	52235.62	192690.7	0	0	0	0	0	0	0	0	0.0011	0.000842	0.001942	0	0
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Plug-in Hyb	8228.023	386393.2044	159235.9	227157.3	34022.88	68608.27	0.001167	0	0.00425	0.005417	0.000105	0	3.5E-05	0.00014	0.000852	0.000599	0.001591	0.000114	0
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Gasoline	6932398	270681334.8	2.71E+08	0	32212705	0	12.31168	0	8.772121	21.0838	0.280794	0	0.052343	0.333137	0.596751	0.948929	1.878816	0.305389	0
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Diesel	25614.23	1016511.328	1016511	0	120314.7	0	0.038168	0	0	0.038168	0.004681	0	0	0.004681	0.002241	0.003554	0.010476	0.004892	0
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Electricity	136571.5	4504055.303	0	4504055	677563.1	1738937	0	0	0	0	0	0	0	0	0.00993	0.007603	0.017533	0	0
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Plug-in Hyb	116581.1	5147380.78	2182653	2964727	482063	895436	0.015981	0	0.060273	0.076254	0.00173	0	0.000602	0.002332	0.011348	0.007972	0.021652	0.001882	0
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Gasoline	485738.5	18143149.47	18143149	0	7236780	0	1.799812	0.016665	4.200286	6.016763	0.02465	0	0.001659	0.026309	0.039999	0.545984	0.612291	0.026809	0
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Diesel	355123.5	12977919.25	12977919	0	4467007	0	14.93833	0.643912	0	15.58224	0.368505	0.010204	0	0.378708	0.042917	0.390546	0.812171	0.385167	0.010665
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Electricity	61871.89	3627645.465	0	3627645	865911	2193564	0	0	0	0	0	0	0	0	0.007998	0.054584	0.062581	0	0
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Gasoline	66841.46	2381122.903	2381123	0	995838.1	0	0.200943	0.002264	0.588417	0.791624	0.002749	0	0.000159	0.002908	0.005249	0.083598	0.091756	0.00299	0
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Diesel	155345.1	5698025.306	5698025	0	1954046	0	5.33209	0.270543	0	5.602633	0.151426	0.00455	0	0.155976	0.018843	0.20005	0.374869	0.158272	0.004756
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Electricity	15860.33	888740.4637	0	888740.5	210301.7	532548.4	0	0	0	0	0	0	0	0	0.001959	0.015601	0.017561	0	0
Statewide Totals	2031	MCY	Aggregate	Aggregate	Gasoline	711562.7	4088067.239	4088067	0	1423125	0	2.377039	0	0.171973	2.549012	0.009062	0	0.00482	0.013881	0.004506	0.018927	0.037314	0.009709	0
Statewide Totals	2031	MDV	Aggregate	Aggregate	Gasoline	4263604	157916618.5	1.58E+08	0	19509442	0	9.585274	0	6.366325	15.9516	0.166761	0	0.033233	0.199994	0.348147	0.561322	1.109463	0.181368	0
Statewide Totals	2031	MDV	Aggregate	Aggregate	Diesel	60486.98	2155583.384	2155583	0	274814.5	0	0.099255	0	0	0.099255	0.008653	0	0	0.008653	0.004752	0.007806	0.021211	0.009044	0
Statewide Totals	2031	MDV	Aggregate	Aggregate	Electricity	134662.7	4408375.243	0	4408375	666549.5	1701997	0	0	0	0	0	0	0	0	0.009719	0.007447	0.017166	0	0
Statewide Totals	2031	MDV	Aggregate	Aggregate	Plug-in Hyb	72991.05	3138004.774	1335846	1802159	301818	544305.7	0.009766	0	0.037735	0.047502	0.001139	0	0.000408	0.001547	0.006918	0.004855	0.01332	0.001239	0
Statewide Totals	2031	MH	Aggregate	Aggregate	Gasoline	61504.44	593464.2782	593464.3	0	6152.904	0	0.135484	0	0.003254	0.138738	0.000743	0	2.07E-06	0.000745	0.001963	0.010081	0.012789	0.000808	0
Statewide Totals	2031	MH	Aggregate	Aggregate	Diesel	34607.72	315632.5295	315632.5	0	3460.772	0	1.219852	0	0	1.219852	0.028354	0	0	0.028354	0.001392	0.005342	0.035088	0.029636	0
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Gasoline	40729.54	2142428.607	2142429	0	814916.7	0	0.417718	0.003454	0.311532	0.732704	0.002616	0	0.00039	0.003006	0.007085	0.036323	0.046414	0.002845	0
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Diesel	293727.2	11930553.81	11930554	0	3526137	0	8.132142	3.099415	5.805614	17.03717	0.078203	0.00242	0	0.080622	0.039454	0.203625	0.323701	0.081739	0.002529
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Electricity	36968.55	1961509.242	0	1961509	472665.4	2098497	0	0	0	0	0	0	0	0	0.006487	0.016731	0.023218	0	0
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Natural Ga	4121.584	174020.1267	174020.1	0	36499.21	0	0.016224	0.029698	0	0.045922	0.000225	9.42E-05	0	0.00032	0.000575	0.002981	0.003876	0.000245	0.000102
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Gasoline	10126.06	392498.0015	392498	0	202602.2	0	0.147797	0.000648	0.08765	0.236094	0.000439	0	6.4E-05	0.000503	0.001298	0.006706	0.008507	0.000478	0
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Diesel	11440.12	747577.6993	747577.7	0	136137.6	0	1.159371	0.125389	0.212491	1.497251	0.021695	0.000129	0	0.021825	0.002472	0.017334	0.041631	0.022676	0.000135
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Electricity	707.9352	56602.17826	0	56602.18	14164.37	61220.23	0	0	0	0	0	0	0	0	0.000187	0.000483	0.00067	0	0
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Natural Ga	894.8859	48478.72754	48478.73	0	7964.484	0	0.005952	0.001502	0	0.007453	5.73E-05	4.2E-06	0	6.15E-05	0.00016	0.000832	0.001054	6.24E-05	4.57E-06
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Gasoline	6741.307	354299.6402	354299.6	0	26965.23	0	0.16107	0.006339	0.024239	0.191648	0.000362	0	1.6E-05	0.000378	0.000781	0.006257	0.007416	0.000393	0
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Diesel	17439.99	374804.1378	374804.1	0	252531	0	1.238433	0.357906	0.148445	1.744785	0.007126	0.00026	0	0.007386	0.001239	0.006557	0.015183	0.007448	0.000272
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Electricity	1878.904	57865.95804	0	57865.96	23590.17	63267.44	0	0	0	0	0	0	0	0	0.000172	0.00051	0.000682	0	0
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Natural Ga	5238.89	120294.1705	120294.2	0	75859.13	0	0.078144	0.029857	0	0.108001	0.000523	7.95E-05	0	0.000602	0.000398	0.002153	0.003153	0.000569	8.64E-05
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Gasoline	2634.319	228524.3214	228524.3	0	10537.28	0	0.02972	0	0.007058	0.036778	0.000323	0	5.85E-06	0.000329	0.0006	0.008662	0.009591	0.000351	0
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Diesel	2393.267	223661.6241	223661.6	0	9573.067	0	0.085359	0	0	0.085359	0.001569	0	0	0.001569	0.001842	0.009466	0.012877	0.00164	0
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Electricity	4240.531	502439.4354	0	502439.4	16962.12	972982.5	0	0	0	0	0	0	0	0	0.004459	0.010662	0.01512	0	0
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Natural Ga	5931.018	649261.4641	649261.5	0	23724.07	0	0.087853	0	0	0.087853	0.000413	0	0	0.000413	0.00579	0.027453	0.033656	0.000432	0
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Gasoline	55.98142	6360.930197	6360.93	0	1120.076	0	0.020078	0	0.000142	0.02022	7.83E-06	0	5.42E-07	8.37E-06	3.51E-05	0.000216	0.00026	8.51E-06	0
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Diesel	350357.3	47743653.07	47743653	0	5756980	0	75.02926	25.85224	17.1982	118.0797	1.394683	0.010905	0	1.405587	0.467923	1.475468	3.348978	1.457744	0.011398
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Electricity	27534.57	3291709.671	0	3291710	387113.3	5996701	0	0	0	0	0	0	0	0	0.031588	0.054646	0.086235	0	0
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Natural Ga	21783.68	1339797.769	1339798	0	156902.1	0	0.778873	0.203097	0	0.981969	0.002376	0.000532	0	0.002908	0.013292	0.079396	0.095596	0.002584	0.000579
Statewide Totals	2032	LDA	Aggregate	Aggregate	Gasoline	12513071	490567212.3	4.91E+08	0	57960126	0	13.88318	0	12.39187	26.27505	0.46178	0	0.08878	0.55056	1.081516	1.450213	3.082289	0.502228	0
Statewide Totals	2032	LDA	Aggregate	Aggregate	Diesel	19400.61	587561.6492	587561.6	0	83142.75	0	0.051479	0	0	0.051479	0.003499	0	0	0.003499	0.001295	0.001772	0.006567	0.003658	0
Statewide Totals	2032	LDA	Aggregate	Aggregate	Electricity	1294474	57108549.27	0	57108549	6250316	22048613	0	0	0	0	0	0	0	0	0.125903	0.096607	0.22251	0	0
Statewide Totals	2032	LDA	Aggregate	Aggregate	Plug-in Hyb	519689	22099228.16	9630241	12468987	2148914	3766006	0.07044	0	0.268817	0.339256	0.00894	0	0.0032	0.01214	0.04872	0.034145	0.095005	0.009723	0
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Gasoline	1110385	38222875.08	38222875	0	4862361	0	2.96038	0	1.521736	4.482116	0.051093	0	0.010105	0.061197	0.084267	0.138728	0.284192	0.055568	0
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Diesel	8.363498	316.3781991	316.3782	0	37.76415	0	5.17E-05	0	0	5.17E-05	4.61E-06	0	0	4.61E-06	6.97E-07	1.09E-06	6.4E-06	4.82E-06	0
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Electricity	12077.04	565138.4354	0	565138.4	59463.4	218190.1	0	0	0	0	0	0	0	0	0.001246	0.000954	0.0022	0	0
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Plug-in Hyb	9382.133	434591.9295	178676.2	255915.7	38795.12	77294.17	0.00131	0	0.004847	0.006156	0.000113	0	3.85E-05	0.000152	0.000958	0.000675	0.001785	0.000123	0
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Gasoline	7015203	272901844.5	2.73E+08	0	32565470	0	11.66839	0	8.641374	20.30977	0.266913	0	0.050196	0.317109	0.601646	0.958549	1.877304	0.290292	0
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Diesel	25949.95	1025232.606	1025233	0	121699.8	0	0.037583	0	0	0.037583	0.004682	0	0	0.004682	0.00226	0.003591	0.010533	0.004894	0
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Electricity	152701.1	4963882.116	0	4963882	754357.4	1916468	0	0	0	0	0	0	0	0	0.010943	0.008383	0.019327	0	0
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Plug-in Hyb	126250.8	5499468.081	2317920	3181548	522047.1	960922.4	0.016979	0	0.065276	0.082256	0.001751	0	0.000623	0.002374	0.012124	0.008529	0.023027	0.001904	0
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Gasoline	476761.8	17668331.72	17668332	0	7103041	0	1.537865	0.016022	4.025583	5.57947	0.02363	0	0.001518	0.025148	0.038952	0.531695	0.595795	0.0257	0
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Diesel	348448.2	12612971.34	12612971	0	4383040	0	13.29408	0.61079	0	13.90487	0.342654	0.010012	0	0.352667	0.04171	0.379563	0.77394	0.358147	0.010465
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Electricity	79171.97	4540717.871	0	4540718	1108044	2746448	0	0	0	0	0	0	0	0	0.010011	0.068322	0.078333	0	0
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Gasoline	65104.57	2302564.976	2302565	0	969961.1	0	0.173532	0.002151	0.557872	0.733555	0.002639	0	0.000145	0.002783	0.005076	0.08084	0.088699	0.00287	0
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Diesel	154061.5	5578491.804	5578492	0	1937900	0	4.926658	0.260327	0	5.186986	0.144446	0.004505	0	0.148951	0.018448	0.195853	0.363252	0.150977	0.004709
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Electricity	20297.79	1113413.067	0	1113413	269099.3	667256.1	0	0	0	0	0	0	0	0	0.002455	0.019545	0.022	0	0
Statewide Totals	2032	MCY	Aggregate	Aggregate	Gasoline	714182.7	4087750.141	4087750	0	1428365	0	2.34441	0	0.165892	2.510302	0.009097	0	0.004782	0.013879	0.004506	0.018925	0.03731	0.009749	0
Statewide Totals	2032	MDV	Aggregate	Aggregate	Gasoline	4280151	158225210.8	1.58E+08	0	19578508	0	8.889888	0	6.15044	15.04033	0.158246	0	0.031762	0.190007	0.348827	0.563504	1.102339	0.172106	0
Statewide Totals	2032	MDV	Aggregate	Aggregate	Diesel	59459.3	2103429.035	2103429	0	269393.2	0	0.087553	0	0	0.087553	0.007798	0	0	0.007798	0.004637	0.007632	0.020067	0.00815	0
Statewide Totals	2032	MDV	Aggregate	Aggregate	Electricity	148523.7	4789759.004	0	4789759	731886.7	1849242	0	0	0	0	0	0	0	0	0.01056	0.008096	0.018656	0	0
Statewide Totals	2032	MDV	Aggregate	Aggregate	Plug-in Hyb	78821.48	3347219.82	1415211	1932009	325926.8	583524.3	0.010352	0	0.040752	0.051104	0.001139	0	0.000418	0.001557	0.007379	0.005187	0.014123	0.001239	0
Statewide Totals	2032	MH	Aggregate	Aggregate	Gasoline	59280.35	577501.9315	577501.9	0	5930.407	0	0.120783	0	0.003166	0.123949	0.000718	0	2E-06	0.00072	0.00191	0.009809	0.012439	0.000781	0
Statewide Totals	2032	MH	Aggregate	Aggregate	Diesel	34415.07	313036.4651	313036.5	0	3441.507	0	1.172329	0	0	1.172329	0.026627	0	0	0.026627	0.00138	0.005298	0.033305	0.027831	0
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Gasoline	39349.17	2049085.4	2049085	0	787298.2	0	0.363155	0.003274	0.296563	0.662992	0.002517	0	0.000374	0.002891	0.006776	0.034743	0.04441	0.002737	0
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Diesel	291109.3	11750779.41	11750779	0	3496043	0	7.466661	2.9649	5.64676	16.07832	0.0716	0.002078	0	0.073678	0.038859	0.200537	0.313074	0.074837	0.002172
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Electricity	47843.53	2522016.723	0	2522017	611809.6	2696879	0	0	0	0	0	0	0	0	0.00834	0.021511	0.029851	0	0
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Natural Ga	4179.868	173803.6201	173803.6	0	37086.85	0	0.015743	0.030051	0	0.045794	0.000228	9.64E-05	0	0.000324	0.000575	0.002977	0.003876	0.000248	0.000105
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Gasoline	9730.306	367608.3028	367608.3	0	194684	0	0.128983	0.000614	0.083874	0.213472	0.000418	0	6.17E-05	0.000479	0.001216	0.00628	0.007975	0.000454	0
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Diesel	11516.04	750967.4852	750967.5	0	136943.7	0	1.122659	0.121699	0.20742	1.451778	0.020826	0.000124	0	0.020949	0.002483	0.017472	0.040905	0.021767	0.000129
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Electricity	889.4259	70179.93448	0	70179.93	17795.63	75909.14	0	0	0	0	0	0	0	0	0.000232	0.000599	0.000831	0	0
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Natural Ga	907.7988	48856.89616	48856.9	0	8079.41	0	0.005844	0.001521	0	0.007365	5.86E-05	4.32E-06	0	6.29E-05	0.000162	0.000839	0.001063	6.37E-05	4.7E-06
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Gasoline	6689.256	350722.8867	350722.9	0	26757.02	0	0.13997	0.006236	0.024457	0.170662	0.000357	0	1.59E-05	0.000373	0.000773	0.006194	0.007341	0.000389	0
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Diesel	16968.41	363433.0661	363433.1	0	245702.5	0	1.065638	0.326182	0.149495	1.541315	0.006287	0.000222	0	0.00651	0.001202	0.006357	0.014069	0.006571	0.000232
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Electricity	2398.551	73813.0264	0	73813.03	30164.05	80700.14	0	0	0	0	0	0	0	0	0.00022	0.00065	0.00087	0	0
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Natural Ga	5313.42	120289.8621	120289.9	0	76938.32	0	0.076327	0.030253	0	0.10658	0.000523	8.13E-05	0	0.000604	0.000398	0.002153	0.003155	0.000569	8.84E-05
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Gasoline	2605.541	226840.1564	226840.2	0	10422.17	0	0.030852	0	0.007066	0.037918	0.00032	0	5.67E-06	0.000326	0.000593	0.008585	0.009504	0.000348	0
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Diesel	2027.51	184017.1067	184017.1	0	8110.04	0	0.06954	0	0	0.06954	0.001289	0	0	0.001289	0.001501	0.007783	0.010573	0.001347	0
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Electricity	4956.48	579038.6821	0	579038.7	19825.92	1110491	0	0	0	0	0	0	0	0	0.005112	0.012287	0.017399	0	0

Statewide Totals	2032	UBUS	Aggregate	Aggregate	Natural Ga	5713.476	624948.4178	624948.4	0	22853.91	0	0.072343	0	0	0.072343	0.000422	0	0	0.000422	0.005573	0.02642	0.032415	0.000441	0
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Gasoline	52.83437	6139.812658	6139.813	0	1057.11	0	0.018728	0	9.17E-05	0.018819	7.56E-06	0	5.06E-07	8.06E-06	3.38E-05	0.000209	0.000251	8.22E-06	0
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Diesel	353488.5	48559935.73	48559936	0	5828242	0	74.9231	26.00085	17.31581	118.2398	1.415033	0.010883	0	1.425916	0.476121	1.508107	3.410144	1.479014	0.011375
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Electricity	33416.03	3969000.049	0	3969000	466080.1	7231420	0	0	0	0	0	0	0	0	0.038072	0.065976	0.104047	0	0
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Natural Ga	21814.14	1340502.418	1340502	0	157576.5	0	0.726976	0.200751	0	0.927727	0.002351	0.000546	0	0.002897	0.013299	0.079228	0.095424	0.002557	0.000594
Statewide Totals	2033	LDA	Aggregate	Aggregate	Gasoline	12494333	490044152.4	4.9E+08	0	57890194	0	13.37925	0	12.10265	25.48191	0.433888	0	0.083735	0.517623	1.080363	1.450452	3.048438	0.471893	0
Statewide Totals	2033	LDA	Aggregate	Aggregate	Diesel	17624.42	529930.3195	529930.3	0	75265.69	0	0.043067	0	0	0.043067	0.002939	0	0	0.002939	0.001168	0.0016	0.005707	0.003072	0
Statewide Totals	2033	LDA	Aggregate	Aggregate	Electricity	1352656	59079946.29	0	59079946	6510777	22809735	0	0	0	0	0	0	0	0	0.130249	0.099967	0.230216	0	0
Statewide Totals	2033	LDA	Aggregate	Aggregate	Plug-in Hyb	531720.2	22401137.64	9667491	12733647	2198663	3845941	0.070777	0	0.275059	0.345836	0.008466	0	0.003111	0.011577	0.049386	0.034671	0.095634	0.009208	0
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Gasoline	1093114	37726555.22	37726555	0	4794438	0	2.576799	0	1.423906	4.000704	0.046623	0	0.0093	0.055923	0.083173	0.137021	0.276117	0.050707	0
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Diesel	8.644749	327.8772313	327.8772	0	39.15701	0	4.7E-05	0	0	4.7E-05	4.28E-06	0	0	4.28E-06	7.23E-07	1.14E-06	6.14E-06	4.47E-06	0
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Electricity	13532.96	627510.1293	0	627510.1	66479.13	242270.7	0	0	0	0	0	0	0	0	0.001383	0.00106	0.002443	0	0
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Plug-in Hyb	10509.25	479961.3845	196968.1	282993.3	43455.76	85472.42	0.001445	0	0.005429	0.006874	0.000121	0	4.19E-05	0.000163	0.001058	0.000746	0.001967	0.000132	0
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Gasoline	7089141	274843228.8	2.75E+08	0	32880364	0	11.07404	0	8.525521	19.59956	0.253371	0	0.047975	0.301346	0.605926	0.967506	1.874778	0.275564	0
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Diesel	26250.86	1033032.899	1033033	0	122940	0	0.037214	0	0	0.037214	0.004703	0	0	0.004703	0.002277	0.003626	0.010606	0.004916	0
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Electricity	168288.6	5391603.061	0	5391603	827777.1	2081604	0	0	0	0	0	0	0	0	0.011886	0.00911	0.020996	0	0
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Plug-in Hyb	135411.7	5821909.512	2441025	3380884	559927.3	1021128	0.017894	0	0.070017	0.087911	0.001765	0	0.000642	0.002407	0.012835	0.009041	0.024283	0.00192	0
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Gasoline	466482.4	17139587.59	17139588	0	6949893	0	1.387901	0.01537	3.827444	5.230715	0.022509	0	0.001362	0.023871	0.037786	0.515783	0.57744	0.024481	0
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Diesel	340889.5	12215381.62	12215382	0	4287961	0	11.77566	0.577856	0	12.35352	0.318969	0.0098	0	0.328769	0.040395	0.367599	0.736763	0.333391	0.010243
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Electricity	98631.91	5539948.044	0	5539948	1380391	3352455	0	0	0	0	0	0	0	0	0.012213	0.083357	0.095571	0	0
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Gasoline	63310.08	2220750.952	2220751	0	943225.8	0	0.153089	0.002042	0.527608	0.682739	0.002537	0	0.000133	0.002671	0.004896	0.077967	0.085534	0.00276	0
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Diesel	152384.6	5443006.309	5443006	0	1916806	0	4.559426	0.25021	0	4.809636	0.138125	0.004448	0	0.142573	0.018	0.191096	0.351669	0.14437	0.004649
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Electricity	25288.32	1359523.936	0	1359524	335210	815022.5	0	0	0	0	0	0	0	0	0.002997	0.023866	0.026863	0	0
Statewide Totals	2033	MCY	Aggregate	Aggregate	Gasoline	717651.8	4089315.763	4089316	0	1435304	0	2.317567	0	0.161128	2.478695	0.00919	0	0.004861	0.014051	0.004508	0.018932	0.037491	0.00985	0
Statewide Totals	2033	MDV	Aggregate	Aggregate	Gasoline	4297289	158554129.9	1.59E+08	0	19650263	0	8.2925	0	5.971701	14.2642	0.150216	0	0.03031	0.180526	0.349552	0.565886	1.095964	0.163374	0
Statewide Totals	2033	MDV	Aggregate	Aggregate	Diesel	58416.97	2054939.955	2054940	0	264067	0	0.077895	0	0	0.077895	0.007035	0	0	0.007035	0.00453	0.007469	0.019034	0.007353	0
Statewide Totals	2033	MDV	Aggregate	Aggregate	Electricity	161847.7	5142228.696	0	5142229	794004.7	1985325	0	0	0	0	0	0	0	0	0.011337	0.008696	0.020033	0	0
Statewide Totals	2033	MDV	Aggregate	Aggregate	Plug-in Hyb	84408.02	3540949.941	1488545	2052405	349027.2	619887.6	0.010898	0	0.043643	0.054541	0.001139	0	0.000427	0.001565	0.007806	0.005495	0.014867	0.001238	0
Statewide Totals	2033	MH	Aggregate	Aggregate	Gasoline	57366.81	564080.3739	564080.4	0	5738.976	0	0.108127	0	0.003086	0.111212	0.000697	0	1.94E-06	0.000699	0.001865	0.009579	0.012143	0.000758	0
Statewide Totals	2033	MH	Aggregate	Aggregate	Diesel	34190.62	310445.4789	310445.5	0	3419.062	0	1.125175	0	0	1.125175	0.024944	0	0	0.024944	0.001369	0.005252	0.031565	0.026071	0
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Gasoline	37931.28	1954515.061	1954515	0	758929.1	0	0.316711	0.003097	0.282277	0.602085	0.002411	0	0.000359	0.00277	0.006463	0.033132	0.042366	0.002622	0
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Diesel	287220.6	11547153.33	11547153	0	3450479	0	6.867019	2.83031	5.47085	15.16818	0.06607	0.001795	0	0.067866	0.038186	0.196999	0.30305	0.069058	0.001877
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Electricity	59647.67	3117639.293	0	3117639	762916.7	3333367	0	0	0	0	0	0	0	0	0.01031	0.026586	0.036896	0	0
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Natural Ga	4217.682	172943.0212	172943	0	37500.68	0	0.015228	0.030254	0	0.045482	0.000228	9.82E-05	0	0.000326	0.000572	0.002962	0.00386	0.000248	0.000107
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Gasoline	9343.694	343921.9765	343922	0	186948.6	0	0.114055	0.000583	0.078747	0.193384	0.000396	0	5.91E-05	0.000455	0.001137	0.005875	0.007467	0.000431	0
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Diesel	11565.15	754130.5973	754130.6	0	137338	0	1.081503	0.117478	0.201919	1.400899	0.019901	0.000117	0	0.020019	0.002494	0.017602	0.040115	0.020801	0.000123
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Electricity	1081.998	84210.28034	0	84210.28	21648.61	91088.79	0	0	0	0	0	0	0	0	0.000278	0.000718	0.000997	0	0
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Natural Ga	920.5295	49415.96113	49415.96	0	8192.713	0	0.00576	0.00154	0	0.007299	6.01E-05	4.44E-06	0	6.45E-05	0.000163	0.000848	0.001076	6.53E-05	4.83E-06
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Gasoline	6601.495	345478.2517	345478.3	0	26405.98	0	0.115105	0.006107	0.024495	0.145707	0.000351	0	1.56E-05	0.000366	0.000762	0.006102	0.00723	0.000381	0
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Diesel	16480.98	351778.1505	351778.2	0	238644.6	0	0.90707	0.295289	0.150311	1.35267	0.005497	0.000188	0	0.005684	0.001163	0.006153	0.013	0.005745	0.000196
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Electricity	2957.986	90927.0406	0	90927.04	37235.11	99413.19	0	0	0	0	0	0	0	0	0.000271	0.000801	0.001072	0	0
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Natural Ga	5368.543	119772.8316	119772.8	0	77736.5	0	0.074172	0.030539	0	0.104711	0.000521	8.28E-05	0	0.000603	0.000396	0.002143	0.003143	0.000566	9E-05
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Gasoline	2458.042	216090.8709	216090.9	0	9832.169	0	0.028025	0	0.006353	0.034378	0.000303	0	4.95E-06	0.000308	0.000557	0.008122	0.008987	0.00033	0
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Diesel	1806.307	170064.8222	170064.8	0	7225.228	0	0.063728	0	0	0.063728	0.001187	0	0	0.001187	0.001375	0.007191	0.009753	0.001241	0
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Electricity	5700.897	641511.8164	0	641511.8	22803.59	1227083	0	0	0	0	0	0	0	0	0.005596	0.013613	0.019209	0	0
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Natural Ga	5441.577	598129.4347	598129.4	0	21766.31	0	0.069393	0	0	0.069393	0.000421	0	0	0.000421	0.005339	0.025281	0.031041	0.00044	0
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Gasoline	50.36405	5922.814834	5922.815	0	1007.684	0	0.017621	0	5.67E-05	0.017678	7.33E-06	0	4.81E-07	7.81E-06	3.26E-05	0.000202	0.000242	7.97E-06	0
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Diesel	356554.7	49434540	49434540	0	5902380	0	74.99431	26.19116	17.44286	118.6283	1.434694	0.01088	0	1.445574	0.484914	1.543237	3.473725	1.499564	0.011372
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Electricity	39493.12	4637934.037	0	4637934	545262.5	8450607	0	0	0	0	0	0	0	0	0.044451	0.077272	0.121723	0	0
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Natural Ga	21778.84	1338731.177	1338731	0	157939.3	0	0.680503	0.198619	0	0.879122	0.002332	0.000559	0	0.002891	0.013281	0.078876	0.095049	0.002537	0.000608
Statewide Totals	2034	LDA	Aggregate	Aggregate	Gasoline	12482174	489828263.9	4.9E+08	0	57856507	0	12.93877	0	11.84502	24.7838	0.407615	0	0.078947	0.486562	1.079887	1.448977	3.015426	0.443318	0
Statewide Totals	2034	LDA	Aggregate	Aggregate	Diesel	16029.29	480762.0967	480762.1	0	68297.58	0	0.036325	0	0	0.036325	0.002463	0	0	0.002463	0.00106	0.001449	0.004972	0.002575	0
Statewide Totals	2034	LDA	Aggregate	Aggregate	Electricity	1406153	60833654.97	0	60833655	6748312	23486812	0	0	0	0	0	0	0	0	0.134115	0.102959	0.237074	0	0
Statewide Totals	2034	LDA	Aggregate	Aggregate	Plug-in Hyb	542264.8	22653209.17	9690590	12962619	2242265	3915097	0.070937	0	0.280531	0.351468	0.008007	0	0.003015	0.011023	0.049942	0.035096	0.096061	0.008709	0
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Gasoline	1075762	37260627.88	37260628	0	4728819	0	2.244325	0	1.336803	3.581127	0.042226	0	0.008503	0.050728	0.082146	0.135129	0.268003	0.045924	0
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Diesel	8.915111	338.4921015	338.4921	0	40.48217	0	4.29E-05	0	0	4.29E-05	3.98E-06	0	0	3.98E-06	7.46E-07	1.18E-06	5.9E-06	4.16E-06	0
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Electricity	14954.38	686092.5839	0	686092.6	73255.03	264888.4	0	0	0	0	0	0	0	0	0.001513	0.001159	0.002672	0	0
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Plug-in Hyb	11605.27	522476.4215	214103.1	308373.3	47987.78	93137.94	0.00157	0	0.005996	0.007566	0.000128	0	4.52E-05	0.000173	0.001152	0.000813	0.002138	0.000139	0
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Gasoline	7156983	276578794.5	2.77E+08	0	33168275	0	10.5523	0	8.431362	18.98366	0.240309	0	0.045788	0.286097	0.609752	0.973941	1.86979	0.261358	0
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Diesel	26510.8	1039752.571	1039753	0	124017.6	0	0.036876	0	0	0.036876	0.004718	0	0	0.004718	0.002292	0.00365	0.010661	0.004932	0
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Electricity	183289.5	5787735.029	0	5787735	897688.6	2234543	0	0	0	0	0	0	0	0	0.01276	0.009783	0.022543	0	0
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Plug-in Hyb	144073	6116715.299	2553089	3563626	595741.7	1076321	0.018712	0	0.0745	0.093212	0.001773	0	0.000658	0.002431	0.013485	0.009505	0.025421	0.001928	0
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Gasoline	454860.5	16558788.16	16558788	0	6776744	0	1.224389	0.014708	3.655137	4.894233	0.021249	0	0.001188	0.022437	0.036506	0.498305	0.557248	0.02311	0
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Diesel	332965.5	11797368.75	11797369	0	4188287	0	10.45478	0.546578	0	11.00136	0.298622	0.009572	0	0.308194	0.039013	0.355019	0.702226	0.312124	0.010005
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Electricity	120194.5	6619124.88	0	6619125	1682140	4006478	0	0	0	0	0	0	0	0	0.014593	0.099595	0.114188	0	0
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Gasoline	61325.91	2132771.846	2132772	0	913664.6	0	0.134374	0.00193	0.496895	0.633199	0.002432	0	0.000122	0.002554	0.004702	0.074879	0.082134	0.002645	0
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Diesel	150277.5	5291489.005	5291489	0	1890302	0	4.237807	0.240135	0	4.477943	0.13244	0.004371	0	0.13681	0.017499	0.185777	0.340086	0.138428	0.004568
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Electricity	30819.35	1625641.664	0	1625642	408466.9	974657.1	0	0	0	0	0	0	0	0	0.003584	0.028537	0.032121	0	0
Statewide Totals	2034	MCY	Aggregate	Aggregate	Gasoline	721047.7	4091407.178	4091407	0	1442095	0	2.293072	0	0.1565	2.449572	0.009268	0	0.004936	0.014204	0.00451	0.018942	0.037656	0.009935	0
Statewide Totals	2034	MDV	Aggregate	Aggregate	Gasoline	4314393	158893974.2	1.59E+08	0	19722973	0	7.762134	0	5.82324	13.58537	0.142341	0	0.028838	0.171179	0.350301	0.567273	1.088754	0.154809	0
Statewide Totals	2034	MDV	Aggregate	Aggregate	Diesel	57366.06	2010510.204	2010510	0	258903.9	0	0.069199	0	0	0.069199	0.00627	0	0	0.00627	0.004432	0.007302	0.018004	0.006554	0
Statewide Totals	2034	MDV	Aggregate	Aggregate	Electricity	174614.3	5466794.403	0	5466794	852877.3	2110634	0	0	0	0	0	0	0	0	0.012052	0.00925	0.021302	0	0
Statewide Totals	2034	MDV	Aggregate	Aggregate	Plug-in Hyb	89686.2	3717912.236	1555220	2162693	370852.4	653197.6	0.011386	0	0.046374	0.05776	0.001134	0	0.000434	0.001568	0.008197	0.005775	0.015539	0.001234	0
Statewide Totals	2034	MH	Aggregate	Aggregate	Gasoline	55588.3	552046.9766	552047	0	5561.054	0	0.096925	0	0.003	0.099925	0.000679	0	1.88E-06	0.000681	0.001826	0.009374	0.011881	0.000739	0
Statewide Totals	2034	MH	Aggregate	Aggregate	Diesel	33935.52	307868.3446	307868.3	0	3393.552	0	1.080269	0	0	1.080269	0.023266	0	0	0.023266	0.001357	0.005208	0.029832	0.024318	0
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Gasoline	36476.81	1859073.496	1859073	0	729828	0	0.277945	0.002924	0.269572	0.55044	0.002305	0	0.000344	0.002649	0.006148	0.031517	0.040314	0.002507	0
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Diesel	282262.5	11319757.37	11319757	0	3391948	0	6.329034	2.698222	5.283783	14.31104	0.061148	0.001562	0	0.06271	0.037434	0.193097	0.293241	0.063913	0.001632
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Electricity	72384.87	3748709.434	0	3748709	925976.8	4006958	0	0	0	0	0	0	0	0	0.012397	0.031969	0.044366	0	0
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Natural Ga	4224.918	171134.5247	171134.5	0	37617.3	0	0.014689	0.030248	0	0.044938	0.000228	9.92E-05	0	0.000327	0.000566	0.002931	0.003824	0.000248	0.000108
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Gasoline	8964.914	321567.3167	321567.3	0	179370	0	0.099074	0.000553	0.073026	0.172653	0.000373	0	5.6E-05	0.000429	0.001063	0.005493	0.006986	0.000406	0
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Diesel	11602.36	757211.5582	757211.6	0	137609.5	0	1.040373	0.112964	0.196353	1.34969	0.018941	0.000111	0	0.019052	0.002504	0.01773	0.039287	0.019798	0.000116
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Electricity	1284.868	98628.16694	0	98628.17	25707.64	106690.9	0	0	0	0	0	0	0	0	0.000326	0.000841	0.001168	0	0
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Natural Ga	933.3586	50020.22308	50020.22	0	8306.892	0	0.005662	0.001558	0	0.00722	6.17E-05	4.58E-06	0	6.63E-05	0.000165	0.000859	0.00109	6.71E-05	4.98E-06
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Gasoline	6490.808	339133.4019	339133.4	0	25963.23	0	0.090321	0.005962	0.024508	0.12079	0.000344	0	1.53E-05	0.000359	0.000748	0.00599	0.007096	0.000374	0
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Diesel	15983.1	339737.0638	339737.1	0	231435.3	0	0.764637	0.265443	0.150829	1.180909	0.004747	0.000156	0	0.004903	0.001123	0.005941	0.011968	0.004962	0.000163
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Electricity	3562.132	109300.6304	0	109300.6	44871.35	119506.9	0	0	0	0	0	0	0	0	0.000326	0.000963	0.001289	0	0
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Natural Ga	5404.883	118766.559	118766.6	0	78262.71	0	0.071724	0.030718	0	0.102442	0.000516	8.4E-05	0	0.0006	0.000393	0.002125	0.003118	0.000561	9.14E-05
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Gasoline	2347.636	207209.6617	207209.7	0	9390.545	0	0.025988	0	0.005852	0.03184	0.00029	0	4.4E-06	0.000295	0.000527	0.007739	0.00856	0.000316	0
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Diesel	1722.095	166577.9311	166577.9	0	6888.378	0	0.062323	0	0	0.062323	0.001167	0	0	0.001167	0.001345	0.007043	0.009554	0.001219	0
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Electricity	6120.747	669314.4033	0	669314.4	24482.99	1277585	0	0	0	0	0	0	0	0	0.005771	0.014203	0.019974	0	0
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Natural Ga	5319.952	593629.9697	593630	0	21279.81	0	0.069224	0	0	0.069224	0.000434	0	0	0.000434	0.005313	0.02509	0.030837	0.000454	0
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Gasoline	48.16486	5692.057876	5692.058	0	963.6825	0	0.016678	0	2.38E-06	0.01668	7.07E-06	0	4.6E-07	7.53E-06	3.14E-05	0.000195	0.000234	7.69E-06	0
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Diesel	359761.9	50374336.17	50374336	0	5980942	0	75.30586	26.43324	17.57157	119.3107	1.456899	0.010922	0	1.467821	0.494369	1.579686	3.541875	1.522774	0.011416
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Electricity	45666.71	5293906.477	0	5293906	623838.6	9646653	0	0	0	0	0	0	0	0	0.050682	0.088378	0.13906	0	0
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Natural Ga	21666.64	1333763.931	1333764	0	157885	0	0.640247	0.196435	0	0.836681	0.002318	0.00057	0	0.002888	0.013232	0.078264	0.094384	0.002521	0.00062
Statewide Totals	2035	LDA	Aggregate	Aggregate	Gasoline	12476484	489877319.5	4.9E+08	0	57857638	0	12.54961	0	11.61469	24.1643	0.383507	0	0.074458	0.457965	1.079995	1.448349	2.986309	0.417099	0
Statewide Totals	2035	LDA	Aggregate	Aggregate	Diesel	14614.04	439593.8179	439593.8	0	62227.82	0	0.030807	0	0	0.030807	0.002049	0	0	0.002049	0.000969	0.001322	0.004341	0.002142	0
Statewide Totals	2035	LDA	Aggregate	Aggregate	Electricity	1454951	62378720.67	0	62378721	6963275	24083335	0	0	0	0	0	0	0	0	0.137522	0.105596	0.243117	0	0
Statewide Totals	2035	LDA	Aggregate	Aggregate	Plug-in Hyb	551388.1	22859643.11	9701557	13158086	2279990	3974134	0.071008	0	0.285266	0.356275	0.007576	0	0.002916	0.010492	0.050397	0.035447	0.096337	0.00824	0
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Gasoline	1061127	36866506.85	36866507	0	4673216	0	2.008459	0	1.26841	3.276869	0.038585	0	0.007827	0.046412	0.081277	0.133511	0.2612	0.041965	0
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Diesel	9.18579	348.4285746	348.4286	0	41.77248	0	3.94E-05	0	0	3.94E-05	3.74E-06	0	0	3.74E-06	7.68E-07	1.21E-06	5.72E-06	3.91E-06	0
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Electricity	16334.68	740774.0207	0	740774	79764.6	285999.9	0	0	0	0	0	0	0	0	0.001633	0.001252	0.002885	0	0
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Plug-in Hyb	12665.25	562078.1839	230060.4	332017.8	52370.8	100279.3	0.001687	0	0.006544	0.008231	0.000135	0	4.83E-05	0.000183	0.001239	0.000875	0.002297	0.000147	0
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Gasoline	7218592	278114294.6	2.78E+08	0	33430020	0	10.07583	0	8.349446	18.42528	0.227859	0	0.043624	0.271483	0.613137	0.979576	1.864196	0.247818	0
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Diesel	26762.5	1046251.776	1046252	0	125068.7	0	0.036606	0	0	0.036606	0.004736	0	0	0.004736	0.002307	0.003674	0.010716	0.00495	0
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Electricity	197625.2	6151823.737	0	6151824	963803	2375112	0	0	0	0	0	0	0	0	0.013562	0.010403	0.023966	0	0
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Plug-in Hyb	152170.6	6383240.724	2653809	3729432	629225.6	1126400	0.019448	0	0.078691	0.098139	0.001775	0	0.000671	0.002446	0.014073	0.009926	0.026444	0.00193	0
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Gasoline	442479	15935907.02	15935907	0	6592278	0	1.07985	0.014061	3.469521	4.563431	0.019987	0	0.00103	0.021017	0.035133	0.479561	0.53571	0.021738	0
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Diesel	323800.2	11341644.37	11341644	0	4072999	0	9.21446	0.514492	0	9.728952	0.277376	0.009307	0	0.286683	0.037506	0.341305	0.665495	0.289918	0.009728
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Electricity	143818.3	7772907.478	0	7772907	2012712	4705944	0	0	0	0	0	0	0	0	0.017136	0.116955	0.134092	0	0
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Gasoline	59228.59	2040828.7	2040829	0	882417.8	0	0.117101	0.00182	0.466494	0.585415	0.002314	0	0.00011	0.002424	0.004499	0.071651	0.078574	0.002517	0
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Diesel	147523.7	5119729.93	5119730	0	1855663	0	3.934177	0.229515	0	4.163692	0.126109	0.004269	0	0.130378	0.016931	0.179747	0.327056	0.131812	0.004462
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Electricity	36878.69	1910416.25	0	1910416	488706.1	1145512	0	0	0	0	0	0	0	0	0.004212	0.033536	0.037748	0	0

Statewide Totals	2035	MCY	Aggregate	Aggregate	Gasoline	724797.8	4094402.047	4094402	0	1449596	0	2.272368	0	0.152445	2.424813	0.009341	0	0.00501	0.014351	0.004513	0.018956	0.03782	0.010013	0
Statewide Totals	2035	MDV	Aggregate	Aggregate	Gasoline	4332193	159243386.7	1.59E+08	0	19797855	0	7.321512	0	5.70603	13.02754	0.135042	0	0.027432	0.162474	0.351072	0.56867	1.082216	0.146871	0
Statewide Totals	2035	MDV	Aggregate	Aggregate	Diesel	56343.67	1970400.485	1970400	0	254018.6	0	0.06161	0	0	0.06161	0.005572	0	0	0.005572	0.004344	0.007148	0.017064	0.005824	0
Statewide Totals	2035	MDV	Aggregate	Aggregate	Electricity	186780	5763664.862	0	5763665	908368.1	2225250	0	0	0	0	0	0	0	0	0.012707	0.009757	0.022463	0	0
Statewide Totals	2035	MDV	Aggregate	Aggregate	Plug-in Hyb	94682.59	3879656.999	1616029	2263628	391512.5	683683.2	0.01183	0	0.04896	0.06079	0.001129	0	0.00044	0.001569	0.008553	0.00603	0.016152	0.001228	0
Statewide Totals	2035	MH	Aggregate	Aggregate	Gasoline	54030.3	541622.3594	541622.4	0	5405.191	0	0.088207	0	0.002915	0.091122	0.000666	0	1.84E-06	0.000668	0.001791	0.009196	0.011655	0.000724	0
Statewide Totals	2035	MH	Aggregate	Aggregate	Diesel	33674.36	305434.5662	305434.6	0	3367.436	0	1.037558	0	0	1.037558	0.021654	0	0	0.021654	0.001347	0.005167	0.028168	0.022634	0
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Gasoline	34992.32	1762299.714	1762300	0	700126.3	0	0.246333	0.002756	0.257877	0.506966	0.002198	0	0.000332	0.00253	0.005828	0.029878	0.038236	0.002391	0
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Diesel	276502.1	11078238.42	11078238	0	3323913	0	5.832749	2.570116	5.092669	13.49553	0.056775	0.001363	0	0.058139	0.036635	0.188952	0.283726	0.059343	0.001425
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Electricity	85783.8	4405080.979	0	4405081	1097683	4707520	0	0	0	0	0	0	0	0	0.014567	0.037569	0.052136	0	0
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Natural Ga	4215.94	169037.2646	169037.3	0	37606.67	0	0.014177	0.030123	0	0.044301	0.000227	9.98E-05	0	0.000326	0.000559	0.002895	0.00378	0.000247	0.000108
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Gasoline	8605.215	300285.9462	300285.9	0	172173.1	0	0.088179	0.000526	0.069662	0.158367	0.000351	0	5.31E-05	0.000404	0.000993	0.005128	0.006526	0.000382	0
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Diesel	11625.82	760244.3538	760244.4	0	137702.4	0	1.000095	0.108206	0.19069	1.29899	0.018033	0.000105	0	0.018138	0.002514	0.017855	0.038507	0.018848	0.00011
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Electricity	1497.319	113371.331	0	113371.3	29958.35	122642.3	0	0	0	0	0	0	0	0	0.000375	0.000967	0.001342	0	0
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Natural Ga	945.9437	50614.86281	50614.86	0	8418.899	0	0.005559	0.001576	0	0.007135	6.33E-05	4.71E-06	0	6.8E-05	0.000167	0.000869	0.001104	6.89E-05	5.12E-06
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Gasoline	6373.341	332368.4097	332368.4	0	25493.36	0	0.070578	0.005813	0.024199	0.100591	0.000339	0	1.51E-05	0.000354	0.000733	0.00587	0.006957	0.000368	0
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Diesel	15485.36	327474.9893	327475	0	224228	0	0.640494	0.2371	0.150912	1.028505	0.004052	0.000128	0	0.00418	0.001083	0.005726	0.010989	0.004235	0.000134
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Electricity	4199.788	128749.9526	0	128750	52909.85	140778.8	0	0	0	0	0	0	0	0	0.000384	0.001134	0.001518	0	0
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Natural Ga	5421.76	117290.0579	117290.1	0	78507.08	0	0.069	0.030784	0	0.099784	0.00051	8.5E-05	0	0.000595	0.000388	0.002099	0.003081	0.000554	9.24E-05
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Gasoline	2186.902	192941.3535	192941.4	0	8747.606	0	0.020523	0	0.005022	0.025545	0.000263	0	3.61E-06	0.000267	0.000478	0.007127	0.007872	0.000286	0
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Diesel	1245.469	126074.263	126074.3	0	4981.876	0	0.045205	0	0	0.045205	0.000854	0	0	0.000854	0.000977	0.005324	0.007155	0.000893	0
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Electricity	8118.576	844624.9539	0	844625	32474.3	1610654	0	0	0	0	0	0	0	0	0.007333	0.017923	0.025256	0	0
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Natural Ga	4062.957	484015.394	484015.4	0	16251.83	0	0.056037	0	0	0.056037	0.000379	0	0	0.000379	0.004288	0.020437	0.025104	0.000396	0
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Gasoline	46.15883	5466.477821	5466.478	0	923.5458	0	0.015554	0	4.03E-07	0.015555	6.82E-06	0	4.44E-07	7.27E-06	3.01E-05	0.000188	0.000225	7.42E-06	0
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Diesel	362908.2	51251123.75	51251124	0	6060300	0	75.51889	26.71546	17.68664	119.921	1.475635	0.011009	0	1.486644	0.503197	1.613404	3.603246	1.542357	0.011507
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Electricity	51777.24	5911860.092	0	5911860	700452.1	10772570	0	0	0	0	0	0	0	0	0.056533	0.098862	0.155395	0	0
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Natural Ga	21501.51	1324452.912	1324453	0	157354.1	0	0.60453	0.193921	0	0.798452	0.002303	0.000579	0	0.002882	0.013139	0.077459	0.09348	0.002505	0.00063
Statewide Totals	2036	LDA	Aggregate	Aggregate	Gasoline	12477791	490153384.7	4.9E+08	0	57893988	0	12.20687	0	11.40948	23.61635	0.362571	0	0.070465	0.433036	1.080592	1.449768	2.963395	0.394329	0
Statewide Totals	2036	LDA	Aggregate	Aggregate	Diesel	13369.14	405788.2667	405788.3	0	57012.07	0	0.026134	0	0	0.026134	0.001673	0	0	0.001673	0.000895	0.001218	0.003786	0.001749	0
Statewide Totals	2036	LDA	Aggregate	Aggregate	Electricity	1499173	63728686.13	0	63728686	7156663	24604533	0	0	0	0	0	0	0	0	0.140498	0.107901	0.248398	0	0
Statewide Totals	2036	LDA	Aggregate	Aggregate	Plug-in Hyb	559265.8	23027314.11	9703854	13323460	2312564	4024082	0.071068	0	0.289356	0.360424	0.007181	0	0.002816	0.009998	0.050767	0.035746	0.09651	0.00781	0
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Gasoline	1046983	36506486.09	36506486	0	4621148	0	1.79481	0	1.204745	2.999555	0.035641	0	0.00726	0.042901	0.080482	0.132138	0.25552	0.038762	0
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Diesel	8.844373	350.5026878	350.5027	0	41.42145	0	2.61E-05	0	0	2.61E-05	1.9E-06	0	0	1.9E-06	7.73E-07	1.22E-06	3.9E-06	1.99E-06	0
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Electricity	17669.56	791509.461	0	791509.5	85990.92	305588	0	0	0	0	0	0	0	0	0.001745	0.001338	0.003083	0	0
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Plug-in Hyb	13686.51	598802.2425	244857.1	353945.1	56593.7	106902	0.001797	0	0.007072	0.008869	0.000141	0	5.13E-05	0.000192	0.00132	0.000933	0.002445	0.000153	0
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Gasoline	7275369	279469127.7	2.79E+08	0	33670259	0	9.658433	0	8.280835	17.93927	0.216871	0	0.04164	0.258511	0.616116	0.985412	1.860039	0.235867	0
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Diesel	27019.59	1052769.593	1052770	0	126144.2	0	0.036431	0	0	0.036431	0.004757	0	0	0.004757	0.002321	0.003701	0.010779	0.004973	0
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Electricity	211232.9	6483905.614	0	6483906	1025916	2503323	0	0	0	0	0	0	0	0	0.014295	0.010969	0.025264	0	0
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Plug-in Hyb	159720	6623354.339	2744192	3879162	660442.4	1171623	0.020123	0	0.0826	0.102722	0.001774	0	0.000682	0.002456	0.014602	0.010308	0.027366	0.00193	0
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Gasoline	430836.1	15356879.38	15356879	0	6418815	0	0.926848	0.013471	3.314726	4.255045	0.019122	0	0.000973	0.020095	0.033856	0.462136	0.516087	0.020797	0
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Diesel	314802.5	10914416.55	10914417	0	3959820	0	8.128108	0.484254	0	8.612361	0.258256	0.009056	0	0.267312	0.036093	0.328449	0.631854	0.269933	0.009466
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Electricity	167704	8867091.451	0	8867091	2346951	5369571	0	0	0	0	0	0	0	0	0.019549	0.133419	0.152968	0	0
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Gasoline	57169.79	1954241.015	1954241	0	851744.6	0	0.101316	0.001715	0.437525	0.540556	0.002215	0	0.000102	0.002316	0.004308	0.068611	0.075235	0.002409	0
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Diesel	144753.1	4956169.41	4956169	0	1820812	0	3.652059	0.21951	0	3.871569	0.120842	0.004185	0	0.125027	0.01639	0.174004	0.315421	0.126305	0.004374
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Electricity	43003.76	2181037.905	0	2181038	569804.5	1307899	0	0	0	0	0	0	0	0	0.004808	0.038287	0.043095	0	0
Statewide Totals	2036	MCY	Aggregate	Aggregate	Gasoline	728529.1	4097331.203	4097331	0	1457058	0	2.253789	0	0.148651	2.40244	0.009411	0	0.005081	0.014492	0.004516	0.018969	0.037978	0.01009	0
Statewide Totals	2036	MDV	Aggregate	Aggregate	Gasoline	4351129	159602297.8	1.6E+08	0	19875945	0	6.962833	0	5.617689	12.58052	0.128873	0	0.026248	0.155121	0.351859	0.570625	1.077605	0.140161	0
Statewide Totals	2036	MDV	Aggregate	Aggregate	Diesel	55369.93	1934521.238	1934521	0	249469.5	0	0.055184	0	0	0.055184	0.004968	0	0	0.004968	0.004265	0.007015	0.016247	0.005192	0
Statewide Totals	2036	MDV	Aggregate	Aggregate	Electricity	198326.1	6033736.617	0	6033737	960462.2	2329520	0	0	0	0	0	0	0	0	0.013302	0.010218	0.02352	0	0
Statewide Totals	2036	MDV	Aggregate	Aggregate	Plug-in Hyb	99380.41	4026398.187	1671043	2355356	410938	711387.6	0.012241	0	0.051392	0.063632	0.001123	0	0.000445	0.001568	0.008877	0.006264	0.016709	0.001221	0
Statewide Totals	2036	MH	Aggregate	Aggregate	Gasoline	52686.07	532755.3448	532755.3	0	5270.714	0	0.081485	0	0.00283	0.084315	0.000656	0	1.81E-06	0.000657	0.001762	0.009046	0.011465	0.000713	0
Statewide Totals	2036	MH	Aggregate	Aggregate	Diesel	33379.65	302957.8504	302957.9	0	3337.965	0	0.996196	0	0	0.996196	0.020112	0	0	0.020112	0.001336	0.005124	0.026572	0.021022	0
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Gasoline	33584.36	1672351.527	1672352	0	671955.8	0	0.21903	0.002597	0.249139	0.470766	0.002098	0	0.000321	0.002419	0.00553	0.028355	0.036304	0.002282	0
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Diesel	270503.8	10855293.74	10855294	0	3253058	0	5.394921	2.448059	4.899852	12.74283	0.053343	0.001215	0	0.054558	0.035897	0.185126	0.275581	0.055755	0.00127
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Electricity	99236.76	5046408.003	0	5046408	1270277	5391293	0	0	0	0	0	0	0	0	0.016688	0.043042	0.05973	0	0
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Natural Ga	4189.921	166838.9387	166838.9	0	37428.59	0	0.013658	0.02988	0	0.043538	0.000226	1E-04	0	0.000326	0.000552	0.002857	0.003734	0.000245	0.000109
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Gasoline	8263.548	281257.1707	281257.2	0	165337.1	0	0.081247	0.000501	0.067341	0.149088	0.000332	0	5.11E-05	0.000383	0.00093	0.004803	0.006116	0.000361	0
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Diesel	11630.49	763253.1246	763253.1	0	137631.3	0	0.960244	0.103415	0.185029	1.248688	0.017219	9.98E-05	0	0.017319	0.002524	0.017975	0.037818	0.017998	0.000104
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Electricity	1704.166	127124.0091	0	127124	34096.96	137525.4	0	0	0	0	0	0	0	0	0.00042	0.001084	0.001505	0	0
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Natural Ga	956.2222	51182.46655	51182.47	0	8510.377	0	0.005449	0.001591	0	0.007039	6.49E-05	4.82E-06	0	6.97E-05	0.000169	0.000879	0.001118	7.06E-05	5.25E-06
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Gasoline	6224.362	324171.756	324171.8	0	24897.45	0	0.061558	0.005628	0.023827	0.091014	0.000337	0	1.51E-05	0.000352	0.000715	0.005725	0.006792	0.000366	0
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Diesel	15008.15	315656.2815	315656.3	0	217318	0	0.535506	0.210787	0.150699	0.896992	0.003429	0.000104	0	0.003532	0.001044	0.005519	0.010095	0.003584	0.000108
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Electricity	4836.617	147977.3926	0	147977.4	60945.47	161808.6	0	0	0	0	0	0	0	0	0.000441	0.001304	0.001745	0	0
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Natural Ga	5421.98	115537.6611	115537.7	0	78510.27	0	0.066059	0.030752	0	0.096811	0.000502	8.58E-05	0	0.000588	0.000382	0.002067	0.003037	0.000546	9.33E-05
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Gasoline	2166.154	192909.577	192909.6	0	8664.616	0	0.02047	0	0.004948	0.025418	0.000261	0	3.39E-06	0.000265	0.000475	0.0071	0.00784	0.000284	0
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Diesel	1129.848	114620.9684	114621	0	4519.392	0	0.042456	0	0	0.042456	0.000806	0	0	0.000806	0.000913	0.004838	0.006556	0.000842	0
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Electricity	9008.192	940271.3439	0	940271.3	36032.77	1797987	0	0	0	0	0	0	0	0	0.008111	0.019952	0.028063	0	0
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Natural Ga	3661.208	440714.0987	440714.1	0	14644.83	0	0.051296	0	0	0.051296	0.000369	0	0	0.000369	0.003917	0.018596	0.022882	0.000385	0
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Gasoline	44.37926	5250.05584	5250.056	0	887.9402	0	0.014516	0	0	0.014516	6.58E-06	0	4.3E-07	7.01E-06	2.89E-05	0.000181	0.000217	7.16E-06	0
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Diesel	366473	52202884.81	52202885	0	6148266	0	76.04891	27.05869	17.81513	120.9227	1.499692	0.01113	0	1.510822	0.512759	1.648315	3.671897	1.567502	0.011633
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Electricity	57816.95	6501114.253	0	6501114	775541.9	11847345	0	0	0	0	0	0	0	0	0.062106	0.108868	0.170974	0	0
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Natural Ga	21321.63	1314341.231	1314341	0	156766.8	0	0.570024	0.191709	0	0.761732	0.002289	0.000588	0	0.002876	0.013039	0.076597	0.092512	0.002489	0.000639
Statewide Totals	2037	LDA	Aggregate	Aggregate	Gasoline	12490536	490642603.9	4.91E+08	0	57976254	0	11.9267	0	11.24057	23.16727	0.343994	0	0.066855	0.410849	1.08167	1.450599	2.943118	0.374124	0
Statewide Totals	2037	LDA	Aggregate	Aggregate	Diesel	12336.18	378856.5485	378856.5	0	52730.14	0	0.022451	0	0	0.022451	0.00138	0	0	0.00138	0.000835	0.001135	0.00335	0.001442	0
Statewide Totals	2037	LDA	Aggregate	Aggregate	Electricity	1539042	64899846.69	0	64899847	7329823	25056697	0	0	0	0	0	0	0	0	0.14308	0.109901	0.252981	0	0
Statewide Totals	2037	LDA	Aggregate	Aggregate	Plug-in Hyb	566049.1	23161965.66	9699997	13461969	2340613	4065916	0.071032	0	0.292879	0.363911	0.006819	0	0.002718	0.009537	0.051063	0.035978	0.096578	0.007416	0
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Gasoline	1035140	36202323.06	36202323	0	4577742	0	1.620294	0	1.150293	2.770588	0.033083	0	0.006761	0.039844	0.079811	0.13086	0.250516	0.035981	0
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Diesel	9.138516	359.5215751	359.5216	0	42.71889	0	2.45E-05	0	0	2.45E-05	1.91E-06	0	0	1.91E-06	7.93E-07	1.26E-06	3.96E-06	1.99E-06	0
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Electricity	18957.76	838409.2659	0	838409.3	91932.17	323695.2	0	0	0	0	0	0	0	0	0.001848	0.001418	0.003266	0	0
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Plug-in Hyb	14666.61	632708.2849	258513.5	374194.8	60646.45	113018	0.001897	0	0.007578	0.009475	0.000147	0	5.41E-05	0.000201	0.001395	0.000986	0.002582	0.00016	0
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Gasoline	7328229	280661381	2.81E+08	0	33892451	0	9.307756	0	8.227448	17.5352	0.206785	0	0.039791	0.246575	0.618745	0.989701	1.855021	0.224897	0
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Diesel	27287.28	1059323.675	1059324	0	127259.4	0	0.036305	0	0	0.036305	0.004781	0	0	0.004781	0.002335	0.003725	0.010841	0.004997	0
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Electricity	224043.1	6784071.348	0	6784071	1083800	2619211	0	0	0	0	0	0	0	0	0.014956	0.011481	0.026437	0	0
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Plug-in Hyb	166675.8	6836972.983	2824169	4012804	689204.6	1211986	0.020707	0	0.086201	0.106908	0.00177	0	0.00069	0.00246	0.015073	0.010646	0.028179	0.001925	0
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Gasoline	419861.1	14830779.74	14830780	0	6255304	0	0.798166	0.012929	3.175537	3.986632	0.018364	0	0.000924	0.019288	0.032696	0.446304	0.498288	0.019972	0
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Diesel	305531.5	10510526.24	10510526	0	3843202	0	7.113993	0.454162	0	7.568155	0.239526	0.008797	0	0.248323	0.034758	0.316294	0.599375	0.250356	0.009195
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Electricity	191149.9	9875218.445	0	9875218	2674975	5981569	0	0	0	0	0	0	0	0	0.021771	0.148588	0.170359	0	0
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Gasoline	55265.51	1876769.877	1876770	0	823373.8	0	0.088899	0.001618	0.410588	0.501105	0.002133	0	9.51E-05	0.002228	0.004138	0.065891	0.072256	0.002319	0
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Diesel	141759.1	4799043.838	4799044	0	1783151	0	3.381091	0.20935	0	3.590441	0.115314	0.004094	0	0.119407	0.01587	0.168488	0.303765	0.120528	0.004279
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Electricity	49020.34	2431334.699	0	2431335	649426.7	1458128	0	0	0	0	0	0	0	0	0.00536	0.04268	0.048041	0	0
Statewide Totals	2037	MCY	Aggregate	Aggregate	Gasoline	732696.9	4100737.573	4100738	0	1465394	0	2.237769	0	0.145372	2.383141	0.009472	0	0.005152	0.014624	0.00452	0.018985	0.038129	0.010156	0
Statewide Totals	2037	MDV	Aggregate	Aggregate	Gasoline	4369780	159952004.6	1.6E+08	0	19953753	0	6.6405	0	5.546322	12.18682	0.123089	0	0.025107	0.148197	0.35263	0.571977	1.072803	0.133871	0
Statewide Totals	2037	MDV	Aggregate	Aggregate	Diesel	54452.69	1903292.653	1903293	0	245339.3	0	0.049367	0	0	0.049367	0.004373	0	0	0.004373	0.004196	0.006891	0.01546	0.00457	0
Statewide Totals	2037	MDV	Aggregate	Aggregate	Electricity	209210.1	6277499.083	0	6277499	1009043	2423633	0	0	0	0	0	0	0	0	0.01384	0.010635	0.024475	0	0
Statewide Totals	2037	MDV	Aggregate	Aggregate	Plug-in Hyb	103825.9	4160100.222	1721221	2438880	429320.1	736614.3	0.012607	0	0.053693	0.0663	0.001117	0	0.000449	0.001566	0.009171	0.006476	0.017214	0.001215	0
Statewide Totals	2037	MH	Aggregate	Aggregate	Gasoline	51513.31	525143.1694	525143.2	0	5153.392	0	0.075633	0	0.002742	0.078375	0.000647	0	1.78E-06	0.000649	0.001737	0.008916	0.011301	0.000704	0
Statewide Totals	2037	MH	Aggregate	Aggregate	Diesel	33042.07	300325.4439	300325.4	0	3304.207	0	0.95532	0	0	0.95532	0.018598	0	0	0.018598	0.001324	0.005079	0.025002	0.019439	0
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Gasoline	32222.78	1589405.017	1589405	0	644713.4	0	0.195499	0.002444	0.237798	0.435742	0.002004	0	0.000309	0.002314	0.005256	0.026951	0.03452	0.00218	0
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Diesel	264677.2	10659167.12	10659167	0	3184474	0	5.013166	2.333598	4.713142	12.05991	0.05053	0.001096	0	0.051626	0.035249	0.181753	0.268627	0.052814	0.001146
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Electricity	112555.8	5663019.117	0	5663019	1441129	6048998	0	0	0	0	0	0	0	0	0.018727	0.048304	0.067031	0	0
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Natural Ga	4156.72	164818.9983	164819	0	37196.28	0	0.013179	0.029583	0	0.042762	0.000224	1E-04	0	0.000324	0.000545	0.002822	0.003692	0.000244	0.000109
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Gasoline	7974.225	264709.8036	264709.8	0	159548.3	0	0.075772	0.000479	0.066049	0.1423	0.000315	0	4.93E-05	0.000364	0.000875	0.00452	0.00576	0.000342	0
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Diesel	11652.59	766321.5414	766321.5	0	137755.2	0	0.921953	0.098716	0.179592	1.200261	0.016383	9.44E-05	0	0.016478	0.002534	0.018095	0.037107	0.017124	9.87E-05
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Electricity	1901.817	139626.7514	0	139626.8	38051.54	151057.3	0	0	0	0	0	0	0	0	0.000462	0.001191	0.001653	0	0
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Natural Ga	965.589	51637.25493	51637.25	0	8593.742	0	0.005338	0.001603	0	0.006942	6.63E-05	4.94E-06	0	7.13E-05	0.000171	0.000886	0.001128	7.21E-05	5.37E-06
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Gasoline	6044.132	314285.3654	314285.4	0	24176.53	0	0.059773	0.005411	0.023641	0.088826	0.000337	0	1.52E-05	0.000353	0.000693	0.00555	0.006596	0.000367	0
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Diesel	14546.23	304322.0568	304322.1	0	210629.4	0	0.446853	0.186599	0.150121	0.783572	0.002879	8.32E-05	0	0.002962	0.001006	0.00532	0.009288	0.003009	8.7E-05
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Electricity	5472.327	166962.4742	0	166962.5	68964.21	182570	0	0	0	0	0	0	0	0	0.000498	0.001471	0.001969	0	0
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Natural Ga	5404.502	113518.0273	113518	0	78257.19	0	0.062917	0.030618	0	0.093535	0.000493	8.63E-05	0	0.00058	0.000375	0.002031	0.002986	0.000536	9.39E-05
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Gasoline	2048.628	182228.8596	182228.9	0	8194.513	0	0.015615	0	0.004246	0.01986	0.000242	0	2.72E-06	0.000244	0.000435	0.006622	0.007302	0.000263	0
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Diesel	1001.054	103795.981	103796	0	4004.216	0	0.039482	0	0	0.039482	0.000757	0	0	0.000757	0.000844	0.004378	0.005979	0.000791	0
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Electricity	10162.15	1082414.805	0	1082415	40648.61	2081175	0	0	0	0	0	0	0	0	0.0093	0.022968	0.032268	0	0
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Natural Ga	3104.902	360923.2746	360923.3	0	12419.61	0	0.040479	0	0	0.040479	0.000334	0	0	0.000334	0.003186	0.015207	0.018727	0.000349	0

Statewide Totals	2038	HHDT	Aggregate	Aggregate	Gasoline	42.8273	5044.123793	5044.124	0	856.8886	0	0.013574	0	6.34E-06	0.01358	6.34E-06	0	4.19E-07	6.76E-06	2.78E-05	0.000174	0.000209	6.9E-06	0
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Diesel	370536.1	53224068.27	53224068	0	6245673	0	76.72128	27.46442	17.96509	122.1508	1.519935	0.011282	0	1.531217	0.523001	1.68607	3.740288	1.588659	0.011792
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Electricity	63837.65	7068836.772	0	7068837	849895.7	12887542	0	0	0	0	0	0	0	0	0.06747	0.118514	0.185984	0	0
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Natural Ga	21115.93	1303070.747	1303071	0	155959	0	0.535662	0.189461	0	0.725123	0.002268	0.000595	0	0.002863	0.012928	0.075624	0.091414	0.002466	0.000647
Statewide Totals	2038	LDA	Aggregate	Aggregate	Gasoline	12511403	491273604.1	4.91E+08	0	58093670	0	11.68665	0	11.09748	22.78414	0.327891	0	0.063597	0.391488	1.083074	1.456201	2.930763	0.356612	0
Statewide Totals	2038	LDA	Aggregate	Aggregate	Diesel	11502.08	357856.6959	357856.7	0	49302.55	0	0.019541	0	0	0.019541	0.00117	0	0	0.00117	0.000789	0.001072	0.003032	0.001223	0
Statewide Totals	2038	LDA	Aggregate	Aggregate	Electricity	1574858	65908565.91	0	65908566	7484428	25446146	0	0	0	0	0	0	0	0	0.145304	0.111625	0.256929	0	0
Statewide Totals	2038	LDA	Aggregate	Aggregate	Plug-in Hyb	571920.9	23269548.12	9692437	13577111	2364893	4100692	0.071045	0	0.295929	0.366973	0.006498	0	0.002623	0.009121	0.051301	0.0362	0.096621	0.007067	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Gasoline	1023974	35927223.96	35927224	0	4538423	0	1.458132	0	1.099733	2.557865	0.030716	0	0.006288	0.037004	0.079206	0.130059	0.246269	0.033407	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Diesel	9.410007	367.5613731	367.5614	0	43.90835	0	2.3E-05	0	0	2.3E-05	1.91E-06	0	0	1.91E-06	8.1E-07	1.29E-06	4.01E-06	1.99E-06	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Electricity	20195.3	881517.7173	0	881517.7	97577.43	340338.6	0	0	0	0	0	0	0	0	0.001943	0.001492	0.003435	0	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Plug-in Hyb	15603.88	663870.5149	271058.9	392811.6	64522.06	118640.8	0.001991	0	0.008063	0.010054	0.000152	0	5.68E-05	0.000209	0.001464	0.001036	0.002708	0.000165	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Gasoline	7377592	281715217.4	2.82E+08	0	34100550	0	8.974389	0	8.18065	17.15504	0.197786	0	0.038084	0.23587	0.621076	0.996355	1.853301	0.21511	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Diesel	27560.18	1065748.966	1065749	0	128391.6	0	0.036296	0	0	0.036296	0.004813	0	0	0.004813	0.00235	0.003759	0.010922	0.00503	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Electricity	236008.9	7052773.369	0	7052773	1137331	2722953	0	0	0	0	0	0	0	0	0.015549	0.01194	0.027488	0	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Plug-in Hyb	173040.5	7025400.743	2894339	4131062	715522.6	1247704	0.021243	0	0.089497	0.110741	0.001763	0	0.000696	0.002459	0.015488	0.010954	0.028902	0.001917	0
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Gasoline	408882.8	14340023.85	14340024	0	6091745	0	0.661529	0.012406	3.044882	3.718818	0.017589	0	0.000874	0.018463	0.031614	0.431536	0.481613	0.01913	0
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Diesel	296595.5	10137259.55	10137260	0	3730798	0	6.252343	0.425912	0	6.678256	0.221842	0.008545	0	0.230386	0.033523	0.305062	0.568971	0.231873	0.008931
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Electricity	214073.8	10806846.27	0	10806846	2995610	6551505	0	0	0	0	0	0	0	0	0.023825	0.162606	0.186431	0	0
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Gasoline	53439.57	1805837.307	1805837	0	796170	0	0.077955	0.001526	0.384607	0.464088	0.002058	0	8.97E-05	0.002147	0.003981	0.0634	0.069529	0.002238	0
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Diesel	138648	4649116.073	4649116	0	1744017	0	3.125577	0.199285	0	3.324862	0.109584	0.003998	0	0.113581	0.015374	0.163224	0.29218	0.114539	0.004178
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Electricity	54913.63	2663699.861	0	2663700	727380.4	1598646	0	0	0	0	0	0	0	0	0.005872	0.046759	0.052632	0	0
Statewide Totals	2038	MCY	Aggregate	Aggregate	Gasoline	736724.6	4103673.811	4103674	0	1473449	0	2.223343	0	0.142225	2.365569	0.009529	0	0.005217	0.014747	0.004524	0.018999	0.038269	0.010218	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Gasoline	4389046	160289829.1	1.6E+08	0	20033320	0	6.36401	0	5.491924	11.85593	0.117911	0	0.024053	0.141964	0.353379	0.575022	1.070364	0.128239	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Diesel	53624.22	1875922.102	1875922	0	241647.7	0	0.044747	0	0	0.044747	0.003938	0	0	0.003938	0.004136	0.006802	0.014875	0.004116	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Electricity	219403.8	6495657.005	0	6495657	1054062	2507860	0	0	0	0	0	0	0	0	0.01432	0.011009	0.025329	0	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Plug-in Hyb	107965	4279859.666	1766021	2513839	446435.4	759254.2	0.01295	0	0.055836	0.068786	0.001111	0	0.000453	0.001564	0.009435	0.006673	0.017672	0.001209	0
Statewide Totals	2038	MH	Aggregate	Aggregate	Gasoline	50488.49	518456.4512	518456.5	0	5050.868	0	0.07084	0	0.002655	0.073495	0.000639	0	1.76E-06	0.000641	0.001715	0.008798	0.011154	0.000695	0
Statewide Totals	2038	MH	Aggregate	Aggregate	Diesel	32693.16	297675.0383	297675	0	3269.316	0	0.914552	0	0	0.914552	0.017119	0	0	0.017119	0.001313	0.005033	0.023464	0.017893	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Gasoline	30950.67	1513915.407	1513915	0	619261	0	0.175242	0.002302	0.228545	0.406089	0.001914	0	0.000299	0.002213	0.005006	0.025663	0.032882	0.002082	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Diesel	259226.3	10486246.21	10486246	0	3120599	0	4.672307	2.227788	4.536003	11.4361	0.048363	0.000998	0	0.04936	0.034677	0.178692	0.262729	0.050549	0.001043
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Electricity	125805.9	6258987.596	0	6258988	1610914	6687885	0	0	0	0	0	0	0	0	0.020698	0.053365	0.074063	0	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Natural Ga	4110.023	162627.3184	162627.3	0	36828.57	0	0.012661	0.029199	0	0.04186	0.000222	9.96E-05	0	0.000322	0.000538	0.002784	0.003643	0.000242	0.000108
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Gasoline	7692.919	250073.5406	250073.5	0	153919.9	0	0.07061	0.000459	0.062186	0.133254	0.000299	0	4.74E-05	0.000346	0.000827	0.004271	0.005443	0.000325	0
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Diesel	11685.03	769361.7126	769361.7	0	137958.3	0	0.886286	0.094045	0.174509	1.15484	0.01546	8.89E-05	0	0.015549	0.002544	0.018216	0.03631	0.016159	9.29E-05
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Electricity	2089.978	150941.1083	0	150941.1	41816.28	163285.2	0	0	0	0	0	0	0	0	0.000499	0.001288	0.001787	0	0
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Natural Ga	975.8619	52032.41696	52032.42	0	8685.171	0	0.005252	0.001618	0	0.00687	6.75E-05	5.05E-06	0	7.26E-05	0.000172	0.000893	0.001138	7.34E-05	5.49E-06
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Gasoline	5835.368	302846.8545	302846.9	0	23341.47	0	0.056925	0.005163	0.022852	0.08494	0.000337	0	1.53E-05	0.000353	0.000668	0.005348	0.006368	0.000367	0
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Diesel	14095.48	293322.2738	293322.3	0	204102.5	0	0.371278	0.164839	0.148943	0.68506	0.002401	6.66E-05	0	0.002468	0.00097	0.005127	0.008565	0.00251	6.96E-05
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Electricity	6110.542	185798.7774	0	185798.8	77015.76	203159.2	0	0	0	0	0	0	0	0	0.000554	0.001637	0.002191	0	0
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Natural Ga	5362.055	111296.2872	111296.3	0	77642.55	0	0.059712	0.030338	0	0.090049	0.000484	8.66E-05	0	0.00057	0.000368	0.001991	0.00293	0.000526	9.42E-05
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Gasoline	1993.389	178062.084	178062.1	0	7973.555	0	0.013146	0	0.003852	0.016998	0.000232	0	2.34E-06	0.000234	0.000418	0.00642	0.007071	0.000252	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Diesel	913.2037	95389.71741	95389.72	0	3652.815	0	0.03667	0	0	0.03667	0.000708	0	0	0.000708	0.000782	0.004021	0.005511	0.00074	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Electricity	11180.04	1202037.985	0	1202038	44720.16	2313018	0	0	0	0	0	0	0	0	0.010335	0.025507	0.035842	0	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Natural Ga	2581.235	294702.911	294702.9	0	10324.94	0	0.033727	0	0	0.033727	0.000313	0	0	0.000313	0.002577	0.012393	0.015283	0.000327	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Gasoline	41.38491	4847.819836	4847.82	0	828.0293	0	0.012702	0	2.56E-05	0.012728	6.13E-06	0	4.09E-07	6.54E-06	2.67E-05	0.000168	0.000201	6.67E-06	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Diesel	375037.1	54310648.99	54310649	0	6352022	0	77.59848	27.92784	18.13988	123.6662	1.547925	0.011462	0	1.559387	0.533884	1.723853	3.817124	1.617916	0.01198
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Electricity	69871.49	7619937.824	0	7619938	923922.8	13893109	0	0	0	0	0	0	0	0	0.072673	0.127874	0.200547	0	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Natural Ga	20911.51	1291710.741	1291711	0	155210.1	0	0.502802	0.187532	0	0.690334	0.002246	0.000602	0	0.002848	0.012815	0.074692	0.090355	0.002443	0.000654
Statewide Totals	2039	LDA	Aggregate	Aggregate	Gasoline	12539053	492024848.6	4.92E+08	0	58240175	0	11.47902	0	10.97556	22.45458	0.31393	0	0.060711	0.374641	1.08473	1.45796	2.917331	0.341428	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Diesel	10841.69	341745.5411	341745.5	0	46609.59	0	0.017228	0	0	0.017228	0.001004	0	0	0.001004	0.000753	0.001022	0.002779	0.001049	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Electricity	1606904	66772762.47	0	66772762	7621967	25779797	0	0	0	0	0	0	0	0	0.147209	0.113102	0.260311	0	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Plug-in Hyb	577006.6	23355296.28	9683302	13671995	2385922	4129350	0.07097	0	0.29857	0.369541	0.006215	0	0.002535	0.008749	0.05149	0.03635	0.096588	0.006759	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Gasoline	1013975	35688993.85	35688994	0	4504498	0	1.322011	0	1.055913	2.377924	0.028542	0	0.005852	0.034395	0.078681	0.129035	0.242111	0.031043	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Diesel	9.662423	374.7765241	374.7765	0	45.00378	0	2.17E-05	0	0	2.17E-05	1.91E-06	0	0	1.91E-06	8.26E-07	1.32E-06	4.06E-06	2E-06	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Electricity	21381.57	920961.1391	0	920961.1	102925.2	355567	0	0	0	0	0	0	0	0	0.00203	0.001559	0.003589	0	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Plug-in Hyb	16495.72	692379.577	282534.7	409844.9	68209.8	123785.4	0.002075	0	0.008524	0.010599	0.000156	0	5.93E-05	0.000216	0.001526	0.001081	0.002823	0.00017	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Gasoline	7426168	282709067.5	2.83E+08	0	34304574	0	8.67601	0	8.145345	16.82136	0.189879	0	0.03658	0.226459	0.623267	0.999912	1.849639	0.20651	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Diesel	27830.23	1071854.386	1071854	0	129505.5	0	0.036273	0	0	0.036273	0.004839	0	0	0.004839	0.002363	0.003782	0.010985	0.005058	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Electricity	247086	7290954.787	0	7290955	1186399	2814910	0	0	0	0	0	0	0	0	0.016074	0.012347	0.02842	0	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Plug-in Hyb	178818.3	7190258.346	2955501	4234758	739413.8	1279023	0.02169	0	0.09249	0.11418	0.001754	0	0.000701	0.002454	0.015852	0.011215	0.029521	0.001907	0
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Gasoline	398654.2	13892107.6	13892108	0	5939353	0	0.54665	0.011933	2.92906	3.487644	0.016911	0	0.000831	0.017742	0.030627	0.418057	0.466426	0.018392	0
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Diesel	288004.6	9792440.149	9792440	0	3622735	0	5.477836	0.399507	0	5.877342	0.206512	0.008308	0	0.21482	0.032383	0.294685	0.541888	0.21585	0.008684
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Electricity	236417.3	11669379.54	0	11669380	3308040	7076024	0	0	0	0	0	0	0	0	0.025727	0.175584	0.20131	0	0
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Gasoline	51713.8	1741171.547	1741172	0	770458.5	0	0.067048	0.001441	0.360674	0.429162	0.001989	0	8.46E-05	0.002073	0.003839	0.06113	0.067042	0.002163	0
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Diesel	135567.8	4508629.603	4508630	0	1705273	0	2.885701	0.18972	0	3.075421	0.104352	0.003911	0	0.108264	0.01491	0.158292	0.281465	0.109071	0.004088
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Electricity	60668.12	2879739.494	0	2879739	803471.1	1728449	0	0	0	0	0	0	0	0	0.006349	0.050552	0.056901	0	0
Statewide Totals	2039	MCY	Aggregate	Aggregate	Gasoline	740735.2	4106448.112	4106448	0	1481470	0	2.210359	0	0.13926	2.349619	0.009575	0	0.005276	0.014851	0.004527	0.019012	0.038389	0.010267	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Gasoline	4405017	160570782.2	1.61E+08	0	20103409	0	6.045764	0	5.433319	11.47908	0.112759	0	0.022951	0.135709	0.353998	0.576059	1.065767	0.122635	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Diesel	52832.68	1852099.677	1852100	0	238293.9	0	0.039755	0	0	0.039755	0.003526	0	0	0.003526	0.004083	0.006705	0.014314	0.003686	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Electricity	228880.3	6689326.664	0	6689327	1095477	2582632	0	0	0	0	0	0	0	0	0.014747	0.011341	0.026088	0	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Plug-in Hyb	111801.2	4386634.618	1805907	2580728	462298	779456.7	0.013241	0	0.057822	0.071063	0.001105	0	0.000456	0.001561	0.009671	0.006842	0.018074	0.001202	0
Statewide Totals	2039	MH	Aggregate	Aggregate	Gasoline	49562.08	512426.955	512427	0	4958.19	0	0.066247	0	0.002564	0.068811	0.000636	0	1.75E-06	0.000638	0.001695	0.008696	0.011028	0.000692	0
Statewide Totals	2039	MH	Aggregate	Aggregate	Diesel	32346.18	295076.2186	295076.2	0	3234.618	0	0.877572	0	0	0.877572	0.015768	0	0	0.015768	0.001301	0.004988	0.022057	0.01648	0
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Gasoline	29744.18	1445275.215	1445275	0	595121.6	0	0.157123	0.002169	0.219061	0.378353	0.001834	0	0.000288	0.002122	0.004779	0.024501	0.031403	0.001994	0
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Diesel	254277.1	10340344.53	10340345	0	3063047	0	4.390919	2.132434	4.37383	10.89718	0.046489	0.000921	0	0.04741	0.034195	0.176176	0.257781	0.048591	0.000962
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Electricity	138879.4	6831158.27	0	6831158	1778315	7298136	0	0	0	0	0	0	0	0	0.02259	0.058245	0.080835	0	0
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Natural Ga	4059.471	160463.6092	160463.6	0	36440.18	0	0.012204	0.028783	0	0.040987	0.000221	9.91E-05	0	0.00032	0.000531	0.002746	0.003597	0.00024	0.000108
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Gasoline	7431.582	237239.4728	237239.5	0	148691.1	0	0.064986	0.00044	0.05791	0.123336	0.000284	0	4.55E-05	0.000329	0.000785	0.004051	0.005165	0.000308	0
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Diesel	11731.18	772398.105	772398.1	0	138298.8	0	0.856566	0.089691	0.169848	1.116104	0.014781	8.48E-05	0	0.014866	0.002554	0.018329	0.035749	0.015449	8.86E-05
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Electricity	2269.209	161163.0456	0	161163	45402.34	174350.3	0	0	0	0	0	0	0	0	0.000533	0.001375	0.001908	0	0
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Natural Ga	986.7014	52362.15787	52362.16	0	8781.643	0	0.005182	0.001634	0	0.006816	6.85E-05	5.15E-06	0	7.36E-05	0.000173	0.000899	0.001146	7.45E-05	5.6E-06
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Gasoline	5601.113	290302.2114	290302.2	0	22404.45	0	0.054275	0.004887	0.022145	0.081306	0.000336	0	1.53E-05	0.000352	0.00064	0.005126	0.006118	0.000366	0
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Diesel	13653.4	282650.3042	282650.3	0	197701.3	0	0.307191	0.145813	0.146903	0.599907	0.001997	5.38E-05	0	0.002051	0.000935	0.00494	0.007926	0.002087	5.62E-05
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Electricity	6758.419	204675.1032	0	204675.1	85198.91	223790.4	0	0	0	0	0	0	0	0	0.00061	0.001803	0.002413	0	0
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Natural Ga	5289.709	108730.3605	108730.4	0	76594.98	0	0.056259	0.029883	0	0.086142	0.000472	8.65E-05	0	0.000559	0.00036	0.001945	0.002864	0.000514	9.41E-05
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Gasoline	1888.701	169131.3601	169131.4	0	7554.802	0	0.007921	0	0.003101	0.011022	0.000211	0	1.72E-06	0.000213	0.000385	0.006015	0.006613	0.00023	0
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Diesel	692.5845	72789.47327	72789.47	0	2770.338	0	0.029056	0	0	0.029056	0.000573	0	0	0.000573	0.000613	0.003062	0.004248	0.000599	0
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Electricity	12374.77	1334230.296	0	1334230	49499.09	2568222	0	0	0	0	0	0	0	0	0.011427	0.028312	0.039739	0	0
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Natural Ga	2062.713	234850.0282	234850	0	8250.851	0	0.027429	0	0	0.027429	0.000266	0	0	0.000266	0.002056	0.00985	0.012172	0.000278	0
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Gasoline	39.87658	4658.980429	4658.98	0	797.8507	0	0.01189	0	5.58E-05	0.011945	5.92E-06	0	3.97E-07	6.31E-06	2.57E-05	0.000162	0.000194	6.43E-06	0
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Diesel	380017.3	55464868.77	55464869	0	6468132	0	78.59107	28.44928	18.34309	125.3834	1.577876	0.011662	0	1.589538	0.545426	1.763161	3.898126	1.649221	0.012189
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Electricity	75911.52	8153464.859	0	8153465	997545.8	14866687	0	0	0	0	0	0	0	0	0.077708	0.13695	0.214657	0	0
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Natural Ga	20706.72	1280367.579	1280368	0	154498.2	0	0.469991	0.185902	0	0.655892	0.002216	0.000608	0	0.002823	0.012702	0.073763	0.089289	0.00241	0.000661
Statewide Totals	2040	LDA	Aggregate	Aggregate	Gasoline	12570406	492838889.3	4.93E+08	0	58404644	0	11.28957	0	10.86771	22.15729	0.301987	0	0.058145	0.360133	1.086525	1.45996	2.906617	0.328439	0
Statewide Totals	2040	LDA	Aggregate	Aggregate	Diesel	10264.84	329214.8806	329214.9	0	44360.78	0	0.014805	0	0	0.014805	0.000855	0	0	0.000855	0.000726	0.000983	0.002564	0.000894	0
Statewide Totals	2040	LDA	Aggregate	Aggregate	Electricity	1635561	67512037.71	0	67512038	7744337	26065219	0	0	0	0	0	0	0	0	0.148839	0.114366	0.263205	0	0
Statewide Totals	2040	LDA	Aggregate	Aggregate	Plug-in Hyb	581462.6	23424598.33	9674382	13750216	2404348	4152975	0.070898	0	0.300885	0.371783	0.005971	0	0.002454	0.008425	0.051642	0.036471	0.096539	0.006495	0
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Gasoline	1005802	35490910.75	35490911	0	4477502	0	1.208173	0	1.018282	2.226455	0.026668	0	0.005474	0.032142	0.078244	0.128171	0.238556	0.029004	0
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Diesel	9.90247	381.2667887	381.2668	0	46.02657	0	2.07E-05	0	0	2.07E-05	1.92E-06	0	0	1.92E-06	8.41E-07	1.35E-06	4.1E-06	2E-06	0
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Electricity	22508.22	956755.9176	0	956755.9	107948.6	369386.7	0	0	0	0	0	0	0	0	0.002109	0.00162	0.003729	0	0
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Plug-in Hyb	17339.96	718325.932	292975.3	425350.6	71700.72	128468.6	0.002152	0	0.008961	0.011112	0.000161	0	6.17E-05	0.000222	0.001584	0.001121	0.002927	0.000175	0
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Gasoline	7472298	283619292.3	2.84E+08	0	34499623	0	8.423501	0	8.122741	16.54624	0.182993	0	0.035262	0.218256	0.625274	1.003153	1.846683	0.199022	0
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Diesel	28086.33	1077357.395	1077357	0	130556.2	0	0.036258	0	0	0.036258	0.004864	0	0	0.004864	0.002375	0.003803	0.011042	0.005084	0
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Electricity	257247	7500005.489	0	7500005	1230977	2895621	0	0	0	0	0	0	0	0	0.016535	0.012704	0.029239	0	0
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Plug-in Hyb	184048.6	7333967.935	3008697	4325271	761040.8	1306361	0.022077	0	0.0952	0.117277	0.001744	0	0.000704	0.002448	0.016169	0.011443	0.03006	0.001897	0
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Gasoline	387594.1	13460711.53	13460712	0	5774574	0	0.441202	0.011435	2.806746	3.259383	0.016247	0	0.000779	0.017026	0.029676	0.405075	0.451776	0.01767	0
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Diesel	279651.5	9471571.84	9471572	0	3517664	0	4.800894	0.374634	0	5.175529	0.192329	0.008077	0	0.200406	0.031322	0.285029	0.516757	0.201025	0.008442
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Electricity	258120.4	12468150.93	0	12468151	3611407	7562019	0	0	0	0	0	0	0	0	0.027488	0.187603	0.21509	0	0
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Gasoline	50076.47	1682114.544	1682115	0	746064.8	0	0.058216	0.001361	0.338193	0.39777	0.001928	0	8.01E-05	0.002008	0.003708	0.059057	0.064773	0.002097	0
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Diesel	132779.4	4382017.759	4382018	0	1670198	0	2.678589	0.181418	0	2.860007	0.100018	0.003833	0	0.10385	0.014491	0.153847	0.272188	0.10454	0.004006
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Electricity	66268.2	3080586.502	0	3080587	877501.7	1849156	0	0	0	0	0	0	0	0	0.006792	0.054078	0.060869	0	0
Statewide Totals	2040	MCY	Aggregate	Aggregate	Gasoline	744784.9	4109040.061	4109040	0	1489570	0	2.198444	0	0.136686	2.33513	0.009616	0	0.005331	0.014946	0.004529	0.019024	0.038499	0.010311	0

Statewide Totals	2040	MDV	Aggregate	Aggregate	Gasoline	4421312	160839364.4	1.61E+08	0	20174022	0	5.785238	0	5.390557	11.17579	0.108084	0	0.021929	0.130013	0.35459	0.577035	1.061639	0.117551	0
Statewide Totals	2040	MDV	Aggregate	Aggregate	Diesel	52182.28	1832197.581	1832198	0	235517.2	0	0.036521	0	0	0.036521	0.003197	0	0	0.003197	0.004039	0.006623	0.013859	0.003342	0
Statewide Totals	2040	MDV	Aggregate	Aggregate	Electricity	237628.6	6859905.59	0	6859906	1133317	2648490	0	0	0	0	0	0	0	0	0.015124	0.011633	0.026757	0	0
Statewide Totals	2040	MDV	Aggregate	Aggregate	Plug-in Hyb	115325.3	4480983.302	1841072	2639911	476870.2	797331.8	0.013498	0	0.059647	0.073145	0.001098	0	0.000458	0.001556	0.009879	0.006992	0.018427	0.001195	0
Statewide Totals	2040	MH	Aggregate	Aggregate	Gasoline	48713.74	506893.1693	506893.2	0	4873.322	0	0.062296	0	0.002473	0.064768	0.000633	0	1.73E-06	0.000635	0.001676	0.008602	0.010913	0.000689	0
Statewide Totals	2040	MH	Aggregate	Aggregate	Diesel	32038.8	292746.535	292746.5	0	3203.88	0	0.844183	0	0	0.844183	0.014487	0	0	0.014487	0.001291	0.004948	0.020726	0.015142	0
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Gasoline	28631.58	1383265.692	1383266	0	572860.6	0	0.142151	0.002048	0.208973	0.353172	0.001761	0	0.000279	0.00204	0.004574	0.023451	0.030066	0.001915	0
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Diesel	249717.3	10214210.29	10214210	0	3010472	0	4.136071	2.044638	4.222694	10.4034	0.044783	0.00085	0	0.045633	0.033778	0.173997	0.253408	0.046808	0.000888
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Electricity	151920.9	7387000.367	0	7387000	1945014	7890755	0	0	0	0	0	0	0	0	0.024428	0.062987	0.087415	0	0
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Natural Ga	4005.752	158366.8663	158366.9	0	36033.5	0	0.011781	0.028345	0	0.040126	0.000219	9.84E-05	0	0.000318	0.000524	0.00271	0.003552	0.000239	0.000107
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Gasoline	7186.576	225978.8631	225978.9	0	143789	0	0.060379	0.000422	0.055273	0.116075	0.00027	0	4.36E-05	0.000313	0.000747	0.003859	0.004919	0.000293	0
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Diesel	11786.85	775394.0674	775394.1	0	138787.6	0	0.827985	0.085772	0.165753	1.07951	0.01405	8.04E-05	0	0.01413	0.002564	0.018437	0.035132	0.014685	8.4E-05
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Electricity	2438.896	170331.3216	0	170331.3	48797.44	184276.3	0	0	0	0	0	0	0	0	0.000563	0.001453	0.002016	0	0
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Natural Ga	997.7402	52650.26614	52650.27	0	8879.888	0	0.005138	0.001651	0	0.006788	6.92E-05	5.25E-06	0	7.45E-05	0.000174	0.000904	0.001152	7.53E-05	5.71E-06
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Gasoline	5324.019	275599.6902	275599.7	0	21296.07	0	0.050441	0.004568	0.020917	0.075925	0.000335	0	1.53E-05	0.00035	0.000608	0.004866	0.005823	0.000364	0
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Diesel	13217.72	272312.9311	272312.9	0	191392.6	0	0.253418	0.129746	0.143917	0.527081	0.001667	4.45E-05	0	0.001712	0.000901	0.004759	0.007372	0.001743	4.65E-05
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Electricity	7420.965	223717.9361	0	223717.9	93584.16	244608.8	0	0	0	0	0	0	0	0	0.000667	0.001971	0.002638	0	0
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Natural Ga	5183.322	105687.8665	105687.9	0	75054.5	0	0.05237	0.02923	0	0.0816	0.000459	8.6E-05	0	0.000545	0.00035	0.001891	0.002786	0.000499	9.36E-05
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Gasoline	1778.493	162429.5009	162429.5	0	7113.972	0	0.00334	0	0.002279	0.005618	0.000196	0	1.09E-06	0.000197	0.000359	0.005706	0.006261	0.000213	0
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Diesel	554.9125	58293.98038	58293.98	0	2219.65	0	0.022905	0	0	0.022905	0.000465	0	0	0.000465	0.00048	0.002447	0.003392	0.000486	0
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Electricity	13356.36	1438022.127	0	1438022	53425.44	2770884	0	0	0	0	0	0	0	0	0.0123	0.030514	0.042814	0	0
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Natural Ga	1679.65	193040.2454	193040.2	0	6718.598	0	0.023174	0	0	0.023174	0.000235	0	0	0.000235	0.001708	0.008073	0.010015	0.000245	0
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Gasoline	38.40186	4481.503852	4481.504	0	768.3445	0	0.011149	0	0.000102	0.011251	5.71E-06	0	3.85E-07	6.09E-06	2.47E-05	0.000156	0.000187	6.21E-06	0
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Diesel	385544	56691481.57	56691482	0	6594813	0	79.73178	29.03176	18.57441	127.338	1.609999	0.011889	0	1.621888	0.557675	1.80428	3.983843	1.682796	0.012427
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Electricity	81913.81	8666517.529	0	8666518	1070377	15802944	0	0	0	0	0	0	0	0	0.082546	0.145675	0.228221	0	0
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Natural Ga	20503.16	1269154.452	1269154	0	153826.2	0	0.438854	0.184571	0	0.623425	0.002179	0.000614	0	0.002792	0.012591	0.072838	0.088221	0.00237	0.000667
Statewide Totals	2041	LDA	Aggregate	Aggregate	Gasoline	12607994	493685636.8	4.94E+08	0	58591151	0	11.12321	0	10.76944	21.89265	0.292174	0	0.056054	0.348228	1.088391	1.45995	2.89657	0.317766	0
Statewide Totals	2041	LDA	Aggregate	Aggregate	Diesel	9820.291	319813.3532	319813.4	0	42638.08	0	0.012959	0	0	0.012959	0.000741	0	0	0.000741	0.000705	0.000952	0.002398	0.000775	0
Statewide Totals	2041	LDA	Aggregate	Aggregate	Electricity	1661159	68140176.49	0	68140176	7853140	26307732	0	0	0	0	0	0	0	0	0.150223	0.115441	0.265664	0	0
Statewide Totals	2041	LDA	Aggregate	Aggregate	Plug-in Hyb	585406.4	23480451.9	9666384	13814068	2420655	4172260	0.070745	0	0.302934	0.373679	0.005758	0	0.002382	0.00814	0.051766	0.036551	0.096457	0.006262	0
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Gasoline	998776.3	35320741.8	35320742	0	4455256	0	1.106297	0	0.982131	2.088428	0.025346	0	0.005177	0.030524	0.077869	0.127225	0.235618	0.027566	0
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Diesel	10.12152	386.9878607	386.9879	0	46.95362	0	1.97E-05	0	0	1.97E-05	1.92E-06	0	0	1.92E-06	8.53E-07	1.37E-06	4.14E-06	2.01E-06	0
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Electricity	23576.38	989077.2832	0	989077.3	112655.8	381865.5	0	0	0	0	0	0	0	0	0.002181	0.001675	0.003856	0	0
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Plug-in Hyb	18135.31	741807.2287	302421.5	439385.8	74989.51	132707.6	0.002218	0	0.009372	0.01159	0.000164	0	6.39E-05	0.000228	0.001635	0.001158	0.003021	0.000179	0
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Gasoline	7516537	284435079	2.84E+08	0	34685784	0	8.196577	0	8.10067	16.29725	0.177436	0	0.034193	0.211629	0.627072	1.004621	1.843323	0.192978	0
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Diesel	28322.12	1082122.131	1082122	0	131519.6	0	0.036179	0	0	0.036179	0.004881	0	0	0.004881	0.002386	0.003815	0.011082	0.005102	0
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Electricity	266473.1	7681227.459	0	7681227	1271079	2965588	0	0	0	0	0	0	0	0	0.016934	0.013014	0.029948	0	0
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Plug-in Hyb	188756.4	7458119.862	3054658	4403462	780507.7	1329977	0.022388	0	0.097639	0.120028	0.001733	0	0.000706	0.00244	0.016442	0.011635	0.030517	0.001885	0
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Gasoline	377472.9	13069299.26	13069299	0	5623784	0	0.405352	0.010986	2.691333	3.107671	0.015776	0	0.000743	0.016519	0.028813	0.393296	0.438627	0.017158	0
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Diesel	271712.3	9175711.886	9175712	0	3417799	0	4.209088	0.351794	0	4.560882	0.180285	0.007856	0	0.18814	0.030343	0.276126	0.494609	0.188436	0.008211
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Electricity	279117.7	13206410.62	0	13206411	3904800	8011420	0	0	0	0	0	0	0	0	0.029115	0.198711	0.227826	0	0
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Gasoline	48557.84	1628328.296	1628328	0	723439.5	0	0.052706	0.001289	0.317769	0.371765	0.001877	0	7.67E-05	0.001953	0.00359	0.057168	0.062712	0.002041	0
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Diesel	130106.3	4265131.167	4265131	0	1636574	0	2.484323	0.173818	0	2.65814	0.096468	0.003757	0	0.100225	0.014105	0.149743	0.264072	0.10083	0.003927
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Electricity	71701.03	3267050.976	0	3267051	949306.6	1961250	0	0	0	0	0	0	0	0	0.007203	0.057351	0.064553	0	0
Statewide Totals	2041	MCY	Aggregate	Aggregate	Gasoline	748607	4111167.779	4111168	0	1497214	0	2.186916	0	0.13407	2.320987	0.009636	0	0.005378	0.015013	0.004532	0.019034	0.038578	0.010333	0
Statewide Totals	2041	MDV	Aggregate	Aggregate	Gasoline	4439114	161110283.8	1.61E+08	0	20248593	0	5.608355	0	5.357673	10.96603	0.104476	0	0.021176	0.125653	0.355188	0.577185	1.058026	0.113628	0
Statewide Totals	2041	MDV	Aggregate	Aggregate	Diesel	51650.73	1816042.347	1816042	0	233277	0	0.033969	0	0	0.033969	0.002921	0	0	0.002921	0.004004	0.006546	0.013471	0.003053	0
Statewide Totals	2041	MDV	Aggregate	Aggregate	Electricity	245679.2	7009301.533	0	7009302	1167785	2706169	0	0	0	0	0	0	0	0	0.015453	0.011889	0.027342	0	0
Statewide Totals	2041	MDV	Aggregate	Aggregate	Plug-in Hyb	118563.6	4564137.696	1872049	2692089	490260.3	813091.1	0.013709	0	0.061324	0.075032	0.001091	0	0.00046	0.00155	0.010062	0.007121	0.018734	0.001186	0
Statewide Totals	2041	MH	Aggregate	Aggregate	Gasoline	48033.51	502319.2936	502319.3	0	4805.273	0	0.059527	0	0.002388	0.061915	0.000631	0	1.73E-06	0.000633	0.001661	0.008524	0.010818	0.000687	0
Statewide Totals	2041	MH	Aggregate	Aggregate	Diesel	31737.21	290498.1529	290498.2	0	3173.721	0	0.813268	0	0	0.813268	0.013247	0	0	0.013247	0.001281	0.00491	0.019439	0.013846	0
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Gasoline	27577.65	1327086.097	1327086	0	551773.7	0	0.128826	0.001935	0.198764	0.329525	0.001694	0	0.000271	0.001965	0.004389	0.0225	0.028854	0.001843	0
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Diesel	245696	10105528.88	10105529	0	2964607	0	3.912317	1.966976	4.084668	9.963961	0.043346	0.000797	0	0.044143	0.033418	0.172117	0.249678	0.045306	0.000833
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Electricity	164935.6	7929344.912	0	7929345	2111030	8468715	0	0	0	0	0	0	0	0	0.026222	0.067613	0.093835	0	0
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Natural Ga	3950.847	156314.2078	156314.2	0	35627.62	0	0.011373	0.027895	0	0.039268	0.000218	9.76E-05	0	0.000315	0.000517	0.002675	0.003507	0.000237	0.000106
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Gasoline	6976.769	216478.7677	216478.8	0	139591.2	0	0.057323	0.000407	0.053226	0.110956	0.000259	0	4.23E-05	0.000301	0.000716	0.003696	0.004713	0.000281	0
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Diesel	11852.56	778398.0709	778398.1	0	139392.1	0	0.804806	0.082359	0.162342	1.049508	0.013392	7.65E-05	0	0.013468	0.002574	0.01854	0.034583	0.013997	8E-05
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Electricity	2598.715	178497.3348	0	178497.3	51995.1	193118.9	0	0	0	0	0	0	0	0	0.00059	0.001523	0.002113	0	0
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Natural Ga	1007.806	52857.76945	52857.77	0	8969.474	0	0.005106	0.001666	0	0.006773	6.98E-05	5.33E-06	0	7.51E-05	0.000175	0.000907	0.001157	7.59E-05	5.79E-06
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Gasoline	4986.021	257901.0472	257901	0	19944.08	0	0.044943	0.004185	0.01871	0.067839	0.000332	0	1.52E-05	0.000347	0.000569	0.004553	0.005468	0.000361	0
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Diesel	12780.6	262261.1546	262261.2	0	185063.1	0	0.208043	0.116393	0.139783	0.464218	0.001403	3.81E-05	0	0.001441	0.000867	0.004584	0.006892	0.001466	3.99E-05
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Electricity	8094.399	242834.9479	0	242834.9	102117.4	265510.1	0	0	0	0	0	0	0	0	0.000724	0.002139	0.002863	0	0
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Natural Ga	5043.699	102304.3777	102304.4	0	73032.76	0	0.048237	0.028383	0	0.07662	0.000444	8.51E-05	0	0.00053	0.000338	0.00183	0.002698	0.000483	9.26E-05
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Gasoline	1806.473	165771.9901	165772	0	7225.891	0	0.003261	0	0.002267	0.005528	0.000199	0	1.09E-06	0.000201	0.000366	0.005822	0.006389	0.000217	0
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Diesel	448.93	47826.57688	47826.58	0	1795.72	0	0.01892	0	0	0.01892	0.000397	0	0	0.000397	0.000393	0.002003	0.002793	0.000415	0
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Electricity	14030.61	1512012.563	0	1512013	56122.45	2915178	0	0	0	0	0	0	0	0	0.01296	0.032084	0.045044	0	0
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Natural Ga	1433.936	166952.0676	166952.1	0	5735.745	0	0.020529	0	0	0.020529	0.000244	0	0	0.000244	0.001467	0.006962	0.008674	0.000255	0
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Gasoline	36.97259	4319.704493	4319.704	0	739.7475	0	0.010388	0	0.000167	0.010556	5.52E-06	0	3.73E-07	5.89E-06	2.38E-05	0.000151	0.000181	6E-06	0
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Diesel	391634	57995762.61	57995763	0	6731647	0	81.05347	29.67175	18.83679	129.562	1.644804	0.012143	0	1.656947	0.57068	1.847474	4.075101	1.719175	0.012692
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Electricity	87803.22	9155182.257	0	9155182	1141565	16694771	0	0	0	0	0	0	0	0	0.087153	0.153967	0.241119	0	0
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Natural Ga	20308.23	1258460.494	1258460	0	153288.7	0	0.40934	0.1837	0	0.59304	0.002138	0.00062	0	0.002757	0.012485	0.07192	0.087162	0.002325	0.000674
Statewide Totals	2042	LDA	Aggregate	Aggregate	Gasoline	12646467	494580637.5	4.95E+08	0	58783069	0	10.98642	0	10.68152	21.66793	0.284465	0	0.05425	0.338715	1.090364	1.462273	2.891353	0.309382	0
Statewide Totals	2042	LDA	Aggregate	Aggregate	Diesel	9481.289	312813.3409	312813.3	0	41332.57	0	0.011461	0	0	0.011461	0.000652	0	0	0.000652	0.00069	0.00093	0.002271	0.000681	0
Statewide Totals	2042	LDA	Aggregate	Aggregate	Electricity	1684038	68682141.85	0	68682142	7949978	26516975	0	0	0	0	0	0	0	0	0.151418	0.116368	0.267786	0	0
Statewide Totals	2042	LDA	Aggregate	Aggregate	Plug-in Hyb	588943.2	23529554.48	9661373	13868182	2435280	4188604	0.070702	0	0.304771	0.375473	0.005588	0	0.00232	0.007908	0.051874	0.036636	0.096418	0.006078	0
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Gasoline	992033	35170081.12	35170081	0	4435128	0	1.020728	0	0.949029	1.969756	0.02419	0	0.004904	0.029095	0.077537	0.126553	0.233185	0.026309	0
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Diesel	10.32471	392.0991119	392.0991	0	47.80188	0	1.9E-05	0	0	1.9E-05	1.93E-06	0	0	1.93E-06	8.64E-07	1.39E-06	4.18E-06	2.01E-06	0
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Electricity	24581.4	1018199.85	0	1018200	117037.4	393109.2	0	0	0	0	0	0	0	0	0.002245	0.001725	0.00397	0	0
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Plug-in Hyb	18881.23	763065.7238	310971.5	452094.2	78073.88	136545.9	0.002281	0	0.009758	0.012039	0.000167	0	6.6E-05	0.000233	0.001682	0.001191	0.003107	0.000182	0
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Gasoline	7554642	285142473.8	2.85E+08	0	34851810	0	7.94492	0	8.062978	16.0079	0.172786	0	0.033224	0.20601	0.628632	1.007067	1.841709	0.18792	0
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Diesel	28539.14	1086387.355	1086387	0	132403.9	0	0.036154	0	0	0.036154	0.004899	0	0	0.004899	0.002395	0.003831	0.011125	0.005121	0
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Electricity	274800.1	7838140.638	0	7838141	1306943	3026169	0	0	0	0	0	0	0	0	0.01728	0.013283	0.030563	0	0
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Plug-in Hyb	192995.6	7566282.42	3094868	4471415	798036.7	1350500	0.02268	0	0.099837	0.122517	0.001726	0	0.000708	0.002434	0.016681	0.011806	0.030921	0.001877	0
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Gasoline	367453.1	12705249.08	12705249	0	5474504	0	0.371026	0.010552	2.581766	2.963345	0.015321	0	0.000703	0.016024	0.02801	0.38234	0.426375	0.016663	0
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Diesel	263854.1	8898710.576	8898711	0	3318952	0	3.679673	0.329977	0	4.00965	0.168733	0.007637	0	0.176369	0.029427	0.26779	0.473587	0.176362	0.007982
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Electricity	299342.4	13888890.52	0	13888891	4187273	8427072	0	0	0	0	0	0	0	0	0.03062	0.20898	0.2396	0	0
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Gasoline	47131.95	1579377.901	1579378	0	702195.8	0	0.047974	0.001223	0.299546	0.348743	0.001829	0	7.33E-05	0.001902	0.003482	0.05545	0.060834	0.001989	0
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Diesel	127621.3	4158779.212	4158779	0	1605315	0	2.31376	0.167066	0	2.480826	0.093355	0.003686	0	0.097041	0.013753	0.146009	0.256803	0.097576	0.003853
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Electricity	76951.02	3440283.892	0	3440284	1018689	2065425	0	0	0	0	0	0	0	0	0.007585	0.060392	0.067976	0	0
Statewide Totals	2042	MCY	Aggregate	Aggregate	Gasoline	752717.4	4113762.613	4113763	0	1505435	0	2.177407	0	0.131764	2.309171	0.009667	0	0.005424	0.015092	0.004535	0.019046	0.038672	0.010367	0
Statewide Totals	2042	MDV	Aggregate	Aggregate	Gasoline	4456274	161381019.3	1.61E+08	0	20321420	0	5.433009	0	5.324817	10.75783	0.101397	0	0.020484	0.121881	0.355784	0.57815	1.055816	0.110279	0
Statewide Totals	2042	MDV	Aggregate	Aggregate	Diesel	51253.65	1803781.516	1803782	0	231610.8	0	0.031988	0	0	0.031988	0.002696	0	0	0.002696	0.003977	0.006495	0.013167	0.002818	0
Statewide Totals	2042	MDV	Aggregate	Aggregate	Electricity	253058	7140413.365	0	7140413	1199062	2756789	0	0	0	0	0	0	0	0	0.015742	0.012115	0.027856	0	0
Statewide Totals	2042	MDV	Aggregate	Aggregate	Plug-in Hyb	121518.7	4637488.563	1899387	2738102	502479.9	826988.3	0.013908	0	0.062854	0.076762	0.001085	0	0.000461	0.001545	0.010224	0.007238	0.019007	0.001179	0
Statewide Totals	2042	MH	Aggregate	Aggregate	Gasoline	47385.85	498105.8775	498105.9	0	4740.48	0	0.066224	0	0.002239	0.068463	0.00063	0	1.72E-06	0.000631	0.001647	0.008453	0.010731	0.000685	0
Statewide Totals	2042	MH	Aggregate	Aggregate	Diesel	31432.94	288319.1633	288319.2	0	3143.294	0	0.784751	0	0	0.784751	0.012062	0	0	0.012062	0.001271	0.004873	0.018207	0.012608	0
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Gasoline	26599.27	1276793.018	1276793	0	532198.2	0	0.117721	0.001832	0.188684	0.308237	0.001637	0	0.000263	0.0019	0.004222	0.02165	0.027772	0.00178	0
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Diesel	242148.9	10015200.45	10015200	0	2924709	0	3.701705	1.897667	3.960648	9.560019	0.042003	0.000747	0	0.04275	0.03312	0.170549	0.246419	0.043902	0.000781
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Electricity	177884.4	8457779.355	0	8457779	2275859	9031661	0	0	0	0	0	0	0	0	0.027969	0.072121	0.100091	0	0
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Natural Ga	3894.452	154321.294	154321.3	0	35213.7	0	0.010998	0.027436	0	0.038434	0.000216	9.67E-05	0	0.000313	0.00051	0.002641	0.003464	0.000235	0.000105
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Gasoline	6748.338	207908.3801	207908.4	0	135020.7	0	0.054803	0.000391	0.052034	0.107228	0.000247	0	4.05E-05	0.000287	0.000688	0.00355	0.004525	0.000268	0
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Diesel	11920.55	781265.2622	781265.3	0	140068	0	0.780155	0.079308	0.159421	1.018884	0.012628	7.16E-05	0	0.0127	0.002584	0.018639	0.033922	0.013199	7.48E-05
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Electricity	2748.871	185762.8601	0	185762.9	54999.42	200988	0	0	0	0	0	0	0	0	0.000614	0.001585	0.002199	0	0
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Natural Ga	1019.128	53111.8947	53111.89	0	9070.238	0	0.005097	0.001684	0	0.006781	7.03E-05	5.41E-06	0	7.57E-05	0.000176	0.000912	0.001163	7.65E-05	5.88E-06
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Gasoline	4760.949	245925.0051	245925	0	19043.8	0	0.040998	0.003918	0.017168	0.062084	0.000329	0	1.52E-05	0.000344	0.000542	0.004341	0.005227	0.000357	0
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Diesel	12340.69	252544.2836	252544.3	0	178693.1	0	0.170677	0.10541	0.134479	0.410567	0.001195	3.4E-05	0	0.001229	0.000835	0.004414	0.006478	0.001249	3.55E-05
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Electricity	8779.682	262028.7502	0	262028.8	110813.4	286501.9	0	0	0	0	0	0	0	0	0.000781	0.002308	0.003089	0	0
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Natural Ga	4872.081	98534.95074	98534.95	0	70547.73	0	0.04375	0.02735	0	0.0711	0.000428	8.38E-05	0	0.000512	0.000326	0.001763	0.002601	0.000465	9.12E-05
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Gasoline	1836.669	169161.608	169161.6	0	7346.676	0	0.00327	0	0.002299	0.005568	0.000203	0	1.11E-06	0.000204	0.000373	0.005941	0.006519	0.000221	0
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Diesel	360.8859	37233.61099	37233.61	0	1443.543	0	0.013866	0	0	0.013866	0.000285	0	0	0.000285	0.000297	0.001553	0.002135	0.000298	0
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Electricity	14746.95	1595538.09	0	1595538	58987.81	3079208	0	0	0	0	0	0	0	0	0.013719	0.033857	0.047575	0	0
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Natural Ga	1125.856	131395.8252	131395.8	0	4503.426	0	0.016465	0	0	0.016465	0.00023	0	0	0.00023	0.001136	0.00545	0.006816	0.00024	0
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Gasoline	35.78123	4179.018748	4179.019	0	715.9108	0	0.009889	0	0.00025	0.010139	5.35E-06	0	3.63E-07	5.71E-06	2.3E-05	0.000147	0.000175	5.82E-06	0

Statewide Totals	2043	HHDT	Aggregate	Aggregate	Diesel	398293.6	59377495.29	59377495	0	6878845	0	82.52397	30.36686	19.13353	132.0244	1.682433	0.012422	0	1.694855	0.584436	1.892711	4.172002	1.758505	0.012984
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Electricity	93573.17	9620637.272	0	9620637	1211066	17544277	0	0	0	0	0	0	0	0	0.091541	0.16187	0.253411	0	0
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Natural Ga	20129.66	1249070.193	1249070	0	152914.7	0	0.382868	0.18323	0	0.566098	0.002099	0.000626	0	0.002725	0.012392	0.071069	0.086186	0.002282	0.000681
Statewide Totals	2043	LDA	Aggregate	Aggregate	Gasoline	12686001	495453189.6	4.95E+08	0	58978985	0	10.88084	0	10.60852	21.48936	0.278179	0	0.052726	0.330906	1.092288	1.46456	2.887754	0.302545	0
Statewide Totals	2043	LDA	Aggregate	Aggregate	Diesel	9199.552	307428.3899	307428.4	0	40281.56	0	0.00999	0	0	0.00999	0.000574	0	0	0.000574	0.000678	0.000913	0.002164	0.0006	0
Statewide Totals	2043	LDA	Aggregate	Aggregate	Electricity	1704510	69144188.03	0	69144188	8036308	26695363	0	0	0	0	0	0	0	0	0.152437	0.117158	0.269595	0	0
Statewide Totals	2043	LDA	Aggregate	Aggregate	Plug-in Hyb	592159.5	23571845.74	9658591	13913254	2448580	4202217	0.070675	0	0.306442	0.377118	0.005449	0	0.002266	0.007716	0.051967	0.036708	0.096391	0.005927	0
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Gasoline	985532.7	35031802.93	35031803	0	4416861	0	0.947433	0	0.918065	1.865498	0.023137	0	0.004653	0.02779	0.077232	0.125931	0.230953	0.025164	0
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Diesel	10.50974	396.5918179	396.5918	0	48.56758	0	1.83E-05	0	0	1.83E-05	1.93E-06	0	0	1.93E-06	8.74E-07	1.41E-06	4.21E-06	2.02E-06	0
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Electricity	25524.78	1044258.589	0	1044259	121104.9	403170	0	0	0	0	0	0	0	0	0.002302	0.00177	0.004072	0	0
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Plug-in Hyb	19577.54	782172.1819	318654.6	463517.6	80953.12	139996.1	0.002337	0	0.010118	0.012455	0.00017	0	6.79E-05	0.000238	0.001724	0.001222	0.003184	0.000185	0
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Gasoline	7590581	285775987.7	2.86E+08	0	35008917	0	7.727322	0	8.023797	15.75112	0.168772	0	0.032376	0.201148	0.630029	1.009234	1.840411	0.183555	0
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Diesel	28742.23	1090187.612	1090188	0	133228.6	0	0.036129	0	0	0.036129	0.004916	0	0	0.004916	0.002403	0.003845	0.011164	0.005138	0
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Electricity	282298.4	7972871.418	0	7972871	1338942	3078186	0	0	0	0	0	0	0	0	0.017577	0.013514	0.031091	0	0
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Plug-in Hyb	196826	7660166.808	3129980	4530187	813875.6	1368252	0.022935	0	0.101823	0.124758	0.001719	0	0.00071	0.00243	0.016888	0.011955	0.031272	0.00187	0
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Gasoline	358626.5	12380842.41	12380842	0	5343001	0	0.344734	0.010183	2.489531	2.844448	0.014924	0	0.000673	0.015597	0.027295	0.372578	0.41547	0.016232	0
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Diesel	257074.8	8654828.744	8654829	0	3233678	0	3.293	0.311964	0	3.604964	0.159337	0.007446	0	0.166783	0.028621	0.260451	0.455855	0.166541	0.007783
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Electricity	318731.5	14516786.1	0	14516786	4457944	8809665	0	0	0	0	0	0	0	0	0.032004	0.218428	0.250432	0	0
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Gasoline	45812.28	1534787.271	1534787	0	682534.7	0	0.044147	0.001163	0.283288	0.328598	0.001786	0	7.05E-05	0.001856	0.003384	0.053884	0.059124	0.001942	0
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Diesel	125563.1	4066031.112	4066031	0	1579426	0	2.188503	0.161822	0	2.350324	0.090834	0.003627	0	0.094462	0.013446	0.142753	0.250661	0.094942	0.003791
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Electricity	82008.06	3600734.394	0	3600734	1085515	2161943	0	0	0	0	0	0	0	0	0.007938	0.063208	0.071147	0	0
Statewide Totals	2043	MCY	Aggregate	Aggregate	Gasoline	756432.4	4115765.183	4115765	0	1512865	0	2.167911	0	0.129179	2.29709	0.009693	0	0.005462	0.015156	0.004537	0.019055	0.038747	0.010396	0
Statewide Totals	2043	MDV	Aggregate	Aggregate	Gasoline	4473253	161639902.6	1.62E+08	0	20393489	0	5.272043	0	5.288518	10.56056	0.098714	0	0.01987	0.118584	0.356355	0.579065	1.054004	0.107361	0
Statewide Totals	2043	MDV	Aggregate	Aggregate	Diesel	50965.5	1794458.98	1794459	0	230405.6	0	0.030453	0	0	0.030453	0.002512	0	0	0.002512	0.003956	0.006455	0.012924	0.002626	0
Statewide Totals	2043	MDV	Aggregate	Aggregate	Electricity	259786.6	7254283.162	0	7254283	1227309	2800752	0	0	0	0	0	0	0	0	0.015993	0.01231	0.028303	0	0
Statewide Totals	2043	MDV	Aggregate	Aggregate	Plug-in Hyb	124225.5	4701981.022	1923468	2778513	513672.6	839193.6	0.014083	0	0.064256	0.078339	0.001079	0	0.000462	0.001541	0.010366	0.00734	0.019247	0.001174	0
Statewide Totals	2043	MH	Aggregate	Aggregate	Gasoline	46909.93	494867.7361	494867.7	0	4692.869	0	0.078619	0	0.00209	0.080709	0.000629	0	1.72E-06	0.00063	0.001636	0.008397	0.010664	0.000684	0
Statewide Totals	2043	MH	Aggregate	Aggregate	Diesel	31123.51	286170.6558	286170.7	0	3112.351	0	0.757914	0	0	0.757914	0.010925	0	0	0.010925	0.001262	0.004836	0.017023	0.011419	0
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Gasoline	25648.87	1231434.211	1231434	0	513182.7	0	0.106646	0.001734	0.179971	0.288351	0.001583	0	0.000255	0.001838	0.004072	0.020881	0.026791	0.001722	0
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Diesel	239166.6	9950761.633	9950762	0	2891825	0	3.521729	1.837913	3.852807	9.212448	0.04092	0.000714	0	0.041633	0.032907	0.169423	0.243963	0.04277	0.000746
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Electricity	190582.2	8964752.591	0	8964753	2437315	9571478	0	0	0	0	0	0	0	0	0.029646	0.076445	0.106091	0	0
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Natural Ga	3844.179	152661.9848	152662	0	34878.32	0	0.010664	0.027013	0	0.037677	0.000215	9.58E-05	0	0.000311	0.000505	0.002612	0.003428	0.000234	0.000104
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Gasoline	6518.894	200291.2509	200291.3	0	130430	0	0.05617	0.000375	0.050243	0.106787	0.000238	0	3.91E-05	0.000277	0.000662	0.00342	0.004359	0.000259	0
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Diesel	11994.29	784046.2613	784046.3	0	140836.4	0	0.760533	0.076605	0.156815	0.993954	0.011971	6.82E-05	0	0.012039	0.002593	0.018734	0.033366	0.012512	7.13E-05
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Electricity	2889.698	192191.0856	0	192191.1	57817.08	207951.8	0	0	0	0	0	0	0	0	0.000636	0.00164	0.002275	0	0
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Natural Ga	1030.885	53362.48504	53362.49	0	9174.877	0	0.005098	0.001703	0	0.006801	7.08E-05	5.49E-06	0	7.62E-05	0.000176	0.000916	0.001169	7.7E-05	5.97E-06
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Gasoline	4648.834	239294.4951	239294.5	0	18595.34	0	0.03954	0.003766	0.016719	0.060026	0.000325	0	1.51E-05	0.000341	0.000528	0.004224	0.005092	0.000354	0
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Diesel	11890.85	242990.9959	242991	0	172179.5	0	0.140735	0.096195	0.127983	0.364913	0.001036	3.13E-05	0	0.001067	0.000804	0.004247	0.006118	0.001083	3.27E-05
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Electricity	9478.631	281329.3726	0	281329.4	119699.1	307621.6	0	0	0	0	0	0	0	0	0.000838	0.002478	0.003317	0	0
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Natural Ga	4674.347	94511.49042	94511.49	0	67684.54	0	0.039022	0.026165	0	0.065187	0.00041	8.22E-05	0	0.000493	0.000313	0.001691	0.002496	0.000446	8.94E-05
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Gasoline	1866.826	172547.9774	172548	0	7467.304	0	0.003288	0	0.002316	0.005605	0.000207	0	1.12E-06	0.000208	0.000381	0.006059	0.006648	0.000225	0
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Diesel	181.4998	17214.51472	17214.51	0	725.9993	0	0.005863	0	0	0.005863	0.000146	0	0	0.000146	0.000123	0.000704	0.000972	0.000152	0
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Electricity	15643.07	1704817.78	0	1704818	62572.28	3291521	0	0	0	0	0	0	0	0	0.014707	0.036175	0.050883	0	0
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Natural Ga	729.1489	79496.01281	79496.01	0	2916.596	0	0.010577	0	0	0.010577	0.000224	0	0	0.000224	0.000652	0.003245	0.00412	0.000234	0
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Gasoline	34.69663	4055.16603	4055.166	0	694.2101	0	0.00954	0	0.000361	0.009901	5.2E-06	0	3.54E-07	5.55E-06	2.24E-05	0.000143	0.000171	5.65E-06	0
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Diesel	405462.4	60834233.65	60834234	0	7035643	0	84.09762	31.11211	19.46478	134.6745	1.722855	0.012717	0	1.735572	0.59892	1.939999	4.274491	1.800755	0.013292
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Electricity	99225.04	10066109.3	0	10066109	1278980	18357347	0	0	0	0	0	0	0	0	0.095741	0.169427	0.265168	0	0
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Natural Ga	19984.2	1241961.206	1241961	0	152785.6	0	0.360068	0.183288	0	0.543356	0.002067	0.000633	0	0.002699	0.012321	0.070355	0.085376	0.002248	0.000688
Statewide Totals	2044	LDA	Aggregate	Aggregate	Gasoline	12726626	496314486.5	4.96E+08	0	59177438	0	10.80734	0	10.55084	21.35818	0.273134	0	0.051465	0.324598	1.094187	1.466839	2.885624	0.297058	0
Statewide Totals	2044	LDA	Aggregate	Aggregate	Diesel	8971.276	303326.3368	303326.3	0	39448	0	0.008705	0	0	0.008705	0.000509	0	0	0.000509	0.000669	0.0009	0.002078	0.000532	0
Statewide Totals	2044	LDA	Aggregate	Aggregate	Electricity	1722898	69542077.6	0	69542078	8113576	26848982	0	0	0	0	0	0	0	0	0.153314	0.117839	0.271153	0	0
Statewide Totals	2044	LDA	Aggregate	Aggregate	Plug-in Hyb	595148.2	23610777.33	9658689	13952089	2460938	4213947	0.07067	0	0.307994	0.378665	0.005338	0	0.002221	0.007559	0.052053	0.036774	0.096386	0.005805	0
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Gasoline	981072.2	34932814.65	34932815	0	4405235	0	0.898985	0	0.894175	1.79316	0.022261	0	0.004445	0.026706	0.077014	0.125474	0.229194	0.024211	0
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Diesel	10.62396	399.9127648	399.9128	0	49.11702	0	1.65E-05	0	0	1.65E-05	1.9E-06	0	0	1.9E-06	8.82E-07	1.42E-06	4.21E-06	1.99E-06	0
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Electricity	26398.72	1067414.163	0	1067414	124841.7	412110	0	0	0	0	0	0	0	0	0.002353	0.001809	0.004163	0	0
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Plug-in Hyb	20224.4	799302.792	325542.2	473760.6	83627.88	143089.8	0.002387	0	0.010453	0.01284	0.000173	0	6.96E-05	0.000243	0.001762	0.001249	0.003253	0.000188	0
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Gasoline	7624261	286357415.1	2.86E+08	0	35157351	0	7.540446	0	7.981533	15.52198	0.165323	0	0.031635	0.196958	0.63131	1.011203	1.839472	0.179804	0
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Diesel	28932.16	1093628.365	1093628	0	133997.9	0	0.036129	0	0	0.036129	0.004931	0	0	0.004931	0.002411	0.003857	0.0112	0.005154	0
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Electricity	289032	8088307.11	0	8088307	1367410	3122754	0	0	0	0	0	0	0	0	0.017832	0.013711	0.031543	0	0
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Plug-in Hyb	200296.6	7742091.376	3160850	4581242	828226.5	1383672	0.023159	0	0.103622	0.126782	0.001715	0	0.000712	0.002427	0.017068	0.012084	0.03158	0.001865	0
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Gasoline	349280.1	12070496.52	12070497	0	5203752	0	0.314488	0.009797	2.39441	2.718695	0.014514	0	0.000632	0.015146	0.026611	0.363239	0.404995	0.015785	0
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Diesel	250272.2	8427109.393	8427109	0	3148110	0	2.897342	0.294317	0	3.191659	0.149992	0.007256	0	0.157248	0.027868	0.253598	0.438714	0.156774	0.007584
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Electricity	337243.1	15093524.53	0	15093525	4716235	9161279	0	0	0	0	0	0	0	0	0.033276	0.227105	0.260381	0	0
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Gasoline	44541.84	1493751.029	1493751	0	663607.1	0	0.040598	0.001107	0.268307	0.310012	0.001744	0	6.73E-05	0.001811	0.003293	0.052444	0.057548	0.001896	0
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Diesel	122916.6	3970496.445	3970496	0	1546136	0	1.958533	0.155059	0	2.113592	0.087866	0.003553	0	0.091419	0.01313	0.139399	0.243948	0.091839	0.003714
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Electricity	86862.12	3749187.857	0	3749188	1149653	2251281	0	0	0	0	0	0	0	0	0.008266	0.065814	0.07408	0	0
Statewide Totals	2044	MCY	Aggregate	Aggregate	Gasoline	759218.6	4116954.292	4116954	0	1518437	0	2.158102	0	0.12606	2.284162	0.009713	0	0.005486	0.015199	0.004538	0.01906	0.038798	0.010417	0
Statewide Totals	2044	MDV	Aggregate	Aggregate	Gasoline	4485205	161836216.3	1.62E+08	0	20451980	0	5.045694	0	5.211509	10.2572	0.096207	0	0.019264	0.115471	0.356788	0.579711	1.05197	0.104634	0
Statewide Totals	2044	MDV	Aggregate	Aggregate	Diesel	50760.32	1787503.886	1787504	0	229555.2	0	0.029143	0	0	0.029143	0.00236	0	0	0.00236	0.003941	0.006425	0.012726	0.002467	0
Statewide Totals	2044	MDV	Aggregate	Aggregate	Electricity	265890	7352898.819	0	7352899	1252691	2838826	0	0	0	0	0	0	0	0	0.01621	0.01248	0.02869	0	0
Statewide Totals	2044	MDV	Aggregate	Aggregate	Plug-in Hyb	126694.7	4758697.458	1944698	2814000	523882.6	849911.8	0.014237	0	0.065535	0.079773	0.001075	0	0.000463	0.001538	0.010491	0.00743	0.019459	0.001169	0
Statewide Totals	2044	MH	Aggregate	Aggregate	Gasoline	46432.85	491779.7458	491779.7	0	4645.142	0	0.090932	0	0.00201	0.092941	0.000627	0	1.71E-06	0.000629	0.001626	0.008345	0.0106	0.000682	0
Statewide Totals	2044	MH	Aggregate	Aggregate	Diesel	30808.36	284059.1049	284059.1	0	3080.836	0	0.733316	0	0	0.733316	0.009836	0	0	0.009836	0.001252	0.004801	0.015889	0.010281	0
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Gasoline	24765.86	1191168.207	1191168	0	495515.3	0	0.097137	0.001645	0.179181	0.277963	0.001535	0	0.000248	0.001783	0.003939	0.020199	0.025922	0.00167	0
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Diesel	236737.4	9910440.323	9910440	0	2865857	0	3.362619	1.786069	3.761166	8.909854	0.039969	0.000681	0	0.04065	0.032773	0.168708	0.242131	0.041776	0.000712
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Electricity	203054.3	9452544.677	0	9452545	2595625	10090734	0	0	0	0	0	0	0	0	0.031259	0.080606	0.111865	0	0
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Natural Ga	3798.098	151249.147	151249.1	0	34592.11	0	0.010372	0.026618	0	0.036991	0.000214	9.5E-05	0	0.000309	0.0005	0.002588	0.003397	0.000233	0.000103
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Gasoline	6201.257	192631.2766	192631.3	0	124074.8	0	0.055014	0.000352	0.047677	0.103042	0.000229	0	3.65E-05	0.000265	0.000637	0.003289	0.004191	0.000249	0
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Diesel	12070.49	786749.1227	786749.1	0	141664.1	0	0.739906	0.074325	0.154601	0.968832	0.011342	6.51E-05	0	0.011407	0.002602	0.018826	0.032835	0.011854	6.81E-05
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Electricity	3021.659	197864.497	0	197864.5	60457.36	214099.6	0	0	0	0	0	0	0	0	0.000654	0.001688	0.002342	0	0
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Natural Ga	1042.194	53593.29896	53593.3	0	9275.53	0	0.0051	0.001721	0	0.006821	7.12E-05	5.56E-06	0	7.67E-05	0.000177	0.00092	0.001174	7.74E-05	6.05E-06
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Gasoline	4509.457	231116.9114	231116.9	0	18037.83	0	0.037666	0.003587	0.015597	0.056851	0.00032	0	1.49E-05	0.000335	0.00051	0.004081	0.004926	0.000348	0
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Diesel	11425.63	233494.6296	233494.6	0	165443.1	0	0.117167	0.088135	0.120548	0.32585	0.000915	2.94E-05	0	0.000944	0.000772	0.004081	0.005797	0.000956	3.08E-05
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Electricity	10192.37	300783.4529	0	300783.5	128787.1	328911.4	0	0	0	0	0	0	0	0	0.000896	0.00265	0.003546	0	0
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Natural Ga	4461.562	90315.86084	90315.86	0	64603.42	0	0.034199	0.024894	0	0.059093	0.000392	8.04E-05	0	0.000472	0.000299	0.001616	0.002387	0.000426	8.74E-05
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Gasoline	1892.514	175798.9886	175799	0	7570.056	0	0.003248	0	0.002298	0.005546	0.000211	0	1.12E-06	0.000212	0.000388	0.006172	0.006771	0.000229	0
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Diesel	67.47016	3670.206399	3670.206	0	269.8806	0	0.000782	0	0	0.000782	5.64E-05	0	0	5.64E-05	1.21E-05	0.000129	0.000197	5.9E-05	0
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Electricity	16562.66	1817313.098	0	1817313	66250.64	3512789	0	0	0	0	0	0	0	0	0.015742	0.038562	0.054304	0	0
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Natural Ga	247.8676	18021.79271	18021.79	0	991.4704	0	0.002904	0	0	0.002904	0.000209	0	0	0.000209	5.96E-05	0.000633	0.000902	0.000219	0
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Gasoline	33.58427	3944.822118	3944.822	0	671.954	0	0.009278	0	0.00049	0.009768	5.06E-06	0	3.44E-07	5.41E-06	2.17E-05	0.000139	0.000166	5.51E-06	0
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Diesel	413177.8	62367936.88	62367937	0	7201774	0	85.83697	31.9077	19.8316	137.5763	1.766209	0.013032	0	1.779241	0.614153	1.989551	4.382945	1.84607	0.013621
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Electricity	104732.8	10493015.66	0	10493016	1345128	19136513	0	0	0	0	0	0	0	0	0.099767	0.176657	0.276424	0	0
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Natural Ga	19849.46	1235829.09	1235829	0	152775	0	0.340229	0.18346	0	0.523689	0.002041	0.00064	0	0.00268	0.01226	0.069679	0.08462	0.002219	0.000696
Statewide Totals	2045	LDA	Aggregate	Aggregate	Gasoline	12765277	497148656.4	4.97E+08	0	59369327	0	10.75533	0	10.49878	21.25412	0.269094	0	0.050402	0.319495	1.096026	1.469051	2.884572	0.292664	0
Statewide Totals	2045	LDA	Aggregate	Aggregate	Diesel	8803.722	300272.4512	300272.5	0	38832.61	0	0.007722	0	0	0.007722	0.00046	0	0	0.00046	0.000662	0.00089	0.002012	0.00048	0
Statewide Totals	2045	LDA	Aggregate	Aggregate	Electricity	1739474	69887031.25	0	69887031	8182998	26982162	0	0	0	0	0	0	0	0	0.154075	0.118429	0.272504	0	0
Statewide Totals	2045	LDA	Aggregate	Aggregate	Plug-in Hyb	597981.1	23648188.87	9661687	13986502	2472652	4224340	0.070686	0	0.309466	0.380152	0.00525	0	0.002185	0.007435	0.052135	0.036835	0.096405	0.00571	0
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Gasoline	977494.5	34854646.37	34854646	0	4396912	0	0.862947	0	0.873498	1.736445	0.0215	0	0.004265	0.025765	0.076841	0.125105	0.227711	0.023383	0
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Diesel	10.74282	403.0902837	403.0903	0	49.65331	0	1.54E-05	0	0	1.54E-05	1.89E-06	0	0	1.89E-06	8.89E-07	1.43E-06	4.21E-06	1.98E-06	0
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Electricity	27212.29	1087971.914	0	1087972	128280	420047	0	0	0	0	0	0	0	0	0.002399	0.001845	0.004243	0	0
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Plug-in Hyb	20822.72	814621.2185	331701.2	482920	86101.93	145856.2	0.002432	0	0.010762	0.013194	0.000175	0	7.12E-05	0.000247	0.001796	0.001273	0.003315	0.000191	0
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Gasoline	7654517	286882303.4	2.87E+08	0	35294410	0	7.364654	0	7.925767	15.29042	0.162307	0	0.030973	0.19328	0.632468	1.012952	1.838699	0.176524	0
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Diesel	29111.72	1096783.774	1096784	0	134722.1	0	0.036148	0	0	0.036148	0.004946	0	0	0.004946	0.002418	0.003869	0.011233	0.00517	0
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Electricity	295076.2	8187172.023	0	8187172	1392724	3160924	0	0	0	0	0	0	0	0	0.01805	0.013881	0.03193	0	0
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Plug-in Hyb	203444.4	7813805.232	3188062	4625743	841242.5	1397112	0.023356	0	0.105255	0.128611	0.001711	0	0.000714	0.002425	0.017226	0.012198	0.03185	0.001861	0
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Gasoline	339775.6	11778277.7	11778278	0	5062150	0	0.282716	0.009407	2.298872	2.590995	0.01411	0	0.000585	0.014695	0.025967	0.354445	0.395107	0.015346	0
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Diesel	244164.2	8224312.164	8224312	0	3071279	0	2.576506	0.278961	0	2.855467	0.142289	0.007084	0	0.149373	0.027197	0.247495	0.424066	0.148723	0.007404
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Electricity	354827	15621566.93	0	15621567	4961444	9483361	0	0	0	0	0	0	0	0	0.03444	0.235051	0.26949	0	0
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Gasoline	43334.85	1455788.313	1455788	0	645624.6	0	0.037691	0.001055	0.254532	0.293278	0.001705	0	6.48E-05	0.00177	0.003209	0.051111	0.05609	0.001855	0
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Diesel	120625	3885951.054	3885951	0	1517311	0	1.781842	0.149394	0	1.931236	0.085272	0.003489	0	0.08876	0.012851	0.13643	0.238041	0.089127	0.003647
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Electricity	91503.85	3886304.252	0	3886304	1210982	2333825	0	0	0	0	0	0	0	0	0.008568	0.068221	0.076789	0	0
Statewide Totals	2045	MCY	Aggregate	Aggregate	Gasoline	760274.6	4116645.18	4116645	0	1520549	0	2.147016	0	0.121908	2.268924	0.009725	0	0.005489	0.015214	0.004538	0.019059	0.038811	0.010431	0
Statewide Totals	2045	MDV	Aggregate	Aggregate	Gasoline	4495436	162014289.2	1.62E+08	0	20505695	0	4.807795	0	5.110881	9.918676	0.093975	0	0.01871	0.112685	0.357181	0.580277	1.050142	0.102206	0

Statewide Totals	2045	MDV	Aggregate	Aggregate	Diesel	50648.27	1782762.67	1782763	0	229075.4	0	0.028162	0	0	0.028162	0.00224	0	0	0.00224	0.00393	0.006405	0.012575	0.002341	0
Statewide Totals	2045	MDV	Aggregate	Aggregate	Electricity	271389.7	7437827.378	0	7437827	1275358	2871615	0	0	0	0	0	0	0	0	0.016398	0.012625	0.029023	0	0
Statewide Totals	2045	MDV	Aggregate	Aggregate	Plug-in Hyb	128944.5	4808574.65	1963454	2845120	533185.5	859311.1	0.014374	0	0.066701	0.081075	0.001072	0	0.000464	0.001536	0.010601	0.007509	0.019646	0.001165	0
Statewide Totals	2045	MH	Aggregate	Aggregate	Gasoline	46081.57	489416.4407	489416.4	0	4610	0	0.101049	0	0.001944	0.102993	0.000626	0	1.71E-06	0.000628	0.001618	0.008305	0.010552	0.000681	0
Statewide Totals	2045	MH	Aggregate	Aggregate	Diesel	30489.85	282005.3335	282005.3	0	3048.985	0	0.710016	0	0	0.710016	0.008817	0	0	0.008817	0.001243	0.004766	0.014826	0.009216	0
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Gasoline	23972.29	1155978.901	1155979	0	479637.5	0	0.089402	0.001568	0.182578	0.273548	0.001493	0	0.000241	0.001735	0.003823	0.019604	0.025161	0.001624	0
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Diesel	234923.2	9898340.664	9898341	0	2847509	0	3.24447	1.744187	3.686332	8.674989	0.039461	0.000665	0	0.040126	0.032733	0.168474	0.241333	0.041246	0.000695
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Electricity	215166.6	9917612.667	0	9917613	2749224	10585636	0	0	0	0	0	0	0	0	0.032797	0.084573	0.11737	0	0
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Natural Ga	3758.648	150185.6351	150185.6	0	34381.45	0	0.010119	0.026266	0	0.036385	0.000213	9.43E-05	0	0.000307	0.000497	0.00257	0.003374	0.000232	0.000103
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Gasoline	5954.305	186428.122	186428.1	0	119133.7	0	0.054303	0.000335	0.046635	0.101273	0.000221	0	3.48E-05	0.000256	0.000617	0.003183	0.004055	0.000241	0
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Diesel	12146.33	789405.8489	789405.8	0	142530.3	0	0.721981	0.072501	0.152651	0.947134	0.010806	6.26E-05	0	0.010869	0.002611	0.018915	0.032394	0.011295	6.54E-05
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Electricity	3144.142	202824.4368	0	202824.4	62907.99	219475.7	0	0	0	0	0	0	0	0	0.000671	0.00173	0.002401	0	0
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Natural Ga	1052.127	53795.63115	53795.63	0	9363.932	0	0.005094	0.001737	0	0.006831	7.16E-05	5.63E-06	0	7.72E-05	0.000178	0.000924	0.001179	7.79E-05	6.12E-06
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Gasoline	4352.345	221970.8428	221970.8	0	17409.38	0	0.035164	0.003391	0.014782	0.053337	0.000313	0	1.46E-05	0.000327	0.000489	0.00392	0.004737	0.00034	0
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Diesel	10946.96	223917.7059	223917.7	0	158511.9	0	0.099105	0.080767	0.112521	0.292393	0.000822	2.79E-05	0	0.00085	0.00074	0.003914	0.005505	0.000859	2.92E-05
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Electricity	10919.81	320337.5368	0	320337.5	138063	350307.3	0	0	0	0	0	0	0	0	0.000955	0.002822	0.003777	0	0
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Natural Ga	4239.402	86135.1912	86135.19	0	61386.53	0	0.029461	0.023573	0	0.053033	0.000374	7.83E-05	0	0.000452	0.000285	0.001541	0.002278	0.000406	8.52E-05
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Gasoline	1923.357	179245.6814	179245.7	0	7693.428	0	0.003319	0	0.002329	0.005649	0.000215	0	1.13E-06	0.000216	0.000395	0.006293	0.006904	0.000233	0
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Diesel	67.50585	3672.363318	3672.363	0	270.0234	0	0.000815	0	0	0.000815	6.16E-05	0	0	6.16E-05	1.21E-05	0.000129	0.000203	6.44E-05	0
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Electricity	16876.1	1854150.056	0	1854150	67504.38	3587654	0	0	0	0	0	0	0	0	0.016071	0.039344	0.055415	0	0
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Natural Ga	253.3101	18444.73233	18444.73	0	1013.241	0	0.003054	0	0	0.003054	0.000227	0	0	0.000227	6.1E-05	0.000648	0.000936	0.000238	0
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Gasoline	32.50381	3850.651423	3850.651	0	650.3363	0	0.00912	0	0.00063	0.00975	4.95E-06	0	3.34E-07	5.28E-06	2.12E-05	0.000136	0.000162	5.38E-06	0
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Diesel	421414	63975214.01	63975214	0	7376963	0	87.70611	32.74932	20.23232	140.6877	1.812313	0.013362	0	1.825675	0.630102	2.04123	4.497007	1.894257	0.013967
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Electricity	110107.9	10905644.57	0	10905645	1409731	19889654	0	0	0	0	0	0	0	0	0.103659	0.183629	0.287288	0	0
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Natural Ga	19741.62	1231645.934	1231646	0	152974.6	0	0.31594	0.184036	0	0.499976	0.002013	0.000648	0	0.00266	0.012219	0.069117	0.083996	0.002189	0.000704
Statewide Totals	2046	LDA	Aggregate	Aggregate	Gasoline	12804510	497940053.4	4.98E+08	0	59560592	0	10.71638	0	10.46191	21.17829	0.265924	0	0.049543	0.315467	1.097771	1.471146	2.884384	0.289217	0
Statewide Totals	2046	LDA	Aggregate	Aggregate	Diesel	8673.866	297992.7073	297992.7	0	38363.45	0	0.006866	0	0	0.006866	0.000419	0	0	0.000419	0.000657	0.000883	0.001959	0.000438	0
Statewide Totals	2046	LDA	Aggregate	Aggregate	Electricity	1754491	70184477.09	0	70184477	8245684	27097001	0	0	0	0	0	0	0	0	0.15473	0.118938	0.273669	0	0
Statewide Totals	2046	LDA	Aggregate	Aggregate	Plug-in Hyb	600699.6	23683754.71	9666741	14017014	2483893	4233556	0.070718	0	0.310877	0.381595	0.005182	0	0.002156	0.007337	0.052214	0.036893	0.096444	0.005635	0
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Gasoline	975118.8	34797981.63	34797982	0	4392619	0	0.834759	0	0.857508	1.692267	0.020856	0	0.004113	0.024968	0.076716	0.124825	0.22651	0.022682	0
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Diesel	10.83869	405.8970827	405.8971	0	50.10632	0	1.45E-05	0	0	1.45E-05	1.88E-06	0	0	1.88E-06	8.95E-07	1.44E-06	4.22E-06	1.97E-06	0
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Electricity	27972.69	1106096.665	0	1106097	131443.8	427044.6	0	0	0	0	0	0	0	0	0.002439	0.001876	0.004314	0	0
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Plug-in Hyb	21373.46	828213.1384	337166.2	491046.9	88379.24	148310.8	0.002472	0	0.011047	0.013519	0.000177	0	7.26E-05	0.00025	0.001826	0.001294	0.00337	0.000193	0
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Gasoline	7684536	287379144.1	2.87E+08	0	35428337	0	7.227845	0	7.887428	15.11527	0.15983	0	0.030424	0.190254	0.633563	1.01461	1.838427	0.173829	0
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Diesel	29286.17	1099710.407	1099710	0	135420.5	0	0.036176	0	0	0.036176	0.00496	0	0	0.00496	0.002424	0.00388	0.011264	0.005184	0
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Electricity	300491.9	8271149.228	0	8271149	1415192	3193346	0	0	0	0	0	0	0	0	0.018235	0.014025	0.03226	0	0
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Plug-in Hyb	206295.8	7876064.336	3211795	4664269	853033	1408748	0.023528	0	0.106734	0.130262	0.001709	0	0.000717	0.002426	0.017364	0.012296	0.032085	0.001859	0
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Gasoline	330696.5	11510323.06	11510323	0	4926886	0	0.252339	0.00904	2.208994	2.470373	0.013731	0	0.000538	0.014269	0.025376	0.346381	0.386026	0.014934	0
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Diesel	238147	8034848.409	8034848	0	2995590	0	2.265249	0.264073	0	2.529322	0.134914	0.006915	0	0.141828	0.026571	0.241793	0.410193	0.141014	0.007227
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Electricity	371462.8	16102783.51	0	16102784	5193297	9777073	0	0	0	0	0	0	0	0	0.035501	0.242291	0.277792	0	0
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Gasoline	42220.34	1421617.699	1421618	0	629020.2	0	0.035028	0.001007	0.241894	0.277929	0.00167	0	6.23E-05	0.001733	0.003134	0.049911	0.054778	0.001817	0
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Diesel	118177.8	3803701.75	3803702	0	1486528	0	1.577182	0.143319	0	1.720502	0.082568	0.00342	0	0.085988	0.012579	0.133543	0.232109	0.086301	0.003575
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Electricity	95925.32	4012374.79	0	4012375	1269397	2409755	0	0	0	0	0	0	0	0	0.008846	0.070434	0.07928	0	0
Statewide Totals	2046	MCY	Aggregate	Aggregate	Gasoline	759992.6	4115081.193	4115081	0	1519985	0	2.135102	0	0.116944	2.252046	0.00973	0	0.005474	0.015204	0.004536	0.019052	0.038792	0.010437	0
Statewide Totals	2046	MDV	Aggregate	Aggregate	Gasoline	4502082	162141988.4	1.62E+08	0	20549502	0	4.542771	0	4.974831	9.517602	0.091911	0	0.018182	0.110093	0.357462	0.580632	1.048187	0.099962	0
Statewide Totals	2046	MDV	Aggregate	Aggregate	Diesel	50590.64	1779337.21	1779337	0	228813.3	0	0.027446	0	0	0.027446	0.002144	0	0	0.002144	0.003923	0.006389	0.012456	0.002241	0
Statewide Totals	2046	MDV	Aggregate	Aggregate	Electricity	276324.9	7510261.341	0	7510261	1295523	2899581	0	0	0	0	0	0	0	0	0.016557	0.01275	0.029307	0	0
Statewide Totals	2046	MDV	Aggregate	Aggregate	Plug-in Hyb	130972.5	4851754.709	1979722	2872032	541571.5	867439.4	0.014491	0	0.067752	0.082243	0.001069	0	0.000465	0.001534	0.010696	0.007578	0.019808	0.001162	0
Statewide Totals	2046	MH	Aggregate	Aggregate	Gasoline	45868.11	487778.4145	487778.4	0	4588.646	0	0.108342	0	0.001919	0.110261	0.000626	0	1.71E-06	0.000628	0.001613	0.008277	0.010518	0.000681	0
Statewide Totals	2046	MH	Aggregate	Aggregate	Diesel	30232.53	280295.4544	280295.5	0	3023.253	0	0.69087	0	0	0.69087	0.007935	0	0	0.007935	0.001236	0.004737	0.013907	0.008293	0
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Gasoline	23246.83	1125279.932	1125280	0	465122.6	0	0.083398	0.001499	0.188468	0.273364	0.001457	0	0.000235	0.001692	0.003721	0.019084	0.024497	0.001584	0
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Diesel	233657.4	9912056.087	9912056	0	2835943	0	3.149311	1.710195	3.625597	8.485103	0.039107	0.000652	0	0.039759	0.032779	0.16868	0.241217	0.040875	0.000681
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Electricity	226956	10362957.75	0	10362958	2898562	11059377	0	0	0	0	0	0	0	0	0.03427	0.088372	0.122642	0	0
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Natural Ga	3721.746	149308.3344	149308.3	0	34192.82	0	0.009878	0.025933	0	0.035812	0.000213	9.36E-05	0	0.000306	0.000494	0.002555	0.003355	0.000231	0.000102
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Gasoline	5688.935	180675.9802	180676	0	113824.2	0	0.053095	0.000316	0.043775	0.097186	0.000214	0	3.26E-05	0.000247	0.000597	0.003084	0.003928	0.000233	0
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Diesel	12219.61	791938.4618	791938.5	0	143398.8	0	0.702503	0.070949	0.150937	0.92439	0.010265	6E-05	0	0.010325	0.002619	0.019	0.031944	0.010729	6.27E-05
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Electricity	3257.834	207131.5124	0	207131.5	65182.75	224146	0	0	0	0	0	0	0	0	0.000685	0.001767	0.002452	0	0
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Natural Ga	1061.885	54015.58579	54015.59	0	9450.778	0	0.005083	0.001752	0	0.006835	7.21E-05	5.7E-06	0	7.78E-05	0.000179	0.000927	0.001184	7.84E-05	6.2E-06
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Gasoline	4167.675	211727.994	211728	0	16670.7	0	0.03316	0.003168	0.013663	0.049991	0.000302	0	1.41E-05	0.000316	0.000467	0.00374	0.004523	0.000328	0
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Diesel	10454.21	214492.5625	214492.6	0	151377	0	0.085718	0.073784	0.104159	0.263661	0.000752	2.66E-05	0	0.000778	0.000709	0.003749	0.005237	0.000786	2.78E-05
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Electricity	11649.82	339688.9757	0	339689	147369.4	371479.2	0	0	0	0	0	0	0	0	0.001012	0.002993	0.004005	0	0
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Natural Ga	4015.343	82017.4511	82017.45	0	58142.17	0	0.025071	0.022248	0	0.047319	0.000356	7.61E-05	0	0.000432	0.000271	0.001467	0.00217	0.000387	8.27E-05
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Gasoline	1954.198	182692.6967	182692.7	0	7816.794	0	0.003502	0	0.002411	0.005913	0.000218	0	1.15E-06	0.00022	0.000403	0.006414	0.007036	0.000238	0
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Diesel	67.5415	3674.543757	3674.544	0	270.166	0	0.000797	0	0	0.000797	5.88E-05	0	0	5.88E-05	1.22E-05	0.000129	0.0002	6.15E-05	0
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Electricity	17189.45	1890981.291	0	1890981	68757.8	3662509	0	0	0	0	0	0	0	0	0.0164	0.040126	0.056525	0	0
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Natural Ga	258.7508	18867.61483	18867.61	0	1035.003	0	0.003064	0	0	0.003064	0.000225	0	0	0.000225	6.24E-05	0.000662	0.000949	0.000235	0
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Gasoline	31.59968	3771.89212	3771.892	0	632.2464	0	0.00908	0	0.000788	0.009868	4.85E-06	0	3.25E-07	5.18E-06	2.08E-05	0.000133	0.000159	5.27E-06	0
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Diesel	430170.2	65655402.72	65655403	0	7560784	0	89.72814	33.6358	20.66499	144.0289	1.860991	0.013712	0	1.874703	0.646764	2.095132	4.616599	1.945137	0.014332
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Electricity	115349.5	11307626.71	0	11307627	1472962	20623307	0	0	0	0	0	0	0	0	0.107451	0.190388	0.297839	0	0
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Natural Ga	19648.73	1228502.117	1228502	0	153338	0	0.28817	0.184873	0	0.473043	0.001985	0.000656	0	0.002641	0.012188	0.068589	0.083418	0.002159	0.000713
Statewide Totals	2047	LDA	Aggregate	Aggregate	Gasoline	12843643	498668587.2	4.99E+08	0	59748938	0	10.68582	0	10.43551	21.12134	0.26345	0	0.048853	0.312302	1.099377	1.473072	2.884751	0.286526	0
Statewide Totals	2047	LDA	Aggregate	Aggregate	Diesel	8536.527	296041.3619	296041.4	0	37907.43	0	0.005744	0	0	0.005744	0.000374	0	0	0.000374	0.000653	0.000877	0.001903	0.00039	0
Statewide Totals	2047	LDA	Aggregate	Aggregate	Electricity	1768130	70439315.25	0	70439315	8302439	27195389	0	0	0	0	0	0	0	0	0.155292	0.119374	0.274667	0	0
Statewide Totals	2047	LDA	Aggregate	Aggregate	Plug-in Hyb	603321.3	23717044.97	9673047	14043998	2494734	4241706	0.070758	0	0.312239	0.382997	0.005129	0	0.002133	0.007262	0.052287	0.036946	0.096495	0.005578	0
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Gasoline	973713.4	34759773.63	34759774	0	4391685	0	0.811769	0	0.844693	1.656461	0.020316	0	0.003984	0.0243	0.076632	0.124627	0.225559	0.022095	0
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Diesel	10.91829	408.0268589	408.0269	0	50.49645	0	1.32E-05	0	0	1.32E-05	1.86E-06	0	0	1.86E-06	9E-07	1.45E-06	4.21E-06	1.94E-06	0
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Electricity	28661.71	1121826.516	0	1121827	134293.2	433117.6	0	0	0	0	0	0	0	0	0.002473	0.001903	0.004376	0	0
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Plug-in Hyb	21878.33	840207.3236	341989	498218.4	90466.91	150476.8	0.002507	0	0.011308	0.013815	0.000179	0	7.4E-05	0.000253	0.001852	0.001313	0.003419	0.000195	0
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Gasoline	7712817	287821315.9	2.88E+08	0	35555244	0	7.10505	0	7.853847	14.9589	0.157751	0	0.029961	0.187712	0.634538	1.016072	1.838322	0.171569	0
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Diesel	29453.69	1102372.623	1102373	0	136086.8	0	0.036193	0	0	0.036193	0.004973	0	0	0.004973	0.00243	0.003889	0.011292	0.005198	0
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Electricity	305332.9	8342011.25	0	8342011	1435095	3220705	0	0	0	0	0	0	0	0	0.018391	0.014147	0.032538	0	0
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Plug-in Hyb	208878.5	7929850.605	3232366	4697485	863712.8	1418780	0.023677	0	0.108074	0.131751	0.001708	0	0.000719	0.002427	0.017482	0.012381	0.03229	0.001857	0
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Gasoline	322661.4	11273488.85	11273489	0	4807174	0	0.231133	0.008723	2.137341	2.377197	0.013402	0	0.000498	0.0139	0.024854	0.339254	0.378008	0.014576	0
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Diesel	232434.4	7859621.836	7859622	0	2923733	0	2.029445	0.250429	0	2.279874	0.12892	0.006753	0	0.135673	0.025991	0.23652	0.398185	0.134749	0.007058
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Electricity	387121.5	16539108.76	0	16539109	5411383	10043541	0	0	0	0	0	0	0	0	0.036462	0.248857	0.285319	0	0
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Gasoline	41180.73	1390304.59	1390305	0	613531.5	0	0.032988	0.000964	0.23065	0.264602	0.001638	0	6.04E-05	0.001698	0.003065	0.048812	0.053575	0.001782	0
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Diesel	116050.1	3730797.675	3730798	0	1459764	0	1.440563	0.138183	0	1.578746	0.080169	0.003361	0	0.083529	0.012338	0.130983	0.22685	0.083793	0.003513
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Electricity	100118.3	4127821.112	0	4127821	1324787	2479318	0	0	0	0	0	0	0	0	0.0091	0.072461	0.081561	0	0
Statewide Totals	2047	MCY	Aggregate	Aggregate	Gasoline	758448.1	4112391.375	4112391	0	1516896	0	2.122264	0	0.11109	2.233354	0.00973	0	0.005442	0.015172	0.004533	0.019039	0.038745	0.010437	0
Statewide Totals	2047	MDV	Aggregate	Aggregate	Gasoline	4508448	162251507.7	1.62E+08	0	20591945	0	4.297313	0	4.849221	9.146534	0.09009	0	0.01771	0.1078	0.357704	0.580921	1.046424	0.097981	0
Statewide Totals	2047	MDV	Aggregate	Aggregate	Diesel	50580.41	1776959.437	1776959	0	228733.3	0	0.026858	0	0	0.026858	0.002066	0	0	0.002066	0.003918	0.006378	0.012361	0.002159	0
Statewide Totals	2047	MDV	Aggregate	Aggregate	Electricity	280743.2	7571629.473	0	7571629	1313425	2923274	0	0	0	0	0	0	0	0	0.016693	0.012856	0.029548	0	0
Statewide Totals	2047	MDV	Aggregate	Aggregate	Plug-in Hyb	132793.5	4888856.45	1993727	2895129	549101.2	874415.4	0.014593	0	0.068696	0.083289	0.001066	0	0.000466	0.001533	0.010778	0.007637	0.019948	0.00116	0
Statewide Totals	2047	MH	Aggregate	Aggregate	Gasoline	45656.4	486205.5908	486205.6	0	4567.466	0	0.113125	0	0.001875	0.115	0.000626	0	1.72E-06	0.000628	0.001608	0.008251	0.010486	0.000681	0
Statewide Totals	2047	MH	Aggregate	Aggregate	Diesel	30011.05	278797.708	278797.7	0	3001.105	0	0.674237	0	0	0.674237	0.007179	0	0	0.007179	0.001229	0.004711	0.01312	0.007504	0
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Gasoline	22599.92	1098904.175	1098904	0	452179.3	0	0.078953	0.001439	0.193046	0.273439	0.001425	0	0.00023	0.001655	0.003634	0.018638	0.023926	0.00155	0
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Diesel	232960.1	9950946.195	9950946	0	2831342	0	3.073994	1.684273	3.579153	8.33742	0.038902	0.000643	0	0.039545	0.032907	0.169315	0.241768	0.040661	0.000672
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Electricity	238404.2	10789888.2	0	10789888	3043445	11513336	0	0	0	0	0	0	0	0	0.035681	0.092014	0.127696	0	0
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Natural Ga	3686.25	148552.1817	148552.2	0	34010.69	0	0.00966	0.025614	0	0.035274	0.000213	9.29E-05	0	0.000305	0.000491	0.002541	0.003338	0.000231	0.000101
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Gasoline	5443.249	175649.575	175649.6	0	108908.5	0	0.050793	0.000299	0.041926	0.093017	0.000208	0	3.06E-05	0.000238	0.000581	0.002998	0.003817	0.000226	0
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Diesel	12280.67	794343.3408	794343.3	0	144189.8	0	0.682188	0.069662	0.14926	0.901111	0.009736	5.77E-05	0	0.009794	0.002627	0.01908	0.0315	0.010176	6.03E-05
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Electricity	3363.166	210851.5097	0	210851.5	67290.23	228181.2	0	0	0	0	0	0	0	0	0.000697	0.001799	0.002496	0	0
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Natural Ga	1071.199	54283.78084	54283.78	0	9533.675	0	0.005066	0.001767	0	0.006832	7.27E-05	5.77E-06	0	7.84E-05	0.00018	0.000932	0.00119	7.9E-05	6.27E-06
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Gasoline	3857.611	195023.8161	195023.8	0	15430.44	0	0.028984	0.002819	0.011891	0.043694	0.000282	0	1.32E-05	0.000295	0.00043	0.003446	0.004171	0.000307	0
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Diesel	9961.557	205141.4258	205141.4	0	144243.3	0	0.075865	0.067137	0.095785	0.238787	0.000696	2.53E-05	0	0.000721	0.000678	0.003586	0.004986	0.000728	2.65E-05
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Electricity	12386.3	358897.0495	0	358897	156764.3	392491	0	0	0	0	0	0	0	0	0.001069	0.003162	0.004231	0	0
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Natural Ga	3795.506	77973.97895	77973.98	0	54958.93	0	0.021214	0.020958	0	0.042172	0.000338	7.36E-05	0	0.000412	0.000258	0.001395	0.002064	0.000368	8.01E-05
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Gasoline	1985.026	186139.0831	186139.1	0	7940.106	0	0.003675	0	0.002513	0.006188	0.000222	0	1.17E-06	0.000224	0.00041	0.006535	0.007169	0.000242	0
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Diesel	67.57615	3676.672505	3676.673	0	270.3046	0	0.000808	0	0	0.000808	6.05E-05	0	0	6.05E-05	1.22E-05	0.000129	0.000202	6.32E-05	0
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Electricity	17502.61	1927793.046	0	1927793	70010.46	3737329	0	0	0	0	0	0	0	0	0.016729	0.040907	0.057635	0	0
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Natural Ga	264.188	19290.34694	19290.35	0	1056.752	0	0.003146	0	0	0.003146	0.000232	0	0	0.000232	6.38E-05	0.000677	0.000973	0.000242	0
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Gasoline	30.79587	3706.58865	3706.589	0	616.1637	0	0.009235	0	0.000936	0.01017	4.77E-06	0	3.18E-07	5.09E-06	2.04E-05	0.000131	0.000157	5.19E-06	0
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Diesel	439454	67407269.15	67407269	0	7753031	0	91.93376	34.56375	21.12935	147.6269	1.912115	0.01408	0	1.926196	0.664126	2.151195	4.741517	1.998573	0.014717

Statewide Totals	2048	HHDT	Aggregate	Aggregate	Electricity	120457.3	11701637.38	0	11701637	1534956	21342331	0	0	0	0	0	0	0	0	0.111168	0.196975	0.308142	0	0
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Natural Ga	19583.43	1227112.713	1227113	0	153933.5	0	0.272751	0.186027	0	0.458778	0.001962	0.000665	0	0.002627	0.012174	0.068159	0.082959	0.002134	0.000723
Statewide Totals	2048	LDA	Aggregate	Aggregate	Gasoline	12881527	499353512.8	4.99E+08	0	59931087	0	10.66294	0	10.41773	21.08067	0.261531	0	0.048291	0.309822	1.100887	1.474867	2.885576	0.284439	0
Statewide Totals	2048	LDA	Aggregate	Aggregate	Diesel	8400.794	294377.6449	294377.6	0	37480.53	0	0.004532	0	0	0.004532	0.000328	0	0	0.000328	0.000649	0.000871	0.001849	0.000343	0
Statewide Totals	2048	LDA	Aggregate	Aggregate	Electricity	1780564	70660763	0	70660763	8354001	27280886	0	0	0	0	0	0	0	0	0.15578	0.119754	0.275534	0	0
Statewide Totals	2048	LDA	Aggregate	Aggregate	Plug-in Hyb	605881	23749606.07	9680758	14068848	2505318	4249211	0.070809	0	0.313568	0.384377	0.005089	0	0.002116	0.007205	0.052359	0.036997	0.096561	0.005534	0
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Gasoline	974120.4	34748219.78	34748220	0	4395774	0	0.800481	0	0.838348	1.638829	0.019912	0	0.003891	0.023803	0.076607	0.124542	0.224952	0.021656	0
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Diesel	11.04964	410.5561809	410.5562	0	51.00364	0	1.33E-05	0	0	1.33E-05	1.87E-06	0	0	1.87E-06	9.05E-07	1.46E-06	4.24E-06	1.96E-06	0
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Electricity	29301.57	1135565.697	0	1135566	136895.7	438422.1	0	0	0	0	0	0	0	0	0.002503	0.001926	0.00443	0	0
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Plug-in Hyb	22339.19	850771.9426	346237.1	504534.9	92372.55	152384.6	0.002538	0	0.011547	0.014084	0.000181	0	7.52E-05	0.000256	0.001876	0.00133	0.003461	0.000197	0
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Gasoline	7739565	288226617.4	2.88E+08	0	35675837	0	6.984213	0	7.819159	14.80337	0.156002	0	0.02957	0.185573	0.635431	1.017398	1.838402	0.169667	0
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Diesel	29613.26	1104818.263	1104818	0	136718	0	0.036209	0	0	0.036209	0.004985	0	0	0.004985	0.002436	0.003898	0.011319	0.00521	0
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Electricity	309658.3	8401845.399	0	8401845	1452708	3243806	0	0	0	0	0	0	0	0	0.018523	0.014249	0.032772	0	0
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Plug-in Hyb	211210.7	7976384.329	3250195	4726189	873356.4	1427450	0.023805	0	0.109285	0.13309	0.001707	0	0.000722	0.00243	0.017585	0.012454	0.032468	0.001857	0
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Gasoline	314412	11049043.7	11049044	0	4684271	0	0.207761	0.008394	2.062981	2.279136	0.013076	0	0.000452	0.013528	0.024359	0.3325	0.370387	0.014221	0
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Diesel	226894.2	7696445.814	7696446	0	2854044	0	1.810357	0.237606	0	2.047963	0.123518	0.006596	0	0.130114	0.025452	0.23161	0.387175	0.129103	0.006894
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Electricity	401792.2	16933675.5	0	16933675	5615569	10284695	0	0	0	0	0	0	0	0	0.037332	0.254793	0.292126	0	0
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Gasoline	40213.85	1361921.595	1361922	0	599126.4	0	0.031208	0.000924	0.220597	0.252729	0.001608	0	5.84E-05	0.001666	0.003003	0.047815	0.052484	0.001749	0
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Diesel	113892.3	3661126.795	3661127	0	1432622	0	1.302154	0.133035	0	1.435189	0.077802	0.0033	0	0.081103	0.012107	0.128537	0.221747	0.08132	0.00345
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Electricity	104076.1	4233241.266	0	4233241	1377068	2542879	0	0	0	0	0	0	0	0	0.009333	0.074312	0.083644	0	0
Statewide Totals	2048	MCY	Aggregate	Aggregate	Gasoline	755953.1	4109030.098	4109030	0	1511906	0	2.109167	0	0.104612	2.213779	0.009726	0	0.005398	0.015125	0.004529	0.019024	0.038678	0.010434	0
Statewide Totals	2048	MDV	Aggregate	Aggregate	Gasoline	4513466	162338649.6	1.62E+08	0	20630334	0	4.10182	0	4.750538	8.852358	0.088437	0	0.017272	0.105709	0.357896	0.581115	1.044721	0.096183	0
Statewide Totals	2048	MDV	Aggregate	Aggregate	Diesel	50618.39	1775554.101	1775554	0	228830.7	0	0.026351	0	0	0.026351	0.002002	0	0	0.002002	0.003914	0.006371	0.012287	0.002092	0
Statewide Totals	2048	MDV	Aggregate	Aggregate	Electricity	284699.5	7623808.246	0	7623808	1329325	2943419	0	0	0	0	0	0	0	0	0.016808	0.012945	0.029753	0	0
Statewide Totals	2048	MDV	Aggregate	Aggregate	Plug-in Hyb	134430.3	4920890.898	2005856	2915035	555869.1	880427.5	0.01468	0	0.069544	0.084225	0.001064	0	0.000467	0.001532	0.010849	0.007687	0.020068	0.001158	0
Statewide Totals	2048	MH	Aggregate	Aggregate	Gasoline	45493.79	484925.6756	484925.7	0	4551.199	0	0.116416	0	0.001843	0.118259	0.000626	0	1.72E-06	0.000627	0.001604	0.008229	0.01046	0.000681	0
Statewide Totals	2048	MH	Aggregate	Aggregate	Diesel	29812.73	277456.7194	277456.7	0	2981.273	0	0.663457	0	0	0.663457	0.006453	0	0	0.006453	0.001223	0.004688	0.012365	0.006745	0
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Gasoline	22010.42	1076293.374	1076293	0	440384.5	0	0.076066	0.001386	0.201544	0.278996	0.001398	0	0.000225	0.001624	0.003559	0.018255	0.023438	0.001521	0
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Diesel	232860.4	10014245.37	10014245	0	2834055	0	3.018786	1.665649	3.54702	8.231455	0.038829	0.000637	0	0.039466	0.033116	0.170366	0.242949	0.040585	0.000666
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Electricity	249502.5	11199773.41	0	11199773	3183757	11949006	0	0	0	0	0	0	0	0	0.037037	0.095511	0.132548	0	0
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Natural Ga	3655.215	147997.8199	147997.8	0	33868.34	0	0.009473	0.025328	0	0.034802	0.000212	9.23E-05	0	0.000305	0.000489	0.002532	0.003326	0.000231	0.0001
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Gasoline	5195.634	171078.9621	171079	0	103954.2	0	0.046442	0.000281	0.041131	0.087854	0.000202	0	2.86E-05	0.00023	0.000566	0.00292	0.003716	0.000219	0
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Diesel	12329.56	796676.2907	796676.3	0	144886.3	0	0.666819	0.068589	0.147444	0.882852	0.009321	5.62E-05	0	0.009378	0.002635	0.019158	0.03117	0.009743	5.88E-05
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Electricity	3460.713	214064.6725	0	214064.7	69241.95	231668.5	0	0	0	0	0	0	0	0	0.000708	0.001826	0.002534	0	0
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Natural Ga	1078.765	54549.44001	54549.44	0	9601.01	0	0.005029	0.001778	0	0.006807	7.34E-05	5.83E-06	0	7.92E-05	0.00018	0.000937	0.001196	7.98E-05	6.35E-06
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Gasoline	3410.114	171037.0724	171037.1	0	13640.46	0	0.022486	0.002329	0.009235	0.03405	0.000252	0	1.19E-05	0.000264	0.000377	0.003024	0.003665	0.000274	0
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Diesel	9478.429	196050.689	196050.7	0	137247.7	0	0.06848	0.060742	0.087562	0.216784	0.00065	2.41E-05	0	0.000674	0.000648	0.003427	0.00475	0.00068	2.52E-05
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Electricity	13115.12	377615.5164	0	377615.5	166046.7	412964.3	0	0	0	0	0	0	0	0	0.001125	0.003327	0.004452	0	0
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Natural Ga	3587.622	74150.59014	74150.59	0	51948.77	0	0.018052	0.019749	0	0.037801	0.000322	7.1E-05	0	0.000393	0.000245	0.001326	0.001964	0.00035	7.73E-05
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Gasoline	2015.849	189585.2891	189585.3	0	8063.397	0	0.003769	0	0.002576	0.006344	0.000226	0	1.19E-06	0.000227	0.000418	0.006656	0.007301	0.000246	0
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Diesel	67.61099	3678.838356	3678.838	0	270.444	0	0.000841	0	0	0.000841	6.58E-05	0	0	6.58E-05	1.22E-05	0.000129	0.000207	6.88E-05	0
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Electricity	17815.63	1964591.604	0	1964592	71262.52	3812127	0	0	0	0	0	0	0	0	0.017057	0.041688	0.058745	0	0
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Natural Ga	269.6232	19712.98499	19712.98	0	1078.493	0	0.003199	0	0	0.003199	0.000235	0	0	0.000235	6.52E-05	0.000692	0.000992	0.000246	0
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Gasoline	30.09666	3653.204687	3653.205	0	602.174	0	0.009378	0	0.001096	0.010475	4.71E-06	0	3.12E-07	5.02E-06	2.01E-05	0.000129	0.000155	5.12E-06	0
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Diesel	449284.9	69230432.59	69230433	0	7953883	0	94.27581	35.5318	21.62405	151.4317	1.965441	0.014466	0	1.979907	0.682186	2.209457	4.871549	2.054309	0.01512
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Electricity	125446.5	12090648.14	0	12090648	1596042	22052136	0	0	0	0	0	0	0	0	0.11484	0.203431	0.318271	0	0
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Natural Ga	19539.18	1227039.601	1227040	0	154721	0	0.252785	0.187506	0	0.440292	0.001925	0.000675	0	0.0026	0.012173	0.067793	0.082566	0.002093	0.000734
Statewide Totals	2049	LDA	Aggregate	Aggregate	Gasoline	12919645	499985494.8	5E+08	0	60110740	0	10.67043	0	10.43808	21.10851	0.260303	0	0.048047	0.30835	1.10228	1.476515	2.887145	0.283103	0
Statewide Totals	2049	LDA	Aggregate	Aggregate	Diesel	8340.151	293325.8852	293325.9	0	37269.89	0	0.004048	0	0	0.004048	0.000306	0	0	0.000306	0.000647	0.000868	0.001821	0.00032	0
Statewide Totals	2049	LDA	Aggregate	Aggregate	Electricity	1791984	70851899.91	0	70851900	8401165	27354681	0	0	0	0	0	0	0	0	0.156202	0.120081	0.276283	0	0
Statewide Totals	2049	LDA	Aggregate	Aggregate	Plug-in Hyb	608402	23780699.99	9689184	14091516	2515742	4256058	0.070865	0	0.314877	0.385742	0.005059	0	0.002104	0.007163	0.052427	0.037046	0.096636	0.005502	0
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Gasoline	975176.5	34745438.16	34745438	0	4401691	0	0.798442	0	0.837	1.635442	0.019637	0	0.003833	0.02347	0.076601	0.124495	0.224566	0.021357	0
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Diesel	11.16894	412.7579485	412.7579	0	51.46077	0	1.34E-05	0	0	1.34E-05	1.89E-06	0	0	1.89E-06	9.1E-07	1.47E-06	4.27E-06	1.97E-06	0
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Electricity	29884.15	1147405.803	0	1147406	139239.7	442993.3	0	0	0	0	0	0	0	0	0.00253	0.001947	0.004476	0	0
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Plug-in Hyb	22758.48	860019.0593	349955.4	510063.6	94106.31	154054.4	0.002565	0	0.011763	0.014328	0.000182	0	7.62E-05	0.000258	0.001896	0.001344	0.003499	0.000198	0
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Gasoline	7763910	288577623	2.89E+08	0	35788038	0	6.986967	0	7.849642	14.83661	0.154967	0	0.029383	0.18435	0.636205	1.018523	1.839079	0.168541	0
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Diesel	29766	1107047.082	1107047	0	137318	0	0.036224	0	0	0.036224	0.004996	0	0	0.004996	0.002441	0.003906	0.011342	0.005222	0
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Electricity	313518.3	8451951.606	0	8451952	1468283	3263151	0	0	0	0	0	0	0	0	0.018633	0.014335	0.032969	0	0
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Plug-in Hyb	213316.4	8016358.282	3265526	4750833	882063.4	1434893	0.023915	0	0.110378	0.134293	0.001707	0	0.000725	0.002432	0.017673	0.012517	0.032622	0.001857	0
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Gasoline	307225.6	10853676.69	10853677	0	4577203	0	0.190703	0.008113	1.965786	2.164602	0.012898	0	0.000445	0.013343	0.023928	0.326621	0.363892	0.014028	0
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Diesel	221609.6	7546252.94	7546253	0	2787570	0	1.655677	0.225655	0	1.881331	0.117219	0.006446	0	0.123665	0.024955	0.22709	0.37571	0.122519	0.006738
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Electricity	415463.2	17288143.67	0	17288144	5805702	10501519	0	0	0	0	0	0	0	0	0.038114	0.260127	0.298241	0	0
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Gasoline	39291.48	1335718.941	1335719	0	585384.5	0	0.029677	0.000887	0.210203	0.240768	0.001583	0	5.74E-05	0.00164	0.002945	0.046895	0.05148	0.001721	0
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Diesel	111767	3595642.736	3595643	0	1405888	0	1.20694	0.127999	0	1.334938	0.07406	0.003241	0	0.077301	0.011891	0.126238	0.21543	0.077409	0.003388
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Electricity	107800.5	4329129.169	0	4329129	1426267	2600730	0	0	0	0	0	0	0	0	0.009544	0.075995	0.085539	0	0
Statewide Totals	2049	MCY	Aggregate	Aggregate	Gasoline	755062.1	4107074.073	4107074	0	1510124	0	2.098807	0	0.098792	2.197599	0.009755	0	0.005465	0.015221	0.004527	0.019015	0.038763	0.010465	0
Statewide Totals	2049	MDV	Aggregate	Aggregate	Gasoline	4518185	162415732.7	1.62E+08	0	20667526	0	4.084073	0	4.760879	8.844952	0.087639	0	0.01711	0.104749	0.358066	0.581279	1.044093	0.095315	0
Statewide Totals	2049	MDV	Aggregate	Aggregate	Diesel	50688.77	1774820.773	1774821	0	229047.3	0	0.025854	0	0	0.025854	0.001947	0	0	0.001947	0.003913	0.006367	0.012227	0.002035	0
Statewide Totals	2049	MDV	Aggregate	Aggregate	Electricity	288256.1	7668056.314	0	7668056	1343503	2960503	0	0	0	0	0	0	0	0	0.016905	0.013021	0.029927	0	0
Statewide Totals	2049	MDV	Aggregate	Aggregate	Plug-in Hyb	135907.4	4948491.739	2016341	2932150	561977.1	885596.8	0.014756	0	0.07031	0.085066	0.001063	0	0.000468	0.001531	0.01091	0.007731	0.020172	0.001156	0
Statewide Totals	2049	MH	Aggregate	Aggregate	Gasoline	45337.66	483702.7493	483702.7	0	4535.579	0	0.116195	0	0.001806	0.118001	0.000626	0	1.72E-06	0.000628	0.0016	0.008208	0.010436	0.000681	0
Statewide Totals	2049	MH	Aggregate	Aggregate	Diesel	29613.08	276143.8267	276143.8	0	2961.308	0	0.653414	0	0	0.653414	0.005752	0	0	0.005752	0.001218	0.004666	0.011636	0.006012	0
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Gasoline	21473.13	1057013.277	1057013	0	429634.4	0	0.073723	0.001338	0.212808	0.287869	0.001375	0	0.000221	0.001596	0.003495	0.017929	0.023021	0.001496	0
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Diesel	233352.1	10100592.17	10100592	0	2843959	0	2.980327	1.654743	3.529133	8.164202	0.038901	0.000634	0	0.039535	0.033402	0.171811	0.244748	0.04066	0.000663
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Electricity	260254.2	11594574.05	0	11594574	3319565	12368463	0	0	0	0	0	0	0	0	0.038342	0.098879	0.137221	0	0
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Natural Ga	3629.907	147672.1337	147672.1	0	33781.39	0	0.00932	0.025083	0	0.034404	0.000213	9.17E-05	0	0.000304	0.000488	0.002526	0.003319	0.000231	9.98E-05
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Gasoline	4949.542	166921.4158	166921.4	0	99030.44	0	0.045827	0.000263	0.037506	0.083596	0.000199	0	2.84E-05	0.000227	0.000552	0.002849	0.003628	0.000216	0
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Diesel	12365.33	798909.3451	798909.3	0	145465.4	0	0.651057	0.067754	0.145527	0.864338	0.009071	5.55E-05	0	0.009126	0.002642	0.019233	0.031001	0.009481	5.8E-05
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Electricity	3551.377	216830.7855	0	216830.8	71055.96	234672.4	0	0	0	0	0	0	0	0	0.000717	0.00185	0.002567	0	0
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Natural Ga	1085.322	54838.75403	54838.75	0	9659.364	0	0.004975	0.001787	0	0.006763	7.42E-05	5.9E-06	0	8.01E-05	0.000181	0.000942	0.001203	8.07E-05	6.42E-06
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Gasoline	2971.285	147360.949	147360.9	0	11885.14	0	0.016921	0.001849	0.006747	0.025518	0.00022	0	1.05E-05	0.000231	0.000325	0.002606	0.003162	0.00024	0
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Diesel	9022.82	187496.7376	187496.7	0	130650.4	0	0.062825	0.054817	0.079834	0.197477	0.000612	2.29E-05	0	0.000635	0.00062	0.003278	0.004532	0.000639	2.4E-05
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Electricity	13823.64	395500.8002	0	395500.8	175039.1	432527	0	0	0	0	0	0	0	0	0.001178	0.003484	0.004662	0	0
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Natural Ga	3394.381	70589.20099	70589.2	0	49150.64	0	0.015625	0.018639	0	0.034263	0.000306	6.83E-05	0	0.000375	0.000233	0.001263	0.001871	0.000333	7.43E-05
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Gasoline	2046.671	193031.8001	193031.8	0	8186.683	0	0.003892	0	0.002616	0.006508	0.00023	0	1.21E-06	0.000231	0.000426	0.006777	0.007434	0.00025	0
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Diesel	67.64571	3681.023995	3681.024	0	270.5829	0	0.000853	0	0	0.000853	6.76E-05	0	0	6.76E-05	1.22E-05	0.000129	0.000209	7.06E-05	0
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Electricity	18128.57	2001384.278	0	2001384	72514.27	3886915	0	0	0	0	0	0	0	0	0.017386	0.042468	0.059855	0	0
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Natural Ga	275.0556	20135.50384	20135.5	0	1100.222	0	0.003271	0	0	0.003271	0.00024	0	0	0.00024	6.66E-05	0.000707	0.001014	0.000251	0
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Gasoline	29.48128	3609.663539	3609.664	0	589.8614	0	0.009421	0	0.001273	0.010694	4.65E-06	0	3.07E-07	4.96E-06	1.99E-05	0.000128	0.000153	5.06E-06	0
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Diesel	459625.8	71123345.85	71123346	0	8162888	0	96.71974	36.53532	22.14894	155.404	2.020825	0.014865	0	2.03569	0.700928	2.26986	5.006478	2.112197	0.015537
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Electricity	130350.5	12478650.06	0	12478650	1656528	22759984	0	0	0	0	0	0	0	0	0.118504	0.209841	0.328345	0	0
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Natural Ga	19502.11	1228095.025	1228095	0	155633.1	0	0.238622	0.189281	0	0.427902	0.001911	0.000685	0	0.002596	0.012184	0.067476	0.082256	0.002078	0.000745
Statewide Totals	2050	LDA	Aggregate	Aggregate	Gasoline	12955079	500531731.4	5.01E+08	0	60280110	0	10.67771	0	10.45926	21.13696	0.259381	0	0.047883	0.307264	1.103484	1.477908	2.888657	0.2821	0
Statewide Totals	2050	LDA	Aggregate	Aggregate	Diesel	8270.795	292362.5082	292362.5	0	37049.55	0	0.003408	0	0	0.003408	0.000281	0	0	0.000281	0.000645	0.000865	0.00179	0.000294	0
Statewide Totals	2050	LDA	Aggregate	Aggregate	Electricity	1802523	71014337.9	0	71014338	8444493	27417396	0	0	0	0	0	0	0	0	0.15656	0.120359	0.276919	0	0
Statewide Totals	2050	LDA	Aggregate	Aggregate	Plug-in Hyb	610876.9	23809130.04	9697502	14111628	2525976	4262132	0.07092	0	0.316162	0.387082	0.005037	0	0.002096	0.007133	0.05249	0.03709	0.096713	0.005478	0
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Gasoline	976830.1	34749369.35	34749369	0	4409241	0	0.797019	0	0.836415	1.633435	0.019402	0	0.003785	0.023186	0.076609	0.12448	0.224275	0.021101	0
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Diesel	11.27726	414.6495567	414.6496	0	51.87281	0	1.34E-05	0	0	1.34E-05	1.9E-06	0	0	1.9E-06	9.14E-07	1.48E-06	4.29E-06	1.98E-06	0
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Electricity	30411.55	1157486.365	0	1157486	141339.9	446885.3	0	0	0	0	0	0	0	0	0.002552	0.001964	0.004516	0	0
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Plug-in Hyb	23138.67	868038.1304	353180.2	514858	95678.38	155502.5	0.002588	0	0.01196	0.014548	0.000183	0	7.72E-05	0.00026	0.001914	0.001357	0.003531	0.000199	0
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Gasoline	7787616	288887957.9	2.89E+08	0	35896549	0	6.990119	0	7.878714	14.86883	0.154117	0	0.029239	0.183356	0.636889	1.01951	1.839756	0.167617	0
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Diesel	29899.7	1108867.522	1108868	0	137853.6	0	0.036031	0	0	0.036031	0.004999	0	0	0.004999	0.002445	0.003913	0.011356	0.005225	0
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Electricity	316975.9	8493583.383	0	8493583	1482110	3279224	0	0	0	0	0	0	0	0	0.018725	0.014407	0.033132	0	0
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Plug-in Hyb	215228.8	8050473.278	3278620	4771853	889971.1	1441242	0.024009	0	0.11137	0.13538	0.001708	0	0.000728	0.002435	0.017748	0.01257	0.032754	0.001857	0
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Gasoline	301498.7	10691036.99	10691037	0	4491882	0	0.178571	0.007897	1.893425	2.079892	0.012742	0	0.00044	0.013182	0.02357	0.321726	0.358478	0.013858	0
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Diesel	216951.8	7413722.086	7413722	0	2728981	0	1.532698	0.215433	0	1.748131	0.112082	0.006314	0	0.118396	0.024517	0.223102	0.366014	0.11715	0.006599
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Electricity	428139.8	17604208.39	0	17604208	5981876	10695066	0	0	0	0	0	0	0	0	0.038811	0.264883	0.303693	0	0
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Gasoline	38433.52	1311919.259	1311919	0	572602.2	0	0.028316	0.000854	0.200724	0.229893	0.00156	0	5.64E-05	0.001616	0.002892	0.04606	0.050568	0.001696	0
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Diesel	109198.4	3527295.355	3527295	0	1373579	0	1.072576	0.121622	0	1.194199	0.068903	0.003171	0	0.072074	0.011665	0.123838	0.207577	0.072019	0.003314
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Electricity	111287.8	4415718.651	0	4415719	1472330	2653015	0	0	0	0	0	0	0	0	0.009735	0.077515	0.08725	0	0
Statewide Totals	2050	MCY	Aggregate	Aggregate	Gasoline	751899	4102973.011	4102973	0	1503798	0	2.086306	0	0.091344	2.17765	0.009781	0	0.005531	0.015312	0.004523	0.018996	0.03883	0.010492	0
Statewide Totals	2050	MDV	Aggregate	Aggregate	Gasoline	4525945	162516082.6	1.63E+08	0	20712181	0	4.074203	0	4.774055	8.848258	0.086995	0	0.016984	0.103979	0.358287	0.581555	1.043822	0.094615	0
Statewide Totals	2050	MDV	Aggregate	Aggregate	Diesel	50618.16	1772512.003	1772512	0	228926.1	0	0.021176	0	0	0.021176	0.001779	0	0	0.001779	0.003908	0.006356	0.012043	0.001859	0

Statewide Totals	2050 MDV	Aggregate	Aggregate	Electricity	291460.9	7705208.465	0	7705208	1356175	2974846	0	0	0	0	0	0	0	0.016987	0.013085	0.030072	0	0
Statewide Totals	2050 MDV	Aggregate	Aggregate	Plug-in Hyt	137244.3	4972064.436	2025329	2946735	567505.3	890001.9	0.014821	0	0.071004	0.085824	0.001062	0	0.00047	0.001531	0.010962	0.007768	0.020261	0.001155	0
Statewide Totals	2050 MH	Aggregate	Aggregate	Gasoline	45271.34	482893.1737	482893.2	0	4528.945	0	0.111257	0	0.001672	0.112929	0.000627	0	1.73E-06	0.000629	0.001597	0.008195	0.010421	0.000682	0
Statewide Totals	2050 MH	Aggregate	Aggregate	Diesel	29447.47	275006.9349	275006.9	0	2944.747	0	0.644717	0	0	0.644717	0.005139	0	0	0.005139	0.001213	0.004647	0.010998	0.005371	0
Statewide Totals	2050 MHDT	Aggregate	Aggregate	Gasoline	20973.6	1040535.219	1040535	0	419639.7	0	0.071766	0.001294	0.224099	0.297159	0.001356	0	0.000217	0.001573	0.003441	0.01765	0.022664	0.001475	0
Statewide Totals	2050 MHDT	Aggregate	Aggregate	Diesel	234387.9	10207488.26	10207488	0	2860504	0	2.952692	1.649791	3.523677	8.12616	0.039071	0.000634	0	0.039705	0.033755	0.173605	0.247066	0.040838	0.000662
Statewide Totals	2050 MHDT	Aggregate	Aggregate	Electricity	270697.6	11977372.61	0	11977373	3451350	12774993	0	0	0	0	0	0	0	0	0.039608	0.102144	0.141752	0	0
Statewide Totals	2050 MHDT	Aggregate	Aggregate	Natural Ga	3612.452	147639.6676	147639.7	0	33773.53	0	0.009197	0.024892	0	0.034089	0.000213	9.14E-05	0	0.000305	0.000488	0.002525	0.003318	0.000232	9.94E-05
Statewide Totals	2050 OBUS	Aggregate	Aggregate	Gasoline	4753.667	163536.8819	163536.9	0	95111.37	0	0.045081	0.000249	0.034059	0.079389	0.000197	0	2.82E-05	0.000225	0.000541	0.002791	0.003557	0.000214	0
Statewide Totals	2050 OBUS	Aggregate	Aggregate	Diesel	12384.87	801044.387	801044.4	0	145898.6	0	0.635318	0.067034	0.143437	0.84579	0.008861	5.5E-05	0	0.008916	0.002649	0.019304	0.030869	0.009262	5.75E-05
Statewide Totals	2050 OBUS	Aggregate	Aggregate	Electricity	3635.95	219208.1747	0	219208.2	72748.08	237256	0	0	0	0	0	0	0	0	0.000725	0.00187	0.002595	0	0
Statewide Totals	2050 OBUS	Aggregate	Aggregate	Natural Ga	1090.032	55137.86131	55137.86	0	9701.283	0	0.004891	0.001793	0	0.006685	7.52E-05	5.97E-06	0	8.12E-05	0.000182	0.000947	0.00121	8.18E-05	6.49E-06
Statewide Totals	2050 SBUS	Aggregate	Aggregate	Gasoline	2664.229	131130.3833	131130.4	0	10656.92	0	0.012678	0.001506	0.004926	0.019109	0.000197	0	9.44E-06	0.000207	0.000289	0.002319	0.002815	0.000214	0
Statewide Totals	2050 SBUS	Aggregate	Aggregate	Diesel	8596.971	179518.3677	179518.4	0	124484.1	0	0.05828	0.049368	0.072657	0.180305	0.000578	2.18E-05	0	0.0006	0.000594	0.003138	0.004331	0.000604	2.28E-05
Statewide Totals	2050 SBUS	Aggregate	Aggregate	Electricity	14508.77	412455.8475	0	412455.8	183698.1	451074.7	0	0	0	0	0	0	0	0	0.001227	0.003634	0.004861	0	0
Statewide Totals	2050 SBUS	Aggregate	Aggregate	Natural Ga	3218.339	67334.47782	67334.48	0	46601.55	0	0.013866	0.017639	0	0.031505	0.000292	6.56E-05	0	0.000358	0.000223	0.001205	0.001785	0.000318	7.13E-05
Statewide Totals	2050 UBUS	Aggregate	Aggregate	Gasoline	2077.487	196478.228	196478.2	0	8309.949	0	0.00393	0	0.00263	0.00656	0.000234	0	1.23E-06	0.000235	0.000433	0.006898	0.007567	0.000255	0
Statewide Totals	2050 UBUS	Aggregate	Aggregate	Diesel	67.68085	3683.258291	3683.258	0	270.7234	0	0.000878	0	0	0.000878	7.16E-05	0	0	7.16E-05	1.22E-05	0.000129	0.000213	7.49E-05	0
Statewide Totals	2050 UBUS	Aggregate	Aggregate	Electricity	18441.39	2038168.128	0	2038168	73765.57	3961687	0	0	0	0	0	0	0	0	0.017715	0.043249	0.060964	0	0
Statewide Totals	2050 UBUS	Aggregate	Aggregate	Natural Ga	280.4868	20557.96795	20557.97	0	1121.947	0	0.003139	0	0	0.003139	0.000218	0	0	0.000218	6.8E-05	0.000722	0.001007	0.000228	0

PM10_STR	PM10_TOT	PM10_PM'	PM10_PMI	PM10_TOT	CO2_RUNE	CO2_IDLEX	CO2_STRE	CO2_TOTE	CH4_RUNE	CH4_IDLEX	CH4_STRE	CH4_TOTE	N2O_RUNE	N2O_IDLE	N2O_STRE	N2O_TOTE	ROG_RUNE	ROG_IDLE	ROG_STRE	ROG_TOTE	ROG_DIUR	ROG_HOTS	ROG_RUNL	ROG_TOTA	TOG_RUNE	TOG_IDLE	TOG_STRE	TOG_TOTE	TOG_DIUR	TOG_HOTS	TOG_RUNL	TOG_TOTA	CO_RUNEX	CO_IDLEX	CO_STREX	CO_TOTEX	SOx_RUNE	SOx_IDLEX	SOx_STREX	SOx_TOTE	NH3_RUNE	Fuel Consumption
0.001757	0.008082	0.010405	0.059341	0.077828	1395.884	0	22.87911	1418.763	0.326952	0	0	0.326952	0.228418	0	0.00352	0.231937	2.673531	0	0	2.673531	0.119118	0.072875	0.224297	3.08982	3.079599	0	0	3.079599	0.119118	0.073188	0.225263	3.497168	82.69839	0	0.592826	83.29122	0.019102	0	0.000313	0.019415	0.018779	145.4735
0	28.81039	1.360383	3.981213	34.15199	67652.52	2546.349	0	70198.87	2.050309	0.263034	0	2.313343	10.60602	0.399196	0	11.00521	44.1426	5.663053	0	49.80565	0	0	0	49.80565	50.25299	6.446954	0	56.69994	0	0	0	56.69994	149.4709	19.9756	0	169.4465	5.826957	0.219754	0	6.046711	1.035157	6239.853
0	0.000102	8.97E-05	0.000523	0.000715	6.729056	0.175377	0	6.904432	0.018821	0.000506	0	0.019327	0.001475	3.84E-05	0	0.001513	0.003341	8.98E-05	0	0.003431	0	0	0	0.003431	0.022708	0.00061	0	0.023318	0	0	0	0.023318	0.001512	0.001949	0	0.003461	0	0	0	0	0.001445	0.857855
1.024785	7.156189	4.158908	4.024661	15.33976	192033	0	8056.159	200089.1	22.79778	0	20.28621	43.08399	23.46194	0	4.925848	28.38779	135.2727	0	123.3392	258.612	62.14328	28.79688	116.0861	465.6383	161.5313	0	131.8651	293.3964	62.1433	28.92092	116.5862	501.0468	3179.268	0	1215.163	4394.431	2.599389	0	0.109233	2.708623	31.9556	20516.23
0	0.860849	0.023335	0.023522	0.907706	1061.047	0	0	1061.047	0.049563	0	0	0.049563	0.166342	0	0	0.166342	1.067067	0	0	1.067067	0	0	0	1.067067	1.214784	0	0	1.214784	0	0	0	1.214784	5.35774	0	0	5.35774	0.090574	0	0	0.090574	0.009042	94.31463
0	0	0.000254	0.000139	0.000394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.212101	1.495736	0.692404	0.793151	2.981291	36564.4	0	1689.394	38253.79	6.05172	0	3.844121	9.895841	5.58234	0	0.908232	6.490571	41.00336	0	24.50248	65.50584	14.86443	7.57756	22.65411	110.6019	47.30852	0	26.23092	73.53944	14.86443	7.610199	22.75169	118.7658	985.6353	0	277.0958	1262.731	0.498111	0	0.023087	0.521197	5.133999	3922.369
0	0.059777	0.001801	0.002265	0.063843	97.21956	0	0	97.21956	0.003277	0	0	0.003277	0.015241	0	0	0.015241	0.07056	0	0	0.07056	0	0	0	0.07056	0.080327	0	0	0.080327	0	0	0	0.080327	0.410293	0	0	0.410293	0.008384	0	0	0.008384	0.000698	8.641675
0	0	0.000117	6.38E-05	0.00018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.238772	1.829	1.231635	1.371038	4.431673	77785.89	0	2963.851	80749.74	7.117971	0	6.456664	13.57464	9.889914	0	2.173425	12.06334	42.96178	0	39.27885	82.24063	14.83572	6.55495	28.98992	132.6212	51.201	0	41.97946	93.18046	14.83572	6.583184	29.11478	143.7141	1081.015	0	395.2402	1476.256	1.053879	0	0.040239	1.094119	9.238568	8279.711
0	0.004428	0.000125	0.000161	0.004713	7.862356	0	0	7.862356	0.000245	0	0	0.000245	0.001233	0	0	0.001233	0.005269	0	0	0.005269	0	0	0	0.005269	0.005998	0	0	0.005998	0	0	0	0.005998	0.027513	0	0	0.027513	0.000674	0	0	0.000674	4.84E-05	0.698871
0.017923	0.188293	0.160713	1.56695	1.915956	20033.84	63.7458	215.0483	20312.63	1.968898	0.051872	0.363626	2.384396	1.482952	0.001275	0.167897	1.652124	12.70002	0.259031	2.345661	15.30471	2.133827	0.896271	5.757739	24.09255	15.50712	0.318469	2.510698	18.33629	2.133827	0.900131	5.782539	27.15278	260.3555	1.759018	37.77544	299.8899	0.273436	0.000866	0.002923	0.277225	0.853261	2082.765
0	0.573778	0.088196	0.573274	1.235248	4255.438	24.75287	0	4280.191	0.066696	0.000879	0	0.067575	0.667133	0.003881	0	0.671014	1.435927	0.018929	0	1.454857	0	0	0	1.454857	1.634708	0.02155	0	1.656257	0	0	0	1.656257	6.358903	0.156896	0	6.515798	0.369501	0.002146	0	0.371647	0.198441	380.4586
0.002783	0.027075	0.021708	0.246923	0.295706	3077.603	10.36628	34.91631	3122.885	0.295667	0.007201	0.058329	0.361197	0.20602	0.000171	0.023389	0.22958	1.961501	0.036555	0.392092	2.390148	0.322182	0.13992	0.834511	3.686761	2.370932	0.044847	0.420394	2.836173	0.322183	0.140523	0.838105	4.136984	40.60172	0.247754	5.267893	46.11736	0.0419	0.000141	0.000474	0.042515	0.11399	320.2065
0	0.160908	0.025077	0.190165	0.376149	1320.819	10.65682	0	1331.476	0.018893	0.000258	0	0.019151	0.207067	0.001671	0	0.208738	0.406746	0.005565	0	0.412311	0	0	0	0.412311	0.463054	0.006335	0	0.469389	0	0	0	0.469389	1.87493	0.046122	0	1.921051	0.113802	0.000916	0	0.114718	0.056423	118.3525
0.01249	0.033844	0.007882	0.023645	0.065372	445.2549	0	57.68817	502.9431	0.879482	0	0.264159	1.143641	0.140233	0	0.012105	0.152338	7.076944	0	2.168265	9.24521	2.022944	2.498028	2.601203	16.36738	7.752456	0	2.343866	10.09632	2.022945	2.508787	2.612407	17.24046	76.96371	0	6.647252	83.61097	0.006086	0	0.000789	0.006875	0.011226	51.56949
0.140307	0.888453	0.6309	0.689162	2.208515	41682.89	0	1579.362	43262.25	4.357306	0	3.468905	7.826211	5.20279	0	0.926766	6.129556	28.41563	0	21.54633	49.96196	6.979356	2.865661	12.7726	72.57957	33.40664	0	23.03764	56.44428	6.979359	2.878005	12.82761	79.12926	789.5817	0	204.0254	993.607	0.566063	0	0.021461	0.587524	4.530658	4435.914
0	0.086883	0.002351	0.003012	0.092246	165.0222	0	0	165.0222	0.004672	0	0	0.004672	0.025871	0	0	0.025871	0.100594	0	0	0.100594	0	0	0	0.100594	0.11452	0	0	0.11452	0	0	0	0.11452	0.52421	0	0	0.52421	0.014268	0	0	0.014268	0.000911	14.66853
0.000125	0.027022	0.027808	0.102483	0.157313	4574.041	0	1.692686	4575.734	0.440389	0	0.003491	0.44388	0.301735	0	0.000519	0.302254	3.138722	0	0.026367	3.165089	2.707436	1.341196	0.020501	7.234222	3.621207	0	0.028406	3.649613	2.707437	1.346973	0.020589	7.724613	106.5835	0	0.179435	106.763	0.062507	0	2.31E-05	0.06253	0.078711	469.1749
0	0.039668	0.002293	0.006315	0.048276	152.0889	0	0	152.0889	0.001527	0	0	0.001527	0.023843	0	0	0.023843	0.032871	0	0	0.032871	0	0	0	0.032871	0.037422	0	0	0.037422	0	0	0	0.037422	0.119368	0	0	0.119368	0.0131	0	0	0.0131	0.003869	13.51891
0.014218	0.061231	0.045986	0.169555	0.276773	7535.28	54.06584	176.6874	7766.033	0.863573	0.015819	0.289932	1.169324	0.580248	0.00042	0.039732	0.620399	6.332185	0.101693	2.435237	8.869115	1.046162	0.549816	2.268217	12.73331	7.44965	0.119939	2.6269	10.19649	1.046162	0.552185	2.277986	14.07282	158.7051	1.268373	12.00687	171.9804	0.102745	0.000737	0.002414	0.105896	0.140161	796.2937
0	5.829653	0.132312	0.48873	6.450695	13222.29	410.678	0	13632.97	0.379421	0.031255	0	0.410676	2.072885	0.064383	0	2.137268	8.168833	0.672906	0	8.841738	0	0	0	8.841738	9.299594	0.766052	0	10.06565	0	0	0	10.06565	20.91354	3.654737	0	24.56828	1.129506	0.035061	0	1.164567	0.297701	1211.811
0.000785	0.004335	0.005887	0.021749	0.031971	931.3112	3.804412	11.08419	946.1998	0.063279	0.001352	0.018108	0.082738	0.073233	2.93E-05	0.004044	0.077307	0.431357	0.007642	0.140372	0.579371	0.070931	0.034424	0.102461	0.787186	0.514825	0.009222	0.151163	0.67521	0.070931	0.034573	0.102902	0.883615	10.56975	0.050982	1.096484	11.71722	0.012684	5.16E-05	0.000151	0.012886	0.020015	97.01902
0	0.563002	0.008625	0.048653	0.62028	1026.215	35.12908	0	1061.344	0.042341	0.003814	0	0.046154	0.160882	0.005507	0	0.166389	0.91158	0.082112	0	0.993692	0	0	0	0.993692	1.037765	0.093478	0	1.131243	0	0	0	1.131243	2.505578	0.288777	0	2.794355	0.087972	0.003	0	0.090971	0.019407	94.341
0.000221	0.00546	0.001976	0.011245	0.018681	242.6689	13.57408	1.832157	258.0752	0.06367	0.008833	0.004058	0.07656	0.030742	0.000307	0.000404	0.031453	0.477963	0.055025	0.031678	0.564666	0.06259	0.03458	0.050426	0.712261	0.551258	0.064698	0.034097	0.650053	0.06259	0.034729	0.050643	0.798014	12.15782	0.361233	0.349479	12.86853	0.003346	0.000187	2.52E-05	0.003558	0.00661	26.46185
0	0.352144	0.006138	0.023323	0.381605	646.3028	36.87474	0	683.1776	0.023883	0.003238	0	0.027121	0.101322	0.005781	0	0.107103	0.514192	0.069719	0	0.583911	0	0	0	0.583911	0.585368	0.07937	0	0.664738	0	0	0	0.664738	1.247573	0.358048	0	1.605621	0.055622	0.003157	0	0.058779	0.013811	60.72645
4.02E-06	0.00017	0.000457	0.004473	0.0051	73.52023	0	0.291123	73.81135	0.00321	0	0.000381	0.003591	0.00435	0	0.00013	0.00448	0.018151	0	0.002294	0.020446	0.00132	0.000407	0.002519	0.024692	0.022406	0	0.00245	0.024856	0.00132	0.000409	0.00253	0.029116	0.347826	0	0.051379	0.399206	0.001012	0	3.98E-06	0.001016	0.001954	7.56828
0	0.132171	0.030507	0.105466	0.268145	1814.512	0	0	1814.512	0.00782	0	0	0.00782	0.284465	0	0	0.284465	0.168365	0	0	0.168365	0	0	0	0.168365	0.191671	0	0	0.191671	0	0	0	0.191671	1.15401	0	0	1.15401	0.153859	0	0	0.153859	0.026036	161.2888
0	0	3.96E-06	1.82E-05	2.21E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.004412	0.007203	0.024121	0.035736	369.5404	0	0	369.5404	1.513825	0	0	1.513825	0.080979	0	0	0.080979	0.269007	0	0	0.269007	0	0	0	0.269007	1.826857	0	0	1.826857	0	0	0	1.826857	5.215392	0	0	5.215392	0	0	0	0	0.212962	45.91428
0.001601	0.006763	0.008991	0.051262	0.067016	1200.415	0	20.79911	1221.214	0.274566	0	0	0.274566	0.188622	0	0.002681	0.191303	2.235079	0	0	2.235079	0.105175	0.066543	0.202609	2.609406	2.579958	0	0	2.579958	0.105175	0.066829	0.203481	2.955444	68.39087	0	0.484759	68.87562	0.016413	0	0.000284	0.016697	0.016393	125.1979
0	25.7148	1.357994	3.973996	31.04679	67234.1	2448.833	0	69682.93	1.973976	0.239389	0	2.213365	10.54057	0.383914	0	10.92449	42.49916	5.15398	0	47.65314	0	0	0	47.65314	48.38206	5.867414	0	54.24947	0	0	0	54.24947	136.7404	18.76106	0	155.5014	5.791032	0.211297	0	6.002329	1.033353	6194.081
0	0.000206	0.000171	0.000999	0.001377	13.95892	0.362637	0	14.32156	0.039877	0.000985	0	0.040862	0.002881	7.48E-05	0	0.002956	0.007079	0.000175	0	0.007254	0	0	0	0.007254	0.048113	0.001188	0	0.049301	0	0	0	0.049301	0.003121	0.003796	0	0.006917	0	0	0	0	0.00276	1.675762
0.941116	6.311069	4.146829	4.006216	14.46411	189574.3	0	8066.643	197640.9	20.32362	0	20.00508	40.3287	21.50525	0	4.932068	26.43732	119.8306	0	121.0079	240.8385	60.3194	27.74655	107.2674	436.1719	143.6112	0	129.365	272.9761	60.31942	27.86606	107.7295	468.8911	2976.842	0	1182.452	4159.294	2.565731	0	0.109352	2.675083	30.84979	20262
0	0.72472	0.020366	0.02053	0.765615	918.4808	0	0	918.4808	0.041824	0	0	0.041824	0.143994	0	0	0.143994	0.900439	0	0	0.900439	0	0	0	0.900439	1.025089	0	0	1.025089	0	0	0	1.025089	4.625919	0	0	4.625919	0.078413	0	0	0.078413	0.007892	81.64329
0	0	0.000287	0.000157	0.000444	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.190992	1.291722	0.658641	0.75323	2.703593	34645.14	0	1621.184	36266.33	5.237364	0	3.64912	8.886484	4.88807	0	0.868382	5.756452	35.31962	0	23.12122	58.44084	13.89172	7.032515	20.65469	100.0198	40.84739	0	24.74869	65.59608	13.89172	7.062806	20.74365	107.2943	865.5581	0	258.2149	1123.773	0.471694	0	0.022146	0.49384	4.790825	3717.996
0	0.050444	0.00154	0.001947	0.053931	83.61976	0	0	83.61976	0.002774	0	0	0.002774	0.013109	0	0	0.013109	0.059717	0	0	0.059717	0	0	0	0.059717	0.067984	0	0	0.067984	0	0	0	0.067984	0.348363	0	0	0.348363	0.007211	0	0	0.007211	0.000597	7.432918
0	0	0.000121	6.61E-05	0.000187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2282	1.667761	1.278204	1.419957	4.365922	80162.21	0	3101.688	83263.9	6.535748	0	6.632121	13.16787	9.377724	0	2.286609	11.66433	39.05091	0	40.05523	79.10614	14.76046	6.416538	27.36403	127.6472	46.7502	0	42.80543	89.55563	14.76046	6.444175	27.4819	138.2422	1046.003	0	398.3458	1444.349	1.085822	0	0.042098	1.12792	9.272272	8536.151
0	0.003789	0.000118	0.00015	0.004057	7.254412	0	0	7.254412	0.000213	0	0	0.000213	0.001137	0	0	0.001137	0.00459	0	0	0.00459	0	0	0	0.00459	0.005226	0	0	0.005226	0	0	0	0.005226	0.025064	0	0	0.025064	0.000621	0	0	0.000621	4.56E-05	0.644841
0.017768	0.178765	0.167771	1.635764	1.9823	20852.43	68.90289	227.0778	21148.41	1.836695	0.057392	0.387293	2.28138	1.407142	0.001418	0.194157	1.602717	11.79154	0.28143	2.456114	14.52908	2.249392	0.919121	5.787839	23.48543	14.45774	0.347503	2.628225	17.43347	2.249392	0.92308	5.812769	26.41871	238.3752	1.914385	39.10958	279.3991	0.284557	0.000936	0.003086	0.288578	0.898358	2168.119
0	0.576782	0.099163	0.644557	1.320502	4785.25	28.18043	0	4813.431	0.074102	0.001001	0	0.075103	0.750204	0.004418	0	0.754622	1.595369	0.021551	0	1.61692	0	0	0	1.61692	1.816222	0.024534	0	1.840756	0	0	0	1.840756	6.98923	0.178624	0	7.167854	0.41556	0.002443	0	0.418003	0.223116	427.8634
0.002691	0.024733	0.021568	0.245336	0.291637	3049.261	10.71528	35.4393	3095.416	0.263714	0.007618	0.05958	0.330912	0.186914	0.000183	0.026026	0.213123	1.745568	0.037991	0.394999	2.178558	0.32664	0.139997	0.805675	3.45087	2.115305	0.046795	0.423452	2.585551	0.32664	0.1406	0.809146	3.861936	35.69129	0.257845	5.192155	41.14129	0.041501	0.000145	0.000481	0.042128	0.114196	317.3397
0	0.154601	0.026212	0.198777	0.37959	1382.844	11.64514	0	1394.489	0.019845	0.000279	0	0.020123	0.216794	0.001826	0	0.21862	0.427248	0.005999	0	0.433247	0	0	0	0.433247	0.486394	0.006829	0	0.493223	0	0	0	0.493223	1.947875	0.049721	0	1.997596	0.119243	0.001001	0	0.120245	0.058978	123.9554
0.012942	0.035308	0.010847	0.03254	0.078695	609.2118	0	70.32948	679.5413	1.176921	0	0.314353	1.491274	0.193213	0	0.014683	0.207896	9.34696	0	2.562029	11.90899	2.487843	3.057293	3.163104	20.61723	10.28153	0	2.768701	13.05024	2.487844	3.070462	3.176729	21.78527	101.9971	0	8.324011	110.3211	0.008328	0	0.000962	0.00929	0.016138	69.66606
0.143753	0.8766	0.725744	0.787791	2.390135	48085.42	0	1822.969	49908.39	4.225975	0	4.034009	8.259984	5.178375	0	1.172366	6.350741	27.12149	0	24.66453	51.78601	7.40096	2.990076	12.72559	74.90264	32.04678	0	26.36613	58.41291	7.400963	3.002955	12.7804	81.59722	777.646	0	219.624	997.2699	0.652753	0	0.02476	0.677513	4.99255	5116.57
0	0.073807	0.002027	0.00261	0.078445	141.9564	0	0	141.9564	0.003974	0	0	0.003974	0.022255	0	0	0.022255	0.085557	0	0	0.085557	0	0	0	0.085557	0.097401	0	0	0.097401	0	0	0	0.097401	0.45079	0	0	0.45079	0.012267	0	0	0.012267	0.000786	12.61843
0.000115	0.023693	0.02603	0.095938	0.145662	4269.969	0	1.59578	4271.565	0.384564	0	0.003243	0.387807	0.264443	0	0.00053	0.264973	2.730601	0	0.024314	2.754915	2.558004	1.253241	0.019311	6.585472	3.157417	0	0.026193	3.18361	2.558005	1.258639	0.019394	7.019648	91.71842	0	0.169002	91.88742	0.058366	0	2.18E-05	0.058388	0.075694	437.9176
0	0.041782	0.002606	0.007177	0.051565	172.3908	0	0	172.3908	0.001619	0	0	0.001619	0.027026	0	0	0.027026	0.034853	0	0	0.034853	0	0	0	0.034853	0.039678	0	0	0.039678	0	0	0	0.039678	0.126697	0	0	0.126697	0.014847	0	0	0.014847	0.004398	15.32373
0.012944	0.052454	0.042675	0.157284	0.252412	6961.643	51.69578	165.5635	7178.902	0.72889	0.01529	0.270621	1.014801	0.521446	0.000394	0.038502	0.560343	5.284499	0.097373	2.268968	7.650839	0.953273	0.504034	2.087534	11.19568	6.243149	0.115427	2.446989	8.805564	0.953273	0.506205	2.096526	12.36157	131.4246	1.218117	11.88136	144.5241	0.094853	0.000704	0.002261	0.097818	0.134107	735.9756
0	5.480125	0.132084	0.487893	6.100102	13154.28	452.1182	0	13606.39	0.362131	0.031193	0	0.393324	2.062251	0.07088	0	2.133131	7.796582	0.671574	0	8.468156	0	0	0	8.468156	8.875815	0.764536	0	9.640351	0	0	0	9.640351	20.00699	3.76853	0	23.77552	1.123701	0.038615	0	1.162316	0.29719	1209.465
0.000735	0.003927	0.006423	0.023726	0.034076	1014.14	4.120626	11.3466	1029.607	0.057699	0.001513	0.018368	0.07758	0.073568	3.19E-05	0.004292	0.077891	0.382699	0.008356	0.139312	0.530367	0.067063	0.032532	0.096803	0.726765	0.459493	0.010154	0.149924	0.619571	0.067063	0.032672	0.09722	0.816527	10.43168	0.055903	1.210551	11.69813	0.013808	5.59E-05	0.000154	0.014018	0.022436	105.5545
0	0.536899	0.008611	0.048569	0.594079	1022.221	40.56154	0	1062.782	0.040961	0.004285	0	0.045246	0.160258	0.006359	0	0.166617	0.881882	0.092251	0	0.974133	0	0	0	0.974133	1.003956	0.105021	0	1.108976	0	0	0	1.108976	2.421731	0.327842	0	2.749573	0.087632	0.003464	0	0.091096	0.019374	94.47018
0.000199	0.004786	0.001813	0.01032	0.016919	223.1693	12.92129	1.749473	237.8401	0.06054	0.008325	0.003955	0.072819	0.029264	0.00027	0.0004	0.029935	0.452594	0.052162	0.030891	0.535647	0.056768	0.031192	0.047444	0.671052	0.523837	0.061727	0.033245	0.618809	0.056768	0.031326	0.047649	0.754552	11.40284	0.344421	0.349647	12.09691	0.003078	0.000178	2.41E-05	0.003279	0.006308	24.38318
0	0.335457	0.006127	0.023282	0.364866	642.9871	37.40796	0	680.395	0.023108	0.003037	0	0.026145	0.100804	0.005865	0	0.106668	0.497504	0.065381	0	0.562885	0	0	0	0.562885	0.56637	0.074432	0	0.640802	0	0	0	0.640802	1.209042	0.343113	0	1.552156	0.055337	0.003202	0	0.058539	0.013786	60.47997
3.47E-06	0.000159	0.000438	0.004306	0.004904	70.4948	0	0.246092	70.74089	0.002734	0	0.000336	0.00307	0.003705	0	0.000121	0.003826	0.015584	0	0.001983	0.017568	0.001118	0.000345	0.001923	0.020954	0.019309	0	0.002118	0.021427	0.001118	0.000346	0.001931	0.024823	0.299355	0	0.04324	0.342595	0.000969	0	3.38E-06	0.000972	0.001888	7.252303
0	0.122468	0.028944	0.100577	0.251989	1713.117	0	0	1713.117	0.007242	0	0	0.007242	0.268573	0	0	0.268573	0.155909	0	0	0.155909	0	0	0	0.155909	0.17749	0	0	0.17749	0	0	0	0.17749	1.073025	0	0	1.073025	0.14575	0	0	0.14575	0.024827	152.2781
0	0	4.98E-06	2.28E-05	2.78E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.005851	0.009615	0.031989	0.047455	526.6049	0	0	526.6049	2.061239	0	0	2.061239	0.108675	0	0	0.108675	0.36621	0	0	0.36621	0	0	0	0.36621	2.487387	0	0	2.487387	0	0	0	2.487387	7.026404	0	0	7.026404	0	0	0	0	0.28238	61.61792
0.001388	0.005747	0.008441	0.048241	0.06243	1122.301	0	18.18651	1140.487	0.244144	0	0	0.244144	0.163271	0	0.001949	0.16522	1.96332	0	0	1.96332	0.091549	0.057537	0.17392	2.286327	2.275734	0	0	2.275734	0.091549	0.057785	0.174669	2.599738	58.51371	0	0.434479	58.94819	0.015347	0	0.000248	0.015595	0.015706	116.7335
0	25.0846	1.388529	4.061881	30.53501	68507.22	2529.258	0	71036.47	2.018899	0.230588	0	2.249487	10.74058	0.396538	0	11.13712	43.46635	4.964496	0	48.43085	0	0	0	48.43085	49.48313	5.651701	0	55.13483	0	0	0	55.13483	137.024	18.83196	0	155.856	5.901042	0.218253	0	6.119295	1.056591	6314.644
0	0.000871	0.000685	0.003994	0.00555	57.18027	1.50519	0	58.68546	0.174235	0.004073	0	0.178308	0.011757	0.000309	0	0.012066	0.03093	0.000723	0	0.031653	0	0	0	0.031653	0.210223	0.004914	0	0.215137	0	0	0	0.215137	0.013354	0.015697	0	0.029052	0	0	0	0	0.011032	6.841303
0.85078	5.813479	4.319025	4.16799	14.3005	196187.4	0	7921.649	204109	19.29259	0	19.44471	38.7373	20.82324	0	4.88217	25.70541	112.5869	0	116.5615	229.1484	57.63571	26.1161	97.07816	409.9784	135.4457	0	124.605	260.0508	57.63573	26.22859	97.4963	441.4114	2945.554	0	1127.127	4072.681	2.650778	0	0.107201	2.757979	31.20974	20891.4
0	0.650031	0.019518	0.019596	0.689145	866.8714	0	0	866.8714	0.037673	0	0	0.037673	0.135908	0	0	0.135908	0.811082	0	0	0.811082	0	0	0	0.811082	0.923363	0	0	0.923363	0	0	0	0.923363	4.318603	0	0	4.318603	0.074036	0	0	0.074036	0.007563	77.05878
0	0	0.001408	0.000766	0.002174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.164732	1.134742	0.645931	0.737564	2.518237	33902.39	0	1494.849	35397.24	4.69408	0	3.33373	8.02781	4.399236	0	0.802723	5.201959	31.43942	0	20.9019	52.34133	12.52504	6.241068	17.93465	89.04209	36.43074	0	22.37085	58.80159	12.52505	6.26795	18.0119	95.60649	780.0462	0	228.9721	1009.018	0.460558	0	0.020375	0.480933	4.60775	3623.053
0	0.044614	0.00144	0.001812	0.047866	79.57054	0	0	79.57054	0.002474	0	0	0.002474	0.012475	0	0	0.012475	0.053267	0	0	0.053267	0	0	0	0.053267	0.060641	0	0	0.060641	0	0	0	0.060641	0.317199	0	0	0.317199	0.006858	0	0	0.006858	0.000558	7.073262
0	0	0.000305	0.000166	0.000471	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.208655	1.543678	1.317246	1.466339	4.327263	82350.29	0	3051.144	85401.43	6.227043	0	6.476231	12.70327	9.120079	0	2.261289	11.38137	36.76093	0	38.78404	75.54496	14.04977	5.992543	24.67653	120.2638	44.20453	0	41.44428	85.64881	14.04977	6.018354	24.78282	130.4998	1035.92	0	380.9179	1416.838	1.113777	0	0.041349	1.155126	9.322537	8741.187
0	0.003265	0.000105	0.000134	0.003504	6.412166	0	0	6.412166	0.000184	0	0	0.000184	0.001005	0	0	0.001005	0.003961	0	0	0.003961	0	0	0	0.003961	0.004509	0	0	0.004509	0	0	0	0.004509	0.021893	0	0	0.021893	0.00055	0	0	0.00055	4.06E-05	0.569997
0.017192	0.176872	0.185228	1.805971	2.168071	23007.4	73.21497	235.6265	23316.24	1.774572	0.062734	0.40694	2.244246	1.390084	0.001572	0.221956	1.613612	11.31685	0.30029	2.522668	14.13981	2.273446	0.905433	5.612979	22.93167	13.93266	0.372429	2.698822	17.00391	2.273447	0.909333	5.637156	25.82384	225.7715	2.046012	39.43448	267.252	0.313556	0.000993	0.003198	0.317747	0.9998	2386.513
0	0.635797	0.117333	0.762667	1.515797	5660.516	31.676	0	5692.192	0.088855	0.001125	0	0.08998	0.887458	0.004966	0	0.892424	1.912997	0.024225	0	1.937222	0	0	0	1.937222	2.17782	0.027578	0	2.205398	0	0	0	2.205398	8.646782	0.200789	0	8.847571	0.491581	0.002747	0	0.494327	0.264	505.9959
0.002211	0.021432	0.022454	0.255414	0.2993	3160.759	10.53983	33.35012	3204.649	0.213843	0.00786	0.055453	0.277156	0.165264	0.000194	0.028462	0.19392	1.389887	0.037657	0.351565	1.77911	0.278477	0.115371	0.682176	2.855134	1.694787	0.046642	0.376562	2.117991	0.278477	0.115868	0.685114	3.197451	28.08632	0.256002	4.807374	33.1497	0.042934	0.000143	0.000452	0.043528	0.12129	328.009
0	0.158217	0.028807	0.218455	0.405479	1521.178	12.45874	0	1533.636	0.022184	0.000294	0	0.022478	0.238491	0.001953	0	0.240444	0.477613	0.00633	0	0.483943	0	0	0	0.483943	0.54373	0.007207	0	0.550937	0	0	0	0.550937	2.210568	0.052469	0	2.263037	0.131238	0.001072	0	0.13231	0.064816	136.3295
0.01289	0.035937	0.012529	0.037587	0.086053	703.3983	0	76.37036	779.7686	1.346625	0	0.337456	1.684082	0.223368	0	0.015885	0.239253	10.63695	0	2.738366	13.37532	2.743307	3.323577	3.438564	22.88076	11.72138	0	2.958836	14.68022	2.743307	3.337893	3.453375	24.21479	116.3446	0	9.146389	125.491	0.009602	0	0.001043	0.010645	0.018916	79.81252
0.145086	0.905075	0.873657	0.942208	2.72094	58151.28	0	2065.801	60217.09	4.341623	0	4.620005	8.961629	5.448973	0	1.433991	6.882964	27.28926	0	27.73199	55.02126	7.635042	3.032085	12.36855	78.05694	32.42502	0	29.64	62.06502	7.635044	3.045145	12.42183	85.16704	804.5831	0	232.2536	1036.837	0.788198	0	0.028014	0.816212	5.785565	6163.466
0	0.0697	0.002079	0.002633	0.074411	143.3651	0	0	143.3651	0.00379	0	0	0.00379	0.022477	0	0	0.022477	0.0816	0	0	0.0816	0	0	0	0.0816	0.092896	0	0	0.092896	0	0	0	0.092896	0.448276	0	0	0.448276	0.012381	0	0	0.012381	0.000806	12.74415
0.000101	0.02144	0.025315	0.093294	0.140049	4145.641	0	1.44936	4147.09	0.345709	0	0.002888	0.348597	0.241336	0	0.00052	0.241856	2.438311	0	0.021437	2.459748	2.340092	1.125154	0.017621	5.942615	2.828815	0	0.02309	2.851905	2.340093	1.13	0.017697	6.339695	81.16992	0	0.155241	81.32516	0.056586	0	1.98E-05	0.056605	0.07564	424.4717
0	0.045327	0.003045	0.008385	0.056758	200.9391	0	0	200.9391	0.001769	0	0	0.001769	0.031503	0	0	0.031503	0.038086	0	0	0.038086	0	0	0	0.038086	0.043359	0	0	0.043359	0	0	0	0.043359	0.138521	0	0	0.138521	0.017309	0	0	0.017309	0.005138	17.86207
0.011272	0.045599	0.04218	0.155421	0.243201	6856.686	48.20816	149.9205	7054.815	0.636379	0.014528	0.244871	0.895778	0.495169	0.000364	0.036651	0.532184	4.536397	0.090878	2.03471	6.661985	0.843085	0.440637	1.831173	9.776879	5.380677	0.108374	2.19381	7.682861	0.843086	0.442535	1.83906	10.80754	113.101	1.140567	11.1924	125.434	0.093173	0.000655	0.002043	0.095871	0.136674	722.0893
0	5.284977	0.135098	0.499024	5.919099	13409.24	446.4331	0	13855.67	0.356136	0.028326	0	0.384462	2.102305	0.069992	0	2.172296	7.667521	0.609843	0	8.277364	0	0	0	8.277364	8.728889	0.69426	0	9.423149	0	0	0	9.423149	19.80333	3.51908	0	23.32241	1.145516	0.038132	0	1.183648	0.30397	1231.672
0.000667	0.003859	0.008117	0.029962	0.041938	1279.379	4.734768	11.76782	1295.882	0.059342	0.001807	0.019125	0.080273	0.085297	3.68E-05	0.004872	0.090206	0.37587	0.009682	0.13892	0.524471	0.062504	0.029344	0.09061	0.706929	0.455188	0.011867	0.149331	0.616386	0.062504	0.029471	0.091	0.79936	11.25534	0.065033	1.290136	12.61051	0.017382	6.4E-05	0.00016	0.017606	0.029063	132.6388
0	0.472572	0.008809	0.049684	0.531065	1040.262	37.15424	0	1077.417	0.036356	0.003746	0	0.040101	0.163093	0.005825	0	0.168918	0.782725	0.080645	0	0.863371	0	0	0	0.863371	0.891073	0.091809	0	0.982882	0	0	0	0.982882	2.196925	0.293696	0	2.49062	0.089182	0.003173	0	0.092355	0.01982	95.77477
0.000173	0.004308	0.001797	0.010237	0.016342	222.1093	12.52847	1.687416	236.3252	0.062685	0.008029	0.003704	0.074418	0.030104	0.000238	0.000398	0.03074	0.463865	0.050412	0.02891	0.543186	0.052007	0.027179	0.043919	0.666292	0.54076	0.060249	0.031109	0.632118	0.052007	0.027297	0.044109	0.755529	11.37659	0.335465	0.359972	12.07203	0.00305	0.000171	2.31E-05	0.003245	0.006576	24.18885
0	0.327261	0.006267	0.023814	0.357343	655.0768	37.88272	0	692.9595	0.022995	0.002776	0	0.025771	0.102703	0.005939	0	0.108642	0.495066	0.059776	0	0.554842	0	0	0	0.554842	0.563594	0.068051	0	0.631645	0	0	0	0.631645	1.205106	0.325635	0	1.530741	0.05638	0.003246	0	0.059626	0.014101	61.59924
4.03E-06	0.000194	0.000654	0.006334	0.007182	108.7473	0	0.292282	109.0395	0.003047	0	0.000396	0.003443	0.004409	0	0.000169	0.004577	0.017047	0	0.002208	0.019254	0.001202	0.000359	0.001765	0.02258	0.021204	0	0.002357	0.023561	0.001202	0.00036	0.001772	0.026896	0.329596	0	0.043912	0.373508	0.001463	0	3.97E-06	0.001467	0.00274	11.16064
0	0.119267	0.028356	0.098352	0.245975	1678.352	0	0	1678.352	0.007143	0	0	0.007143	0.263133	0	0	0.263133	0.15379	0	0	0.15379	0	0	0	0.15379	0.175078	0	0	0.175078	0	0	0	0.175078	1.054949	0	0	1.054949	0.1427	0	0	0.1427	0.024285	149.1937
0	0	5.48E-06	2.51E-05	3.06E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.008266	0.013784	0.044619	0.066669	752.2232	0	0	752.2232	2.976873	0	0	2.976873	0.15466	0	0	0.15466	0.528744	0	0	0.528744	0	0	0	0.528744	3.592167	0	0	3.592167	0	0	0	3.592167	10.10416	0	0	10.10416	0	0	0	0	0.393796	87.69101
0.00138	0.005313	0.008018	0.045798	0.059129	1050.65	0	17.91827	1068.568	0.226811	0	0	0.226811	0.148404	0	0.00185	0.150255	1.824193	0	0	1.824193	0.091356	0.057243	0.171047	2.14384	2.115962	0	0	2.115962	0.091357	0.057489	0.171784	2.436592	54.2458	0	0.439326	54.68512	0.010195	0	0.000174	0.010369	0.015008	110.6014
0	23.87326	1.350442	3.95009	29.17379	66471.27	2717.239	0	69188.51	1.954229	0.237375	0	2.191604	10.42051	0.425974	0	10.84648	42.07402	5.110619	0	47.18464	0	0	0	47.18464	47.89807	5.818051	0	53.71612	0	0	0	53.71612	130.5705	19.8528	0	150.4233	5.725286	0.234399	0	5.959686	1.027615	6149.852
0	0.001246	0.000817	0.004764	0.006826	67.6419	2.034208	0	69.67611	0.201003	0.005501	0	0.206503	0.013898	0.000418	0	0.014316	0.035681	0.000976	0	0.036658	0	0	0	0.036658	0.242518	0.006637	0	0.249155	0	0	0	0.249155	0.018453	0.021201	0	0.039654	0	0	0	0	0.013158	8.117283
0.775782	5.109225	4.194794	4.047548	13.35157	187391.8	0	7655.406	195047.2	17.29677	0	18.7184	36.01517	18.87354	0	4.772853	23.6464	100.6182	0	111.9212	212.5394	55.57884	24.92729	87.7959	380.8414	121.4352	0	119.6429	241.0781	55.57886	25.03465	88.17406	409.8657	2745.934	0	1069.342	3815.276	1.818398	0	0.074286	1.892684	29.50341	20188.22
0	0.555444	0.018051	0.018019	0.591515	787.5572	0	0	787.5572	0.032388	0	0	0.032388	0.123463	0	0	0.123463	0.697297	0	0	0.697297	0	0	0	0.697297	0.793826	0	0	0.793826	0	0	0	0.793826	3.86975	0	0	3.86975	0.067307	0	0	0.067307	0.006995	70.00239
0	0	0.003289	0.001792	0.005081	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.153857	1.026607	0.6098	0.702839	2.339246	31633.8	0	1431.776	33065.58	4.311623	0	3.230676	7.542299	4.035508	0	0.771378	4.806887	28.7861	0	20.25756	49.04366	12.36608	6.039852	16.93363	84.38321	33.44647	0	21.67943	55.1259	12.36608	6.065867	17.00656	90.56441	721.7036	0	219.1956	940.8992	0.306966	0	0.013894	0.320859	4.309295	3422.43
0	0.040401	0.001332	0.001685	0.043418	73.98015	0	0	73.98015	0.002254	0	0	0.002254	0.011598	0	0	0.011598	0.048518	0	0	0.048518	0	0	0	0.048518	0.055235	0	0	0.055235	0	0	0	0.055235	0.291415	0	0	0.291415	0.006372	0	0	0.006372	0.000516	6.57576
0	0	0.000365	0.0002	0.000565	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.205657	1.45931	1.376512	1.533341	4.369163	84727.58	0	3180.091	87907.67	5.97135	0	6.728486	12.69984	8.856087	0	2.406905	11.26299	35.05369	0	40.10136	75.15505	14.39253	6.044783	23.57468	119.167	42.30475	0	42.85021	85.15496	14.39254	6.07082	23.67622	129.2945	1031.533	0	387.7347	1419.267	0.822173	0	0.030859	0.853032	9.471239	9098.822
0	0.003098	0.000101	0.000129	0.003329	6.136531	0	0	6.136531	0.000176	0	0	0.000176	0.000962	0	0	0.000962	0.00378	0	0	0.00378	0	0	0	0.00378	0.004303	0	0	0.004303	0	0	0	0.004303	0.021039	0	0	0.021039	0.000526	0	0	0.000526	3.9E-05	0.545448
0.017656	0.175085	0.200899	1.958768	2.334753	24605.53	80.29905	253.2252	24939.05	1.682058	0.07107	0.446941	2.200069	1.353055	0.0018	0.260755	1.615611	10.66095	0.334496	2.724098	13.71955	2.424695	0.949939	5.722345	22.81652	13.17408	0.416649	2.913901	16.50463	2.424695	0.954031	5.746992	25.63035	211.0673	2.283505	41.56147	254.9123	0.238765	0.000779	0.002457	0.242002	1.091257	2581.3
0	0.706291	0.138874	0.902681	1.747845	6689.273	37.92544	0	6727.198	0.105453	0.001347	0	0.1068	1.048658	0.005945	0	1.054603	2.270337	0.029002	0	2.299338	0	0	0	2.299338	2.584627	0.033017	0	2.617644	0	0	0	2.617644	10.56646	0.240382	0	10.80684	0.580511	0.003287	0	0.583798	0.312466	597.9501

0.002086	0.019748	0.022745	0.258728	0.301221	3153.749	10.91816	33.72151	3198.389	0.18859	0.008374	0.056979	0.253943	0.154153	0.000207	0.031675	0.186035	1.209654	0.039559	0.352904	1.602117	0.275266	0.111355	0.656412	2.645151	1.483553	0.04924	0.377783	1.910576	0.275266	0.111835	0.659239	2.956916	24.3425	0.269689	4.88239	29.49458	0.030603	0.000106	0.000327	0.031036	0.12399	331.047
0	0.166126	0.031523	0.239051	0.4367	1664.785	14.15262	0	1678.938	0.024668	0.000331	0	0.024999	0.260983	0.002219	0	0.263202	0.531084	0.007121	0	0.538204	0	0	0	0.538204	0.604603	0.008107	0	0.61271	0	0	0	0.61271	2.502051	0.059021	0	2.561071	0.14365	0.001218	0	0.144868	0.070927	149.2331
0.012803	0.035231	0.013497	0.040492	0.089221	748.2105	0	81.60482	829.8153	1.43788	0	0.360546	1.798426	0.240479	0	0.017108	0.257588	11.32275	0	2.919675	14.24243	2.99294	3.599408	3.715444	24.55022	12.49667	0	3.15433	15.651	2.992941	3.614912	3.731447	25.9903	124.0517	0	9.997878	134.0496	0.00726	0	0.000792	0.008052	0.020615	85.88946
0.15024	0.911616	0.984371	1.062198	2.958185	64871.51	0	2327.823	67199.34	4.343801	0	5.291907	9.635708	5.681733	0	1.676729	7.358462	26.69939	0	31.52233	58.22171	8.148305	3.18376	12.41398	81.96776	31.94453	0	33.68609	65.63063	8.148307	3.197473	12.46745	89.44386	795.276	0	253.1272	1048.403	0.629495	0	0.022589	0.652084	6.347796	6955.421
0	0.060179	0.001813	0.002316	0.064308	124.801	0	0	124.801	0.003289	0	0	0.003289	0.019565	0	0	0.019565	0.070814	0	0	0.070814	0	0	0	0.070814	0.080617	0	0	0.080617	0	0	0	0.080617	0.391909	0	0	0.391909	0.010773	0	0	0.010773	0.000703	11.09299
9.6E-05	0.019448	0.024562	0.090498	0.134508	3965.614	0	1.387627	3967.001	0.311158	0	0.002775	0.313933	0.216444	0	0.000542	0.216986	2.192178	0	0.02045	2.212628	2.274554	1.07813	0.016869	5.58218	2.546065	0	0.022028	2.568093	2.274554	1.082774	0.016941	5.942362	71.99727	0	0.14779	72.14506	0.038481	0	1.35E-05	0.038495	0.075099	410.6017
0	0.054358	0.003654	0.010056	0.068068	240.2136	0	0	240.2136	0.001953	0	0	0.001953	0.037658	0	0	0.037658	0.042051	0	0	0.042051	0	0	0	0.042051	0.047873	0	0	0.047873	0	0	0	0.047873	0.155579	0	0	0.155579	0.020673	0	0	0.020673	0.006166	21.35149
0.010978	0.042784	0.042328	0.155914	0.241026	6787.839	49.15329	148.8638	6985.856	0.601244	0.015055	0.247431	0.863729	0.492295	0.000365	0.038238	0.530899	4.227242	0.093621	2.049911	6.370774	0.837436	0.430883	1.820325	9.459418	5.040878	0.112308	2.209545	7.36273	0.837436	0.432739	1.828166	10.46107	106.5114	1.179784	11.8133	119.5044	0.065867	0.000477	0.001445	0.067789	0.139938	723.0662
0	5.009406	0.131407	0.485395	5.626208	13009.84	527.9367	0	13537.77	0.338177	0.030613	0	0.36879	2.039514	0.082763	0	2.122277	7.280857	0.659093	0	7.93995	0	0	0	7.93995	8.288702	0.750327	0	9.039028	0	0	0	9.039028	18.96997	3.924413	0	22.89438	1.111295	0.045072	0	1.156367	0.295667	1203.311
0.000628	0.003504	0.008209	0.030292	0.042004	1277.971	4.822847	11.60147	1294.396	0.055722	0.001876	0.019255	0.076853	0.084372	3.77E-05	0.004974	0.089384	0.343384	0.010004	0.138615	0.492003	0.059431	0.027707	0.084689	0.66383	0.418265	0.012325	0.148946	0.579537	0.059431	0.027826	0.085054	0.751848	10.74702	0.067399	1.292876	12.1073	0.012401	4.68E-05	0.000113	0.01256	0.029688	133.9755
0	0.475466	0.008568	0.048326	0.53236	1011.782	33.09027	0	1044.873	0.037817	0.003246	0	0.041064	0.158614	0.005187	0	0.163802	0.814195	0.069891	0	0.884086	0	0	0	0.884086	0.926899	0.079566	0	1.006465	0	0	0	1.006465	2.256271	0.259553	0	2.515824	0.086734	0.002826	0	0.08956	0.019278	92.87398
0.00017	0.004128	0.001833	0.010442	0.016403	223.81	13.05236	1.754813	238.6172	0.064106	0.008484	0.00382	0.07641	0.030714	0.000239	0.000432	0.031386	0.472368	0.0532	0.029871	0.55544	0.052421	0.02683	0.044028	0.678718	0.55228	0.063995	0.032145	0.648421	0.052421	0.026945	0.044217	0.772005	11.44938	0.35554	0.39089	12.19581	0.002172	0.000127	1.7E-05	0.002315	0.006944	24.6979
0	0.306387	0.006096	0.023162	0.335645	635.1633	38.49724	0	673.6605	0.021819	0.002577	0	0.024396	0.099573	0.006035	0	0.105608	0.469751	0.055483	0	0.525234	0	0	0	0.525234	0.534776	0.063163	0	0.597939	0	0	0	0.597939	1.14872	0.310531	0	1.459251	0.054661	0.0033	0	0.057961	0.013715	59.87862
3.95E-06	0.000172	0.000618	0.005993	0.006783	100.8591	0	0.28734	101.1465	0.002408	0	0.000415	0.002823	0.003554	0	0.000182	0.003736	0.013499	0	0.00227	0.015769	0.001235	0.000368	0.001625	0.018996	0.016859	0	0.002424	0.019282	0.001235	0.00037	0.001632	0.022519	0.255311	0	0.043107	0.298418	0.000979	0	2.79E-06	0.000981	0.002598	10.4691
0	0.113458	0.027546	0.096648	0.237652	1628.575	0	0	1628.575	0.006845	0	0	0.006845	0.255307	0	0	0.255307	0.147378	0	0	0.147378	0	0	0	0.147378	0.167779	0	0	0.167779	0	0	0	0.167779	1.01185	0	0	1.01185	0.138825	0	0	0.138825	0.023878	144.7567
0	0	3.61E-06	1.66E-05	2.02E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.009516	0.015843	0.051702	0.077061	869.0972	0	0	869.0972	3.434269	0	0	3.434269	0.178574	0	0	0.178574	0.609911	0	0	0.609911	0	0	0	0.609911	4.14402	0	0	4.14402	0	0	0	4.14402	11.6297	0	0	11.6297	0	0	0	0	0.456261	101.25
0.00126	0.004639	0.009974	0.056802	0.071415	1266.101	0	17.05778	1283.159	0.20718	0	9.18E-06	0.207189	0.143186	0	0.001577	0.144763	1.527702	0	4.64E-05	1.527748	0.083848	0.050672	0.152105	1.814373	1.922389	0	5.08E-05	1.92244	0.083848	0.050672	0.152105	2.209065	48.8777	0	0.534188	49.41188	0.012348	0	0.000166	0.012514	0.019845	133.4851
0	25.68839	1.442232	4.218073	31.34869	70839.11	3018.428	0	73857.54	2.03281	0.247352	0	2.280162	11.10537	0.473196	0	11.57856	43.76585	5.32541	0	49.09126	0	0	0	49.09126	49.82408	6.062574	0	55.88666	0	0	0	55.88666	139.3658	21.46516	0	160.831	6.101707	0.260458	0	6.362165	1.097468	6564.937
0	0.001731	0.001031	0.006015	0.008777	84.91861	2.408612	0	87.32722	0.248217	0.006513	0	0.25473	0.017448	0.000495	0	0.017942	0.044063	0.001156	0	0.045219	0	0	0	0.045219	0.299485	0.007858	0	0.307343	0	0	0	0.307343	0.025226	0.025102	0	0.050328	0	0	0	0	0.016612	10.17316
0.711524	4.50029	4.187856	4.0438	12.73195	186154.7	0	7661.005	193815.7	15.88408	0	18.19518	34.07926	17.15254	0	4.559583	21.71213	83.39013	0	105.8546	189.2448	54.64867	23.60918	79.11509	346.6177	113.1236	0	115.809	228.9326	54.64867	23.60918	79.11509	386.3055	2601.041	0	1036.862	3637.903	1.815542	0	0.074717	1.890259	27.51564	20162.36
0	0.485212	0.01671	0.016644	0.518566	719.9765	0	0	719.9765	0.028417	0	0	0.028417	0.11287	0	0	0.11287	0.611811	0	0	0.611811	0	0	0	0.611811	0.696507	0	0	0.696507	0	0	0	0.696507	3.498626	0	0	3.498626	0.061569	0	0	0.061569	0.006475	63.99617
0	0	0.002511	0.00137	0.003881	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.138996	0.897599	0.559157	0.649695	2.106451	28867.72	0	1339.91	30207.63	3.861633	0	3.022771	6.884404	3.540753	0	0.701355	4.242108	24.2083	0	18.52002	42.72832	11.86648	5.54606	15.12666	75.26751	30.29213	0	20.24454	50.53667	11.86648	5.54606	15.12666	83.07587	648.6962	0	203.4547	852.1509	0.281543	0	0.013068	0.294611	3.851451	3142.455
0	0.036428	0.001268	0.001593	0.039289	71.4847	0	0	71.4847	0.002041	0	0	0.002041	0.011207	0	0	0.011207	0.043951	0	0	0.043951	0	0	0	0.043951	0.050035	0	0	0.050035	0	0	0	0.050035	0.269741	0	0	0.269741	0.006154	0	0	0.006154	0.000491	6.354023
0	0	0.00034	0.000186	0.000526	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.19087	1.30298	1.413309	1.575465	4.291754	85796.97	0	3255.371	89052.34	5.577924	0	6.635937	12.21386	8.159484	0	2.31455	10.47403	29.53645	0	38.40194	67.93839	14.26694	5.775818	21.30262	109.2838	40.0526	0	42.02687	82.07947	14.26694	5.775818	21.30262	123.4249	990.4462	0	381.6963	1372.143	0.836767	0	0.031749	0.868516	8.998372	9263.983
0	0.00247	8.33E-05	0.000107	0.00266	5.050497	0	0	5.050497	0.00014	0	0	0.00014	0.000792	0	0	0.000792	0.003024	0	0	0.003024	0	0	0	0.003024	0.003443	0	0	0.003443	0	0	0	0.003443	0.017093	0	0	0.017093	0.000434	0	0	0.000434	3.23E-05	0.448921
0.017015	0.161159	0.203096	1.980189	2.344445	24696.07	83.83328	261.3094	25041.21	1.554387	0.075521	0.464007	2.093915	1.272748	0.001889	0.300433	1.57507	8.65967	0.308259	2.728038	11.69597	2.493851	0.933799	5.502244	20.62586	12.35801	0.447585	2.983434	15.78903	2.493851	0.933799	5.502244	24.71893	192.6253	2.406531	41.88581	236.9177	0.240857	0.000818	0.002549	0.244224	1.107938	2605
0	0.954557	0.157905	1.026382	2.138844	7380.64	43.73159	0	7424.372	0.137637	0.001553	0	0.13919	1.157055	0.006856	0	1.16391	2.963237	0.033442	0	2.996679	0	0	0	2.996679	3.373448	0.038072	0	3.41152	0	0	0	3.41152	12.16882	0.277187	0	12.44601	0.640362	0.003788	0	0.64415	0.355286	659.9262
0.001849	0.016769	0.023652	0.269047	0.309468	3246.776	11.26096	34.05347	3292.09	0.153998	0.009003	0.056474	0.219475	0.134864	0.000224	0.037452	0.172541	0.869614	0.036216	0.333314	1.239144	0.255998	0.099377	0.571216	2.165735	1.219882	0.052533	0.364342	1.636757	0.255998	0.099377	0.571216	2.563348	19.68022	0.281917	4.680295	24.64243	0.031665	0.00011	0.000332	0.032107	0.130151	342.4713
0	0.192342	0.033009	0.250316	0.475667	1763.712	15.23825	0	1778.951	0.028428	0.000353	0	0.02878	0.276495	0.002389	0	0.278884	0.612034	0.007593	0	0.619627	0	0	0	0.619627	0.69676	0.008644	0	0.705404	0	0	0	0.705404	2.646254	0.062934	0	2.709188	0.152195	0.001311	0	0.153506	0.07427	158.1247
0.012567	0.032795	0.013932	0.041797	0.088524	769.1298	0	87.44255	856.5724	1.473589	0	0.38178	1.855369	0.247942	0	0.018432	0.266374	11.43166	0	3.070317	14.50197	3.21075	3.758037	3.874412	25.34517	12.86308	0	3.331861	16.19494	3.21075	3.758037	3.874412	27.03814	125.5316	0	10.73326	136.2648	0.007501	0	0.000853	0.008354	0.021406	89.10796
0.145217	0.852317	1.090671	1.177754	3.120742	71952.31	0	2589.369	74541.68	4.232061	0	5.503829	9.73589	5.632191	0	1.709546	7.341737	23.30773	0	31.85621	55.16395	8.491469	3.1894	11.7838	78.62862	31.20001	0	34.86225	66.06227	8.491469	3.1894	11.7838	89.52694	772.0742	0	260.4218	1032.496	0.701741	0	0.025254	0.726995	6.40036	7754.461
0	0.054748	0.001833	0.00228	0.058862	125.6155	0	0	125.6155	0.003031	0	0	0.003031	0.019693	0	0	0.019693	0.065262	0	0	0.065262	0	0	0	0.065262	0.074296	0	0	0.074296	0	0	0	0.074296	0.380604	0	0	0.380604	0.010834	0	0	0.010834	0.00071	11.16552
8.56E-05	0.016793	0.023719	0.087366	0.127878	3794.515	0	1.287688	3795.803	0.268838	0	0.002531	0.271369	0.189743	0	0.000554	0.190297	1.769062	0	0.018189	1.787251	2.14175	0.9639	0.015281	4.908182	2.215173	0	0.019786	2.234959	2.14175	0.9639	0.015281	5.35589	61.25545	0	0.139063	61.39451	0.037007	0	1.26E-05	0.03702	0.074521	394.8717
0	0.062894	0.004228	0.011631	0.078752	276.8192	0	0	276.8192	0.002032	0	0	0.002032	0.043397	0	0	0.043397	0.043741	0	0	0.043741	0	0	0	0.043741	0.049797	0	0	0.049797	0	0	0	0.049797	0.165485	0	0	0.165485	0.023818	0	0	0.023818	0.007134	24.60549
0.009883	0.036963	0.042285	0.155681	0.234928	6713.625	48.19531	140.4647	6902.285	0.52347	0.015318	0.232492	0.771281	0.448998	0.000371	0.039449	0.488818	3.329785	0.084009	1.893252	5.307046	0.768103	0.380083	1.624197	8.079428	4.410716	0.11326	2.058472	6.582448	0.768103	0.380083	1.624197	9.354831	91.42384	1.16951	11.70992	104.3033	0.065477	0.00047	0.00137	0.067317	0.143199	718.0345
0	5.191551	0.140349	0.518424	5.850324	13857.97	568.572	0	14426.54	0.350061	0.030204	0	0.380265	2.172498	0.089134	0	2.261632	7.536721	0.650277	0	8.186998	0	0	0	8.186998	8.579984	0.740291	0	9.320274	0	0	0	9.320274	19.89194	3.988424	0	23.88037	1.183748	0.048545	0	1.232294	0.315785	1282.324
0.00058	0.003122	0.008735	0.032233	0.04409	1349.084	5.193092	11.99533	1366.272	0.053204	0.002098	0.019326	0.074628	0.081206	4.45E-05	0.005845	0.087095	0.287421	0.009613	0.135109	0.432144	0.056959	0.025481	0.078081	0.592665	0.399314	0.013679	0.147267	0.560261	0.056959	0.025481	0.078081	0.720783	9.678392	0.073414	1.412884	11.16469	0.013157	5.06E-05	0.000117	0.013325	0.031867	142.1313
0	0.501767	0.009151	0.051613	0.562532	1078.219	35.32307	0	1113.542	0.040345	0.003411	0	0.043755	0.169031	0.005538	0	0.174569	0.868616	0.073427	0	0.942043	0	0	0	0.942043	0.988853	0.083592	0	1.072445	0	0	0	1.072445	2.43158	0.272935	0	2.704515	0.09243	0.003016	0	0.095447	0.02059	98.97882
0.000154	0.003671	0.001789	0.010191	0.015651	216.916	13.02201	1.727194	231.6652	0.061703	0.008588	0.003834	0.074125	0.029722	0.000231	0.000473	0.030426	0.424026	0.04828	0.029456	0.501761	0.049059	0.023524	0.040486	0.614831	0.537342	0.065633	0.032063	0.635038	0.049059	0.023524	0.040486	0.748108	10.92055	0.358653	0.395269	11.67447	0.002116	0.000127	1.68E-05	0.002259	0.007119	24.09979
0	0.316176	0.006511	0.024739	0.347425	676.7804	39.02563	0	715.806	0.022898	0.00239	0	0.025288	0.106098	0.006118	0	0.112216	0.492982	0.051453	0	0.544435	0	0	0	0.544435	0.561223	0.058575	0	0.619798	0	0	0	0.619798	1.210897	0.296786	0	1.507682	0.058244	0.003345	0	0.061589	0.014649	63.62547
3.68E-06	0.000159	0.000644	0.006263	0.007066	104.8345	0	0.283638	105.1182	0.001844	0	0.000428	0.002271	0.003081	0	0.0002	0.003281	0.00885	0	0.002199	0.011049	0.001049	0.000289	0.000996	0.013383	0.012914	0	0.002407	0.015321	0.001049	0.000289	0.000996	0.017655	0.196417	0	0.040065	0.236482	0.001022	0	2.77E-06	0.001025	0.002719	10.93529
0	0.098612	0.0249	0.087914	0.211426	1465.763	0	0	1465.763	0.006102	0	0	0.006102	0.229786	0	0	0.229786	0.13138	0	0	0.13138	0	0	0	0.13138	0.149567	0	0	0.149567	0	0	0	0.149567	0.909912	0	0	0.909912	0.124971	0	0	0.124971	0.021733	130.2865
0	0	2.05E-07	9.4E-07	1.14E-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.009674	0.016032	0.053412	0.079118	878.955	0	0	878.955	3.463575	0	0	3.463575	0.180591	0	0	0.180591	0.61549	0	0	0.61549	0	0	0	0.61549	4.179793	0	0	4.179793	0	0	0	4.179793	11.33958	0	0	11.33958	0	0	0	0	0.471765	102.3936
0.001115	0.003818	0.007024	0.039988	0.050831	897.404	0	14.59496	911.9989	0.165948	0	1.79E-05	0.165966	0.10609	0	0.001011	0.107102	1.242745	0	9.35E-05	1.242838	0.074135	0.044589	0.131651	1.493213	1.551143	0	0.000102	1.551245	0.074135	0.044589	0.131651	1.80162	40.08522	0	0.371837	40.45706	0.008771	0	0.000143	0.008913	0.013593	95.07293
0	26.29008	1.503738	4.396737	32.19056	73616.87	2916.564	0	76533.43	1.968352	0.210337	0	2.178689	11.54115	0.457239	0	11.99839	42.37809	4.528496	0	46.90658	0	0	0	46.90658	48.24423	5.155348	0	53.39958	0	0	0	53.39958	142.4166	19.75845	0	162.1751	6.341301	0.251909	0	6.593211	1.144284	6802.976
0	0.002826	0.001501	0.008758	0.013086	124.5293	3.440655	0	127.97	0.368492	0.009275	0	0.377767	0.025507	0.000705	0	0.026212	0.065414	0.001646	0	0.06706	0	0	0	0.06706	0.444602	0.01119	0	0.455792	0	0	0	0.455792	0.041804	0.035747	0	0.077551	0	0	0	0	0.02419	14.86179
0.600579	3.722671	4.133657	3.984249	11.84058	182829.3	0	7344.35	190173.6	13.91024	0	16.7173	30.62754	15.17889	0	4.271291	19.45018	72.80961	0	96.71485	169.5245	49.96959	21.44043	67.41372	308.3482	98.80502	0	105.8102	204.6153	49.96959	21.44043	67.41372	343.439	2334.072	0	938.9907	3273.062	1.786851	0	0.071779	1.85863	25.06087	19824.99
0	0.398223	0.01457	0.014487	0.42728	620.1757	0	0	620.1757	0.023451	0	0	0.023451	0.097227	0	0	0.097227	0.504885	0	0	0.504885	0	0	0	0.504885	0.574778	0	0	0.574778	0	0	0	0.574778	2.994252	0	0	2.994252	0.053073	0	0	0.053073	0.005646	55.12676
0	0	0.002113	0.001155	0.003268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.124805	0.798127	0.523161	0.614615	1.935903	26909.24	0	1258.372	28167.62	3.495029	0	2.850645	6.345674	3.232839	0	0.655554	3.888392	21.66725	0	17.43715	39.1044	11.41581	5.171633	14.04805	69.73989	27.28233	0	19.06315	46.34548	11.41581	5.171633	14.04805	76.98097	589.3029	0	189.7804	779.0833	0.262993	0	0.012298	0.275291	3.552965	2936.383
0	0.030963	0.001063	0.001357	0.033384	59.87366	0	0	59.87366	0.001742	0	0	0.001742	0.009387	0	0	0.009387	0.037495	0	0	0.037495	0	0	0	0.037495	0.042685	0	0	0.042685	0	0	0	0.042685	0.226987	0	0	0.226987	0.005152	0	0	0.005152	0.000412	5.322107
0	0	0.000306	0.000168	0.000473	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.165348	1.098306	1.431658	1.592268	4.122231	85713.95	0	3205.985	88919.93	4.979882	0	6.236109	11.21599	7.342799	0	2.187777	9.530576	26.24266	0	35.82901	62.07167	13.18835	5.285954	18.25391	98.79988	35.60573	0	39.21178	74.81751	13.18835	5.285954	18.25391	111.5457	903.5132	0	353.0861	1256.599	0.837711	0	0.031333	0.869044	8.381653	9269.614
0	0.002818	9.09E-05	0.000115	0.003025	5.504677	0	0	5.504677	0.000162	0	0	0.000162	0.000863	0	0	0.000863	0.003484	0	0	0.003484	0	0	0	0.003484	0.003966	0	0	0.003966	0	0	0	0.003966	0.018698	0	0	0.018698	0.000474	0	0	0.000474	3.52E-05	0.489305
0.015683	0.144373	0.203681	1.985889	2.333943	24663.06	85.52984	262.6382	25011.22	1.360428	0.078529	0.470247	1.909204	1.164858	0.00194	0.342021	1.508819	7.538729	0.317258	2.716208	10.5722	2.482096	0.911687	5.186699	19.15268	10.75372	0.46095	2.970765	14.18543	2.482096	0.911687	5.186699	22.76591	166.0715	2.473884	40.34586	208.8913	0.24104	0.000836	0.002567	0.244443	1.116186	2607.339
0	1.208406	0.179278	1.165308	2.552993	8175.428	49.925	0	8225.353	0.17256	0.001773	0	0.174333	1.281688	0.007827	0	1.289515	3.715112	0.03818	0	3.753292	0	0	0	3.753292	4.229408	0.043465	0	4.272873	0	0	0	4.272873	13.9374	0.316451	0	14.25385	0.70907	0.004322	0	0.713391	0.403376	731.1429
0.001501	0.013886	0.022735	0.258609	0.295229	3099.92	11.03199	32.45836	3143.41	0.121567	0.008984	0.053583	0.184135	0.119093	0.00022	0.040651	0.159965	0.663499	0.035717	0.304454	1.00367	0.232982	0.086193	0.504314	1.82716	0.944449	0.051959	0.33304	1.329448	0.232982	0.086193	0.504314	2.152937	14.93788	0.278311	4.418475	19.63467	0.030297	0.000108	0.000317	0.030722	0.126204	327.6903
0	0.266425	0.039913	0.302677	0.609015	2168.241	17.96013	0	2186.201	0.038056	0.000411	0	0.038466	0.339922	0.002816	0	0.342738	0.819313	0.008844	0	0.828157	0	0	0	0.828157	0.932733	0.010068	0	0.942801	0	0	0	0.942801	3.116838	0.073304	0	3.190142	0.187114	0.001545	0	0.188659	0.089805	194.3291
0.011567	0.029055	0.015324	0.045973	0.090353	844.9737	0	94.03516	939.0089	1.6061	0	0.402356	2.008456	0.27284	0	0.019913	0.292753	12.42666	0	3.224913	15.65157	3.455519	4.039599	4.150785	27.29747	13.98362	0	3.499808	17.48343	3.455519	4.039599	4.150785	29.12933	134.1635	0	11.49304	145.6566	0.008258	0	0.000919	0.009177	0.023753	97.88863
0.133238	0.768425	1.187162	1.282022	3.237609	78322.38	0	2780.229	81102.61	4.010444	0	5.524794	9.535238	5.528915	0	1.726539	7.255454	21.67596	0	31.80787	53.48384	8.455434	3.147688	10.84824	75.9352	29.1779	0	34.81109	63.989	8.455434	3.147688	10.84824	86.44036	732.4125	0	256.7725	989.185	0.76547	0	0.027172	0.792642	6.376497	8454.684
0	0.044063	0.001363	0.001748	0.047174	94.02126	0	0	94.02126	0.00242	0	0	0.00242	0.01474	0	0	0.01474	0.052101	0	0	0.052101	0	0	0	0.052101	0.059314	0	0	0.059314	0	0	0	0.059314	0.292626	0	0	0.292626	0.008106	0	0	0.008106	0.000528	8.35745
7.44E-05	0.014327	0.023003	0.084689	0.122019	3655.809	0	1.178753	3656.988	0.228721	0	0.002286	0.231006	0.164495	0	0.000564	0.16506	1.500155	0	0.016164	1.516319	1.942089	0.855923	0.013724	4.328055	1.877628	0	0.017585	1.895212	1.942089	0.855923	0.013724	4.706949	51.08331	0	0.127117	51.21043	0.035729	0	1.15E-05	0.035741	0.074462	381.2292
0	0.072621	0.004807	0.013212	0.09064	313.5958	0	0	313.5958	0.002132	0	0	0.002132	0.049163	0	0	0.049163	0.045899	0	0	0.045899	0	0	0	0.045899	0.052253	0	0	0.052253	0	0	0	0.052253	0.177685	0	0	0.177685	0.026959	0	0	0.026959	0.008112	27.8752
0.008962	0.032622	0.03842	0.141387	0.212429	6077.579	45.15266	130.4475	6253.179	0.469445	0.014319	0.218839	0.702603	0.414332	0.000335	0.037774	0.452441	2.962955	0.0788	1.781366	4.823121	0.720112	0.348521	1.508387	7.400141	3.932554	0.106595	1.937051	5.9762	0.720112	0.348521	1.508387	8.553221	80.43952	1.099918	11.49629	93.03572	0.059398	0.000441	0.001275	0.061114	0.131167	651.8736
0	5.21924	0.146391	0.540738	5.906369	14408.19	617.5754	0	15025.77	0.349489	0.029392	0	0.378881	2.258819	0.096819	0	2.355638	7.524394	0.632805	0	8.157199	0	0	0	8.157199	8.56595	0.7204	0	9.28635	0	0	0	9.28635	20.20986	4.03964	0	24.2495	1.230791	0.052745	0	1.283536	0.32938	1335.625
0.000498	0.002694	0.009585	0.035363	0.047642	1473.471	5.55487	12.21355	1491.239	0.050001	0.002343	0.019383	0.071727	0.078095	5.13E-05	0.006878	0.085024	0.263932	0.010366	0.132269	0.406567	0.051173	0.022286	0.067923	0.547948	0.368276	0.014833	0.144227	0.527335	0.051173	0.022286	0.067923	0.668717	8.618999	0.079374	1.519217	10.21759	0.014401	5.43E-05	0.000119	0.014574	0.035299	155.4568
0	0.495694	0.009543	0.053827	0.559064	1120.401	31.54907	0	1151.95	0.041177	0.002591	0	0.043768	0.175649	0.004946	0	0.180595	0.886536	0.055774	0	0.94231	0	0	0	0.94231	1.009253	0.063495	0	1.072748	0	0	0	1.072748	2.467152	0.230106	0	2.697258	0.096051	0.002694	0	0.098745	0.021472	102.3956
0.000135	0.00322	0.001697	0.009672	0.014589	205.1103	12.38291	1.619163	219.1124	0.057512	0.008279	0.003668	0.069459	0.027609	0.000217	0.000487	0.028313	0.396125	0.046013	0.028112	0.47025	0.045481	0.020834	0.036847	0.573412	0.501116	0.063049	0.030601	0.594765	0.045481	0.020834	0.036847	0.697927	10.10987	0.343751	0.374001	10.82763	0.002005	0.000121	1.58E-05	0.002141	0.007009	22.84176
0	0.318349	0.00679	0.0258	0.350939	703.8667	39.55244	0	743.4192	0.023323	0.002201	0	0.025524	0.110347	0.006201	0	0.116548	0.502135	0.04738	0	0.549514	0	0	0	0.549514	0.571642	0.053938	0	0.62558	0	0	0	0.62558	1.242209	0.282931	0	1.525141	0.060576	0.003392	0	0.063968	0.015277	66.08174
3.22E-06	0.000138	0.000657	0.006347	0.007143	109.2083	0	0.294238	109.5025	0.00174	0	0.000432	0.002172	0.002924	0	0.000224	0.003148	0.00849	0	0.002213	0.010702	0.001003	0.000282	0.000889	0.012877	0.012388	0	0.002423	0.014811	0.001003	0.000282	0.000889	0.016985	0.18457	0	0.039549	0.224119	0.001067	0	2.88E-06	0.00107	0.002738	11.41528
0	0.085105	0.023061	0.08286	0.191027	1349.72	0	0	1349.72	0.005432	0	0	0.005432	0.2116	0	0	0.2116	0.116943	0	0	0.116943	0	0	0	0.116943	0.13313	0	0	0.13313	0	0	0	0.13313	0.821833	0	0	0.821833	0.115438	0	0	0.115438	0.020485	119.9752
0	0	9.68E-08	4.44E-07	5.4E-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.011669	0.019809	0.065472	0.09695	1090.032	0	0	1090.032	4.446828	0	0	4.446828	0.223268	0	0	0.223268	0.790179	0	0	0.790179	0	0	0	0.790179	5.366325	0	0	5.366325	0	0	0	5.366325	13.50714	0	0	13.50714	0	0	0	0	0.57825	126.5909
0.001059	0.003405	0.006685	0.038047	0.048137	854.9104	0	14.01359	868.924	0.147731	0	1.65E-05	0.147747	0.09463	0	0.000898	0.095528	1.101042	0	8.66E-05	1.101129	0.070443	0.042069	0.123278	1.336919	1.374708	0	9.48E-05	1.374802	0.070443	0.042069	0.123278	1.610593	36.58799	0	0.363327	36.95132	0.008318	0	0.000136	0.008454	0.013066	90.17748
0	26.60646	1.508306	4.408395	32.52317	73656.7	3196.741	0	76853.44	1.948454	0.2194	0	2.167855	11.55225	0.501374	0	12.05363	41.94969	4.723631	0	46.67332	0	0	0	46.67332	47.75653	5.377495	0	53.13402	0	0	0	53.13402	144.5227	21.10492	0	165.6276	6.34756	0.276264	0	6.623824	1.158697	6834.294
0	0.003987	0.002102	0.012262	0.018351	173.0048	5.365912	0	178.3707	0.516495	0.014514	0	0.531009	0.035448	0.001099	0	0.036547	0.090957	0.002473	0	0.093431	0	0	0	0.093431	0.622343	0.017394	0	0.639737	0	0	0	0.639737	0.07787	0.055767	0	0.133637	0	0	0	0	0.033866	20.72193
0.53414	3.167564	4.066467	3.916372	11.1504	180567.9	0	7291.362	187859.2	12.36943	0	15.80006	28.16949	13.52385	0	4.085712	17.60956	64.79076	0	91.26786	156.0586	48.00485	20.32693	60.4055	284.7959	87.96586	0	99.85111	187.817	48.00485	20.32693	60.4055	316.5542	2114.183	0	878.249	2992.432	1.756858	0	0.070942	1.827801	22.91154	19496.15
0	0.337731	0.013207	0.013109	0.364047	554.7271	0	0	554.7271	0.020001	0	0	0.020001	0.087003	0	0	0.087003	0.430614	0	0	0.430614	0	0	0	0.430614	0.490226	0	0	0.490226	0	0	0	0.490226	2.647281	0	0	2.647281	0.047517	0	0	0.047517	0.005118	49.32984
0	0	0.002139	0.00117	0.003309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.114686	0.711995	0.489917	0.579908	1.78182	25280.97	0	1213.716	26494.68	3.163864	0	2.72521	5.889075	2.935148	0	0.621721	3.556869	19.48512	0	16.68771	36.17283	11.39441	4.970932	13.39738	65.93555	24.65489	0	18.24549	42.90037	11.39441	4.970932	13.39738	72.6631	534.746	0	179.998	714.744	0.245974	0	0.011809	0.257783	3.252666	2749.635
0	0.027653	0.000969	0.001239	0.029861	54.96163	0	0	54.96163	0.001566	0	0	0.001566	0.00862	0	0	0.00862	0.033716	0	0	0.033716	0	0	0	0.033716	0.038383	0	0	0.038383	0	0	0	0.038383	0.205392	0	0	0.205392	0.004728	0	0	0.004728	0.000376	4.887535
0	0	0.000298	0.000164	0.000462	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.148644	0.945551	1.397845	1.559413	3.902809	83363.58	0	3179.959	86543.53	4.470793	0	5.955166	10.42596	6.60603	0	2.089365	8.695396	23.53447	0	34.14726	57.68173	12.65658	5.003034	16.3346	91.67594	31.95984	0	37.37183	69.33168	12.65658	5.003034	16.3346	103.3259	823.5217	0	332.9934	1156.515	0.811097	0	0.03094	0.842037	7.708719	8981.543
0	0.002537	8.54E-05	0.000107	0.002729	5.12421	0	0	5.12421	0.000146	0	0	0.000146	0.000804	0	0	0.000804	0.003149	0	0	0.003149	0	0	0	0.003149	0.003585	0	0	0.003585	0	0	0	0.003585	0.017246	0	0	0.017246	0.000442	0	0	0.000442	3.31E-05	0.455677
0.014493	0.127612	0.208994	2.037687	2.374292	25342.74	89.49816	271.2513	25703.49	1.181015	0.083351	0.476375	1.74074	1.05943	0.002042	0.395111	1.456583	6.499328	0.332508	2.710887	9.542723	2.469781	0.88789	4.932001	17.8324	9.270143	0.483414	2.965216	12.71877	2.469781	0.88789	4.932001	21.00845	142.217	2.590129	39.49365	184.3007	0.246575	0.000871	0.002639	0.250085	1.150694	2667.525
0	1.387611	0.19086	1.240592	2.819063	8555.316	54.96179	0	8610.277	0.197655	0.001953	0	0.199608	1.341808	0.00862	0	1.350429	4.255391	0.042049	0	4.29744	0	0	0	4.29744	4.84448	0.04787	0	4.89235	0	0	0	4.89235	15.03562	0.348524	0	15.38415	0.742205	0.004758	0	0.746963	0.429436	765.6803
0.001336	0.012234	0.023506	0.267378	0.303117	3210.589	11.7338	33.95019	3256.273	0.1053	0.009662	0.054122	0.169083	0.111046	0.000235	0.047291	0.158571	0.559346	0.037978	0.300126	0.89745	0.233955	0.08245	0.486905	1.700759	0.805881	0.055342	0.328461	1.189685	0.233955	0.08245	0.486905	1.992994	12.5056	0.295996	4.458069	17.25966	0.031238	0.000114	0.00033	0.031682	0.131115	337.9381
0	0.342629	0.046562	0.353095	0.742285	2555.567	21.3009	0	2576.868	0.047758	0.000484	0	0.048242	0.400813	0.003341	0	0.404154	1.028205	0.010421	0	1.038627	0	0	0	1.038627	1.170543	0.011864	0	1.182407	0	0	0	1.182407	3.596076	0.086377	0	3.682452	0.220604	0.001833	0	0.222437	0.104764	229.1514
0.011141	0.026706	0.016893	0.050678	0.094277	936.5272	0	104.9518	1041.479	1.758696	0	0.438523	2.197219	0.30068	0	0.022163	0.322843	13.59023	0	3.508462	17.09869	3.843161	4.479106	4.591771	30.01273	15.29242	0	3.807663	19.10008	3.843161	4.479106	4.591771	32.01412	144.7383	0	12.68736	157.4257	0.009112	0	0.001021	0.010133	0.026353	108.0854
0.122696	0.683994	1.242215	1.345754	3.271963	82326.66	0	2957.298	85283.96	3.691357	0	5.431838	9.123196	5.177907	0	1.704278	6.882185	19.77361	0	31.25289	51.02651	8.433366	3.108989	10.04836	72.61722	26.7174	0	34.2048	60.9222	8.433366	3.108989	10.04836	82.51291	675.5283	0	248.9825	924.5109	0.801008	0	0.028773	0.829781	6.163003	8850.824
0	0.037134	0.001169	0.001503	0.039806	80.5883	0	0	80.5883	0.002047	0	0	0.002047	0.012639	0	0	0.012639	0.04407	0	0	0.04407	0	0	0	0.04407	0.05017	0	0	0.05017	0	0	0	0.05017	0.250191	0	0	0.250191	0.006946	0	0	0.006946	0.000453	7.166421
6.53E-05	0.012107	0.021828	0.080332	0.114267	3472.437	0	1.096247	3473.533	0.19292	0	0.002077	0.194997	0.141442	0	0.00057	0.142012	1.259066	0	0.014454	1.273519	1.772486	0.768465	0.012423	3.826893	1.577493	0	0.015726	1.593219	1.772486	0.768465	0.012423	4.146592	42.28307	0	0.117767	42.40084	0.033786	0	1.07E-05	0.033796	0.072195	360.4855
0	0.082182	0.00536	0.014719	0.102261	348.4842	0	0	348.4842	0.002222	0	0	0.002222	0.054656	0	0	0.054656	0.047849	0	0	0.047849	0	0	0	0.047849	0.054473	0	0	0.054473	0	0	0	0.054473	0.189216	0	0	0.189216	0.029951	0	0	0.029951	0.009044	30.98942
0.008184	0.02858	0.036562	0.134495	0.199636	5793.583	44.12533	124.5965	5962.305	0.414091	0.014146	0.207656	0.635892	0.373713	0.000329	0.038201	0.412243	2.59833	0.076664	1.68485	4.359845	0.677879	0.322014	1.409275	6.769013	3.45547	0.10427	1.83236	5.392099	0.677879	0.322014	1.409275	7.801267	70.02071	1.073961	11.38263	82.4773	0.056369	0.000429	0.001212	0.058011	0.126323	618.7718
0	5.167864	0.146902	0.542626	5.857391	14429.04	674.4935	0	15103.53	0.342709	0.029889	0	0.372597	2.263038	0.105787	0	2.368825	7.378428	0.643491	0	8.02192	0	0	0	8.02192	8.399779	0.732566	0	9.132345	0	0	0	9.132345	20.10475	4.204573	0	24.30932	1.233086	0.057641	0	1.290727	0.331868	1343.101
0.000458	0.002397	0.011298	0.041681	0.055376	1739.768	6.568172	13.66381	1760	0.048023	0.00289	0.020544	0.071457	0.075349	6.69E-05	0.00893	0.084346	0.249842	0.012266	0.135837	0.397945	0.0503	0.021224	0.064823	0.534292	0.349954	0.017634	0.148176	0.515764	0.0503	0.021224	0.064823	0.652111	7.886201	0.094136	1.712269	9.692606	0.016927	6.39E-05	0.000133	0.017124	0.041826	182.6539
0	0.484939	0.009577	0.054014	0.548529	1121.803	35.64241	0	1157.445	0.040364	0.002703	0	0.043067	0.175943	0.00559	0	0.181533	0.869027	0.058184	0	0.927211	0	0	0	0.927211	0.989321	0.066238	0	1.055559	0	0	0	1.055559	2.429249	0.252034	0	2.681283	0.09621	0.003045	0	0.099256	0.02156	102.9273
0.000125	0.002935	0.001687	0.009612	0.014235	204.3882	12.64111	1.620639	218.6499	0.056513	0.008494	0.003802	0.068809	0.026873	0.000219	0.000536	0.027628	0.390935	0.04664	0.029043	0.466618	0.044823	0.019536	0.036243	0.56722	0.493886	0.064412	0.031616	0.589914	0.044823	0.019536	0.036243	0.690516	9.88044	0.350644	0.371287	10.60237	0.001989	0.000123	1.58E-05	0.002127	0.007192	22.69163
0	0.348983	0.006813	0.025889	0.381685	707.5366	40.9556	0	748.4922	0.025629	0.002448	0	0.028077	0.110969	0.006423	0	0.117393	0.551784	0.052701	0	0.604486	0	0	0	0.604486	0.628165	0.059996	0	0.688161	0	0	0	0.688161	1.361457	0.308714	0	1.670171	0.060917	0.003526	0	0.064442	0.015366	66.56066
3E-06	0.000116	0.000689	0.006915	0.00772	107.3465	0	0.32069	107.6672	0.002142	0	0.000462	0.002604	0.003307	0	0.000261	0.003567	0.010786	0	0.002376	0.013162	0.001219	0.000357	0.001105	0.015844	0.015739	0	0.002601	0.01834	0.001219	0.000357	0.001105	0.021022	0.25341	0	0.043851	0.29726	0.001044	0	3.12E-06	0.001048	0.003092	11.17377
0	0.079868	0.021711	0.081634	0.183212	1279.729	0	0	1279.729	0.005369	0	0	0.005369	0.200712	0	0	0.200712	0.115594	0	0	0.115594	0	0	0	0.115594	0.131596	0	0	0.131596	0	0	0	0.131596	0.783374	0	0	0.783374	0.109577	0	0	0.109577	0.020326	113.8016
0	0	1.01E-07	4.63E-07	5.64E-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.012355	0.021851	0.072188	0.106394	1192.843	0	0	1192.843	5.145081	0	0	5.145081	0.244407	0	0	0.244407	0.914214	0	0	0.914214	0	0	0	0.914214	6.208916	0	0	6.208916	0	0	0	6.208916	13.1938	0	0	13.1938	0	0	0	0	0.637359	138.5766
0.000944	0.002918	0.006368	0.036278	0.045564	814.1308	0	12.75914	826.8899	0.128403	0	1.92E-05	0.128422	0.083214	0	0.00075	0.083964	0.952481	0	0.000101	0.952582	0.062714	0.037262	0.108891	1.161449	1.190306	0	0.00011	1.190417	0.062714	0.037262	0.108891	1.399284	32.51433	0	0.354574	32.86891	0.007881	0	0.000124	0.008004	0.012635	85.37525
0	26.0398	1.559358	4.556389	32.15555	76092.99	3235.109	0	79328.1	1.963859	0.211459	0	2.175318	11.93358	0.507359	0	12.44093	42.28135	4.552645	0	46.83399	0	0	0	46.83399	48.13409	5.18284	0	53.31693	0	0	0	53.31693	146.8804	20.56648	0	167.4468	0.717255	0.030494	0	0.747749	1.245146	7053.893
0	0.004036	0.002625	0.015242	0.021904	195.994	6.662957	0	202.657	0.579029	0.018228	0	0.597257	0.039904	0.001357	0	0.041261	0.0917	0.002558	0	0.094258	0	0	0	0.094258	0.685992	0.021221	0	0.707212	0	0	0	0.707212	0.357824	0.068278	0	0.426102	0	0	0	0	0.042641	23.39447
0.466081	2.676823	4.024252	3.873958	10.57503	179133.2	0	7171.297	186304.5	10.92602	0	14.73944	25.66546	12.01481	0	3.886349	15.90116	57.07872	0	84.75228	141.831	45.2483	18.85798	53.16043	259.0977	77.61108	0	92.72454	170.3356	45.2483	18.85798	53.16043	287.6023	1900.22	0	808.9168	2709.136	1.733965	0	0.069416	1.803381	21.03624	19235.68
0	0.277302	0.012152	0.012052	0.301505	503.4225	0	0	503.4225	0.017238	0	0	0.017238	0.078951	0	0	0.078951	0.371125	0	0	0.371125	0	0	0	0.371125	0.422501	0	0	0.422501	0	0	0	0.422501	2.370272	0	0	2.370272	0.004748	0	0	0.004748	0.004709	44.76457
0	0	0.002347	0.001284	0.003632	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

0.102521	0.62321	0.45958	0.545878	1.628669	23787.64	0	1149.113	24936.75	2.820894	0	2.537956	5.35885	2.618552	0	0.578293	3.196845	17.26489	0	15.52498	32.78987	10.97295	4.62892	12.34034	60.73208	21.93894	0	16.97559	38.91454	10.97295	4.62892	12.34034	66.85674	477.0661	0	165.6787	642.7447	0.230258	0	0.011123	0.241382	2.951546	2574.685
0	0.023483	0.000888	0.00113	0.025501	50.88384	0	0	50.88384	0.001394	0	0	0.001394	0.00798	0	0	0.00798	0.030009	0	0	0.030009	0	0	0	0.030009	0.034164	0	0	0.034164	0	0	0	0.034164	0.184951	0	0	0.184951	0.00048	0	0	0.00048	0.000344	4.524616
0	0	0.000249	0.000137	0.000386	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.132833	0.818886	1.395519	1.559483	3.773889	82922.98	0	3171.768	86094.75	4.027842	0	5.658777	9.686619	5.965592	0	1.9941	7.959692	21.1439	0	32.30419	53.44809	12.12933	4.729617	14.56059	84.86762	28.7515	0	35.35536	64.10685	12.12933	4.729617	14.56059	95.52638	751.8693	0	311.7414	1063.611	0.802674	0	0.030702	0.833376	7.186272	8889.164
0	0.002395	8.64E-05	0.000107	0.002588	5.12796	0	0	5.12796	0.000147	0	0	0.000147	0.000804	0	0	0.000804	0.003155	0	0	0.003155	0	0	0	0.003155	0.003591	0	0	0.003591	0	0	0	0.003591	0.01727	0	0	0.01727	4.84E-05	0	0	4.84E-05	3.35E-05	0.455981
0.013163	0.11237	0.203879	1.987817	2.304066	24805.29	90.35207	270.7764	25166.42	1.022645	0.084653	0.471035	1.578334	0.957987	0.002052	0.423923	1.383962	5.594257	0.3355	2.649427	8.579184	2.387681	0.845815	4.584701	16.39738	7.982186	0.488036	2.898277	11.3685	2.387681	0.845815	4.584701	19.18669	121.9032	2.611566	37.69415	162.2089	0.240109	0.000875	0.002621	0.243605	1.126197	2598.398
0	1.32688	0.191105	1.242184	2.760169	8640.434	57.49935	0	8697.933	0.202732	0.002043	0	0.204775	1.355069	0.009018	0	1.364087	4.364707	0.043987	0	4.408694	0	0	0	4.408694	4.968928	0.050077	0	5.019005	0	0	0	5.019005	15.03645	0.364591	0	15.40104	0.081498	0.000542	0	0.08204	0.44507	773.4245
0.001078	0.009571	0.021723	0.247094	0.278387	2977.633	11.15078	31.73622	3020.52	0.074446	0.009306	0.04949	0.133241	0.08999	0.000224	0.048578	0.138792	0.386501	0.036173	0.267784	0.690457	0.200492	0.070631	0.397764	1.359344	0.555407	0.052719	0.29307	0.901196	0.200492	0.070631	0.397764	1.570083	8.47514	0.281451	3.818108	12.5747	0.028823	0.000108	0.000307	0.029238	0.121405	311.8645
0	0.336526	0.048202	0.365534	0.750262	2686.161	23.04323	0	2709.205	0.050201	0.000521	0	0.050722	0.421268	0.003614	0	0.424881	1.080797	0.011225	0	1.092023	0	0	0	1.092023	1.230416	0.012779	0	1.243195	0	0	0	1.243195	3.65964	0.09304	0	3.75268	0.025336	0.000217	0	0.025554	0.113432	240.9038
0.010449	0.024182	0.017739	0.053216	0.095137	989.1951	0	112.3684	1101.563	1.838539	0	0.459968	2.298507	0.315607	0	0.02364	0.339247	14.19812	0	3.674057	17.87218	4.079804	4.762876	4.868634	31.5835	15.97621	0	3.9875	19.96371	4.079804	4.762876	4.868634	33.67502	149.8167	0	13.45089	163.2676	0.009575	0	0.001088	0.010663	0.030096	113.7349
0.111309	0.606077	1.260276	1.373947	3.2403	83993.47	0	3042.506	87035.98	3.386998	0	5.292248	8.679245	4.827581	0	1.673897	6.501478	17.96386	0	30.36629	48.33015	8.307977	3.039974	9.209752	68.88785	24.37433	0	33.23557	57.6099	8.307977	3.039974	9.209752	78.1676	621.7285	0	238.2981	860.0266	0.813036	0	0.029451	0.842487	5.884442	8986.345
0	0.030361	0.001046	0.001337	0.032743	71.95807	0	0	71.95807	0.001756	0	0	0.001756	0.011285	0	0	0.011285	0.03781	0	0	0.03781	0	0	0	0.03781	0.043044	0	0	0.043044	0	0	0	0.043044	0.219537	0	0	0.219537	0.000679	0	0	0.000679	0.000405	6.398547
5.66E-05	0.010278	0.020706	0.076176	0.10716	3300.436	0	1.013148	3301.449	0.163255	0	0.001872	0.165127	0.122615	0	0.000566	0.123181	1.058563	0	0.012798	1.071361	1.614996	0.685573	0.011206	3.383135	1.328551	0	0.013927	1.342477	1.614996	0.685573	0.011206	3.654251	35.10745	0	0.108821	35.21628	0.031947	0	9.81E-06	0.031957	0.069717	340.8701
0	0.081861	0.005784	0.01588	0.103525	376.0182	0	0	376.0182	0.002272	0	0	0.002272	0.058971	0	0	0.058971	0.048909	0	0	0.048909	0	0	0	0.048909	0.05568	0	0	0.05568	0	0	0	0.05568	0.194542	0	0	0.194542	0.003547	0	0	0.003547	0.010179	33.43573
0.007249	0.024768	0.036954	0.135922	0.197644	5867.434	43.86303	119.2579	6030.555	0.372415	0.014376	0.197378	0.584169	0.354435	0.000327	0.039286	0.394047	2.305277	0.075985	1.583297	3.964559	0.616417	0.287532	1.268767	6.137275	3.074436	0.104228	1.722315	4.900979	0.616417	0.287532	1.268767	7.073695	61.83525	1.069744	11.49212	74.39711	0.056795	0.000425	0.001154	0.058374	0.129735	622.6465
0	4.965383	0.151917	0.561151	5.678451	14915.33	704.1444	0	15619.47	0.343032	0.028749	0	0.371781	2.339154	0.11043	0	2.449584	7.385386	0.618965	0	8.004351	0	0	0	8.004351	8.407699	0.704645	0	9.112344	0	0	0	9.112344	20.31852	4.138477	0	24.45699	0.140592	0.006637	0	0.14723	0.354302	1388.891
0.000405	0.002076	0.011579	0.042726	0.056381	1792.144	6.841443	13.83527	1812.82	0.04447	0.003052	0.020343	0.067865	0.069691	7.19E-05	0.009705	0.079468	0.229279	0.012744	0.131902	0.373926	0.046789	0.01947	0.05861	0.498796	0.322195	0.018366	0.143925	0.484486	0.046789	0.01947	0.05861	0.609356	6.972401	0.097924	1.74898	8.819305	0.017348	6.62E-05	0.000134	0.017548	0.042991	187.1712
0	0.481341	0.009904	0.05586	0.547105	1159.803	36.49343	0	1196.296	0.041883	0.002679	0	0.044562	0.181891	0.005723	0	0.187614	0.901721	0.057679	0	0.9594	0	0	0	0.9594	1.026541	0.065663	0	1.092204	0	0	0	1.092204	2.531155	0.251921	0	2.783076	0.010932	0.000344	0	0.011276	0.022747	106.3752
0	1.35E-08	3.03E-07	1.11E-06	1.42E-06	0.022921	0.001044	0	0.023966	1.2E-05	4.12E-06	0	1.61E-05	4.67E-06	2.13E-07	0	4.88E-06	1.71E-07	5.88E-08	0	2.3E-07	0	0	0	2.3E-07	1.22E-05	4.2E-06	0	1.64E-05	0	0	0	1.64E-05	6.74E-05	4.19E-06	0	7.16E-05	0	0	0	0	2.68E-05	0.002767
0.000111	0.002595	0.001611	0.009178	0.013383	195.7136	12.31595	1.551186	209.5807	0.052752	0.008325	0.003653	0.06473	0.025023	0.000213	0.000547	0.025783	0.365328	0.045228	0.027818	0.438375	0.042259	0.017719	0.033818	0.53217	0.461426	0.06283	0.030283	0.554539	0.042259	0.017719	0.033818	0.648335	9.121512	0.341429	0.352142	9.815083	0.001894	0.000119	1.5E-05	0.002029	0.007035	21.63892
0	0.326155	0.007036	0.026734	0.359925	727.8317	43.0626	0	770.8943	0.025438	0.002319	0	0.027757	0.114145	0.006753	0	0.120898	0.547673	0.049923	0	0.597596	0	0	0	0.597596	0.623484	0.056833	0	0.680318	0	0	0	0.680318	1.357859	0.303783	0	1.661641	0.006861	0.000406	0	0.007266	0.016068	68.5483
0	4.37E-06	1.05E-05	4.04E-05	5.52E-05	1.508052	0.254825	0	1.762877	0.004327	0.001004	0	0.005331	0.000307	5.19E-05	0	0.000359	6.18E-05	1.43E-05	0	7.62E-05	0	0	0	7.62E-05	0.004416	0.001025	0	0.005441	0	0	0	0.005441	0.015625	0.001022	0	0.016647	0	0	0	0	0.000924	0.203504
2.38E-06	8.01E-05	0.000789	0.008024	0.008893	123.0953	0	0.332553	123.4278	0.001266	0	0.000457	0.001723	0.002407	0	0.000309	0.002715	0.006014	0	0.002268	0.008281	0.00105	0.000296	0.000811	0.010439	0.008775	0	0.002483	0.011258	0.00105	0.000296	0.000811	0.013416	0.130803	0	0.040516	0.171319	0.001192	0	3.22E-06	0.001195	0.00363	12.74375
0	0.075737	0.021188	0.079167	0.176092	1238.477	0	0	1238.477	0.005138	0	0	0.005138	0.194229	0	0	0.194229	0.110613	0	0	0.110613	0	0	0	0.110613	0.125924	0	0	0.125924	0	0	0	0.125924	0.752429	0	0	0.752429	0.011681	0	0	0.011681	0.019716	110.126
0	0	1.03E-07	4.73E-07	5.77E-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.012843	0.023352	0.076985	0.11318	1276.737	0	0	1276.737	5.67346	0	0	5.67346	0.259942	0	0	0.259942	1.008151	0	0	1.008151	0	0	0	1.008151	6.846597	0	0	6.846597	0	0	0	6.846597	12.95875	0	0	12.95875	0	0	0	0	0.679749	147.3849
0.00087	0.002622	0.006106	0.034708	0.043436	772.0467	0	11.90323	783.9499	0.114159	0	1.38E-05	0.114173	0.076734	0	0.000703	0.077437	0.84331	0	7.26E-05	0.843382	0.047653	0.034492	0.103589	1.029117	1.055219	0	7.95E-05	1.055299	0.047653	0.034492	0.103589	1.241034	29.89783	0	0.35674	30.25457	0.007527	0	0.000116	0.007643	0.012232	81.52195
0	23.57942	1.434996	4.191505	29.20592	69998.2	1545.952	0	71544.16	1.779507	0.114848	0	1.894355	10.9765	0.242423	0	11.21892	38.3123	2.472643	0	40.78494	0	0	0	40.78494	43.61563	2.814916	0	46.43055	0	0	0	46.43055	134.961	6.580523	0	141.5415	0.659731	0.014571	0	0.674302	1.16937	6361.024
0	0.003683	0.003268	0.018143	0.025094	212.9319	9.337364	0	222.2693	0.604933	0.027022	0	0.631955	0.043422	0.001904	0	0.045327	0.083519	0.002716	0	0.086235	0	0	0	0.086235	0.702686	0.030232	0	0.732919	0	0	0	0.732919	0.741087	0.089739	0	0.830826	0	0	0	0	0.056971	25.69973
0.405084	2.238189	3.859015	3.716657	9.813861	170268.7	0	6864.129	177132.9	9.483636	0	13.61224	23.09588	10.49743	0	3.655887	14.15332	49.43581	0	77.99919	127.435	40.35755	17.33859	46.62521	231.7564	67.33325	0	85.33827	152.6715	40.35755	17.33859	46.62521	256.9929	1675.711	0	738.3563	2414.067	1.659973	0	0.066919	1.726893	18.95312	18419.82
0	0.231908	0.010893	0.010788	0.253588	445.7119	0	0	445.7119	0.014509	0	0	0.014509	0.069893	0	0	0.069893	0.312361	0	0	0.312361	0	0	0	0.312361	0.355602	0	0	0.355602	0	0	0	0.355602	2.067781	0	0	2.067781	0.004204	0	0	0.004204	0.004221	39.62844
0	0	0.00244	0.001336	0.003775	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.089952	0.529441	0.443602	0.523489	1.496532	22727.8	0	1087.943	23815.74	2.444547	0	2.328602	4.773149	2.264717	0	0.537607	2.802325	14.90559	0	14.19145	29.09705	9.699078	4.224819	11.02918	54.05013	18.99247	0	15.51846	34.51093	9.699078	4.224819	11.02918	59.46402	414.0334	0	149.5695	563.6029	0.221576	0	0.010607	0.232183	2.662959	2476.568
0	0.020767	0.00081	0.001033	0.022611	46.72106	0	0	46.72106	0.001241	0	0	0.001241	0.007326	0	0	0.007326	0.026722	0	0	0.026722	0	0	0	0.026722	0.030421	0	0	0.030421	0	0	0	0.030421	0.165426	0	0	0.165426	0.000441	0	0	0.000441	0.000314	4.153991
0	0	0.000255	0.00014	0.000396	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.12	0.713722	1.339569	1.506615	3.559906	78581.92	0	3069.057	81650.98	3.618058	0	5.348459	8.966517	5.339973	0	1.883983	7.223957	19.00483	0	30.50048	49.50531	11.41639	4.556482	13.28465	78.76283	25.86494	0	33.38169	59.24663	11.41639	4.556482	13.28465	88.50415	681.0214	0	291.2238	972.2452	0.766106	0	0.029921	0.796027	6.56258	8490.782
0	0.002214	8.79E-05	0.000107	0.002409	5.138033	0	0	5.138033	0.000136	0	0	0.000136	0.000806	0	0	0.000806	0.002934	0	0	0.002934	0	0	0	0.002934	0.00334	0	0	0.00334	0	0	0	0.00334	0.016738	0	0	0.016738	4.85E-05	0	0	4.85E-05	3.4E-05	0.456825
0.01165	0.096015	0.18769	1.829973	2.113677	22549.64	86.63532	257.0474	22893.33	0.845711	0.082154	0.452557	1.380422	0.829633	0.001974	0.428424	1.26003	4.597927	0.325196	2.518827	7.44195	2.198923	0.782019	4.157134	14.58003	6.562116	0.473261	2.755661	9.791038	2.198923	0.782019	4.157134	16.92911	100.0052	2.529927	35.05648	137.5916	0.21984	0.000845	0.002506	0.22319	1.039209	2380.648
0	1.280959	0.185759	1.207432	2.674151	8471.038	58.90686	0	8529.945	0.201528	0.002093	0	0.203621	1.328353	0.009237	0	1.337591	4.338775	0.045059	0	4.383834	0	0	0	4.383834	4.939407	0.051297	0	4.990703	0	0	0	4.990703	14.68558	0.373474	0	15.05905	0.079891	0.000556	0	0.080446	0.444613	758.4013
0.001129	0.009605	0.022968	0.261266	0.29384	3096.227	12.15083	34.64001	3143.017	0.079336	0.010202	0.054234	0.143772	0.092234	0.000244	0.05496	0.147438	0.415035	0.039739	0.294553	0.749327	0.227808	0.078659	0.434562	1.490356	0.598319	0.057931	0.322393	0.978644	0.227808	0.078659	0.434562	1.719673	9.231893	0.309188	4.20546	13.74654	0.030186	0.000118	0.000338	0.030642	0.128418	326.8384
0	0.340799	0.049841	0.37796	0.768599	2822.018	24.874	0	2846.892	0.052191	0.00056	0	0.052751	0.442524	0.003901	0	0.446424	1.123633	0.012065	0	1.135698	0	0	0	1.135698	1.279181	0.013736	0	1.292917	0	0	0	1.292917	3.695947	0.100004	0	3.795951	0.026615	0.000235	0	0.026849	0.122409	253.1185
0.010254	0.022752	0.018527	0.055582	0.096862	997.2038	0	113.8979	1111.102	1.692962	0	0.464724	2.157686	0.298477	0	0.023906	0.322382	12.97324	0	3.700651	16.67389	4.399777	5.141415	5.247935	31.46302	14.64172	0	4.016683	18.6584	4.399777	5.141415	5.247935	33.44753	136.8097	0	13.89193	150.7017	0.009722	0	0.00111	0.010832	0.033404	115.5421
0.101236	0.53496	1.224357	1.349134	3.108452	81037.89	0	3011.825	84049.71	3.066941	0	5.124027	8.190968	4.441439	0	1.627281	6.06872	16.08647	0	29.39489	45.48136	7.933717	2.963972	8.56999	64.94904	21.95635	0	32.17372	54.13007	7.933717	2.963972	8.56999	73.59775	562.6543	0	226.7776	789.4319	0.79005	0	0.029363	0.819412	5.491452	8740.223
0	0.025302	0.000939	0.001187	0.027428	64.37419	0	0	64.37419	0.00147	0	0	0.00147	0.010095	0	0	0.010095	0.031649	0	0	0.031649	0	0	0	0.031649	0.03603	0	0	0.03603	0	0	0	0.03603	0.187135	0	0	0.187135	0.000607	0	0	0.000607	0.000364	5.723539
4.81E-05	0.008476	0.018699	0.068787	0.095962	2952.926	0	0.902511	2953.829	0.134399	0	0.001649	0.136048	0.103102	0	0.00054	0.103642	0.866205	0	0.011097	0.877302	1.336564	0.60028	0.009899	2.824044	1.088948	0	0.012077	1.101025	1.336564	0.60028	0.009899	3.047767	28.39512	0	0.09806	28.49318	0.028788	0	8.8E-06	0.028797	0.063767	307.1649
0	0.078035	0.00568	0.015592	0.099306	369.4161	0	0	369.4161	0.002176	0	0	0.002176	0.057929	0	0	0.057929	0.04684	0	0	0.04684	0	0	0	0.04684	0.053324	0	0	0.053324	0	0	0	0.053324	0.186535	0	0	0.186535	0.003484	0	0	0.003484	0.010322	32.84495
0.006465	0.021168	0.034404	0.126493	0.182065	5408.402	41.20576	109.8128	5559.42	0.315428	0.013881	0.182289	0.511598	0.299429	0.000318	0.038735	0.338481	1.963152	0.071912	1.459767	3.494831	0.493903	0.259645	1.156346	5.404725	2.611093	0.099014	1.58798	4.298086	0.493903	0.259645	1.156346	6.20798	52.11992	1.014668	10.81174	63.94633	0.052727	0.000402	0.001071	0.0542	0.121635	578.1171
0	4.372082	0.139893	0.516737	5.028712	13753.62	734.5581	0	14488.18	0.305291	0.027455	0	0.332746	2.156721	0.115187	0	2.271908	6.572833	0.591103	0	7.163936	0	0	0	7.163936	7.48267	0.672926	0	8.155596	0	0	0	8.155596	18.22286	4.031835	0	22.25469	0.129627	0.006923	0	0.136551	0.334307	1288.151
0	8.03E-07	9.16E-06	3.41E-05	4.4E-05	0.72987	0.173361	0	0.903231	0.000412	0.000684	0	0.001096	0.000149	3.54E-05	0	0.000184	5.88E-06	9.78E-06	0	1.57E-05	0	0	0	1.57E-05	0.00042	0.000698	0	0.001118	0	0	0	0.001118	0.002141	0.000696	0	0.002837	0	0	0	0	0.000809	0.104435
0.000365	0.001821	0.011999	0.044278	0.058098	1841.81	7.208449	14.18979	1863.208	0.041052	0.003303	0.020444	0.064799	0.064283	7.95E-05	0.010587	0.07495	0.210531	0.013551	0.130406	0.354488	0.041394	0.018311	0.055004	0.469197	0.296486	0.01957	0.142325	0.458382	0.041394	0.018311	0.055004	0.57309	6.184582	0.104239	1.823242	8.112063	0.017956	7.03E-05	0.000138	0.018165	0.044648	193.7526
0	0.42934	0.009093	0.051339	0.489773	1066.272	32.75602	0	1099.028	0.037689	0.002232	0	0.039921	0.167203	0.005137	0	0.17234	0.811425	0.048056	0	0.859481	0	0	0	0.859481	0.923746	0.054708	0	0.978453	0	0	0	0.978453	2.301901	0.21055	0	2.512451	0.01005	0.000309	0	0.010358	0.021476	97.71511
0	1.13E-06	2.7E-05	9.91E-05	0.000127	2.098956	0.043085	0	2.142041	0.001156	0.00017	0	0.001326	0.000428	8.79E-06	0	0.000437	1.65E-05	2.43E-06	0	1.89E-05	0	0	0	1.89E-05	0.001179	0.000174	0	0.001353	0	0	0	0.001353	0.006136	0.000173	0	0.006309	0	0	0	0	0.002381	0.247672
0.000105	0.002398	0.001637	0.009325	0.013359	196.1098	12.69938	1.552675	210.3619	0.049568	0.008862	0.003648	0.062078	0.023598	0.000236	0.000614	0.024448	0.344048	0.047199	0.027613	0.41886	0.036836	0.01687	0.03246	0.505026	0.433861	0.065887	0.030063	0.529811	0.036836	0.01687	0.03246	0.615977	8.529338	0.357116	0.346444	9.232897	0.001912	0.000124	1.51E-05	0.002051	0.007339	21.87527
0	0.286507	0.006438	0.02446	0.317405	665.2258	45.51887	0	710.7446	0.022675	0.002277	0	0.024952	0.104315	0.007138	0	0.111453	0.488192	0.049028	0	0.537219	0	0	0	0.537219	0.555769	0.055814	0	0.611583	0	0	0	0.611583	1.21696	0.30265	0	1.51961	0.00627	0.000429	0	0.006699	0.014909	63.19263
0	1.96E-05	5.02E-05	0.000193	0.000263	6.916821	0.870574	0	7.787395	0.019769	0.003436	0	0.023205	0.001411	0.000178	0	0.001588	0.000282	4.91E-05	0	0.000332	0	0	0	0.000332	0.020175	0.003507	0	0.023683	0	0	0	0.023683	0.071055	0.003498	0	0.074552	0	0	0	0	0.004439	0.900412
2.96E-06	0.000113	0.001251	0.012613	0.013976	193.4868	0	0.521416	194.0082	0.002337	0	0.00069	0.003027	0.004191	0	0.000485	0.004676	0.011237	0	0.003292	0.014529	0.00147	0.000417	0.001093	0.017509	0.016397	0	0.003604	0.020001	0.00147	0.000417	0.001093	0.022981	0.253802	0	0.055577	0.30938	0.001886	0	5.08E-06	0.001891	0.005669	20.17466
0	0.065171	0.019556	0.07321	0.157937	1132.904	0	0	1132.904	0.004649	0	0	0.004649	0.177652	0	0	0.177652	0.100088	0	0	0.100088	0	0	0	0.100088	0.113943	0	0	0.113943	0	0	0	0.113943	0.670043	0	0	0.670043	0.010684	0	0	0.010684	0.018405	100.727
0	0	1.02E-07	4.68E-07	5.7E-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.012568	0.023798	0.078978	0.115344	1314.421	0	0	1314.421	5.650769	0	0	5.650769	0.268045	0	0	0.268045	0.997242	0	0	0.997242	0	0	0	0.997242	6.811367	0	0	6.811367	0	0	0	6.811367	13.1707	0	0	13.1707	0	0	0	0	0.697479	151.979
0.000804	0.002411	0.005662	0.032244	0.040317	725.6381	0	11.21953	736.8576	0.104612	0	6.96E-06	0.104619	0.070397	0	0.000602	0.070999	0.77012	0	3.68E-05	0.770157	0.044703	0.031911	0.096976	0.943746	0.964181	0	4.03E-05	0.964221	0.044703	0.031911	0.096976	1.13781	27.60861	0	0.332645	27.94126	0.007077	0	0.000109	0.007186	0.011355	76.65372
0	20.94697	1.298765	3.781065	26.0268	63333.22	1558.95	0	64892.17	1.575123	0.104564	0	1.679687	9.930285	0.244434	0	10.17472	33.91196	2.251237	0	36.16319	0	0	0	36.16319	38.60618	2.562862	0	41.16904	0	0	0	41.16904	120.4735	6.103211	0	126.5767	0.596849	0.014691	0	0.611541	1.078717	5768.971
0	0.003278	0.004358	0.023388	0.031024	248.305	13.51693	0	261.8219	0.680522	0.040456	0	0.720978	0.050668	0.002758	0	0.053427	0.075323	0.002877	0	0.0782	0	0	0	0.0782	0.769262	0.043908	0	0.81317	0	0	0	0.81317	1.373651	0.125127	0	1.498778	0	0	0	0	0.079812	30.29244
0.365478	1.998752	3.822793	3.689146	9.510691	170100.2	0	6763.506	176863.7	8.794547	0	12.94334	21.73789	9.792164	0	3.517898	13.31006	45.56585	0	73.85338	119.4192	39.16996	16.51818	42.8534	217.9608	62.26081	0	80.80572	143.0665	39.16996	16.51818	42.8534	241.6081	1567.856	0	692.5568	2260.413	1.658954	0	0.065963	1.724917	17.98385	18398.75
0	0.206796	0.011835	0.011582	0.230213	468.4362	0	0	468.4362	0.013056	0	0	0.013056	0.073448	0	0	0.073448	0.281096	0	0	0.281096	0	0	0	0.281096	0.320009	0	0	0.320009	0	0	0	0.320009	1.924332	0	0	1.924332	0.004417	0	0	0.004417	0.004586	41.64439
0	0	0.0025	0.00137	0.00387	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.07894	0.46473	0.427806	0.505609	1.398145	22079.92	0	1031.451	23111.37	2.17481	0	2.142141	4.316951	2.04155	0	0.499584	2.541134	13.06921	0	12.97679	26.04599	9.187743	3.831709	10.01316	49.07861	16.77831	0	14.19201	30.97032	9.187743	3.831709	10.01316	54.00293	370.0119	0	135.5681	505.58	0.215341	0	0.01006	0.225401	2.472387	2404.227
0	0.018756	0.000776	0.000985	0.020517	45.1035	0	0	45.1035	0.001127	0	0	0.001127	0.007072	0	0	0.007072	0.024262	0	0	0.024262	0	0	0	0.024262	0.02762	0	0	0.02762	0	0	0	0.02762	0.151309	0	0	0.151309	0.000425	0	0	0.000425	0.000301	4.009741
0	0	0.000271	0.000149	0.00042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.11031	0.651594	1.321006	1.499861	3.472461	78026.43	0	3030.468	81056.9	3.421856	0	5.144959	8.566815	5.049739	0	1.809598	6.859337	17.90397	0	29.26212	47.16609	11.2785	4.457428	12.39261	75.29463	24.42281	0	32.02698	56.44979	11.2785	4.457428	12.39261	84.57834	646.5377	0	276.0165	922.5542	0.760977	0	0.029556	0.790532	6.259411	8432.176
0	0.002257	0.000103	0.000123	0.002483	5.933633	0	0	5.933633	0.000142	0	0	0.000142	0.00093	0	0	0.00093	0.003049	0	0	0.003049	0	0	0	0.003049	0.003471	0	0	0.003471	0	0	0	0.003471	0.018325	0	0	0.018325	5.6E-05	0	0	5.6E-05	4.01E-05	0.527505
0.01032	0.084491	0.170766	1.664965	1.920222	20752.09	82.38158	242.5954	21077.06	0.725924	0.077205	0.42929	1.232419	0.741008	0.001837	0.414206	1.157051	3.927213	0.306052	2.371701	6.604965	2.099499	0.734564	3.81703	13.25606	5.605846	0.445553	2.594883	8.646283	2.099499	0.734564	3.81703	15.29738	85.35791	2.38031	32.02985	119.7681	0.202391	0.000803	0.002366	0.205561	0.946879	2192.602
0	1.227522	0.175391	1.14004	2.542952	8029.68	57.7003	0	8087.38	0.197952	0.00205	0	0.200002	1.259008	0.009047	0	1.268055	4.261792	0.044131	0	4.305923	0	0	0	4.305923	4.851767	0.050241	0	4.902007	0	0	0	4.902007	14.34287	0.365785	0	14.70866	0.07572	0.000544	0	0.076264	0.423404	718.9752
0.000996	0.008389	0.02123	0.241488	0.271107	2881.326	11.63666	33.00283	2925.965	0.067859	0.009675	0.051418	0.128951	0.082155	0.00023	0.053898	0.136283	0.35273	0.037679	0.276995	0.667403	0.217159	0.074519	0.396493	1.355575	0.508697	0.054934	0.303188	0.866819	0.217159	0.074519	0.396493	1.55499	7.867996	0.293004	3.871044	12.03204	0.028101	0.000113	0.000322	0.028536	0.118763	304.3819
0	0.323489	0.046783	0.354768	0.725039	2663.713	24.2711	0	2687.985	0.050945	0.000545	0	0.05149	0.417655	0.003806	0	0.421461	1.096812	0.011741	0	1.108552	0	0	0	1.108552	1.248647	0.013366	0	1.262013	0	0	0	1.262013	3.576949	0.097314	0	3.674262	0.025119	0.000229	0	0.025348	0.116144	238.9642
0.009635	0.020953	0.017716	0.053148	0.091818	953.1087	0	110.3562	1063.465	1.517743	0	0.442423	1.960165	0.271952	0	0.022624	0.294577	11.55733	0	3.515244	15.07257	4.228041	5.090776	5.199135	29.59052	13.08186	0	3.815719	16.89758	4.228041	5.090776	5.199135	31.41553	122.4002	0	13.50754	135.9078	0.009295	0	0.001076	0.010372	0.032595	110.63
0.09314	0.490167	1.183168	1.324492	2.997828	79217.11	0	2952.546	82169.66	2.901438	0	4.956312	7.85775	4.246751	0	1.571367	5.818119	15.08396	0	28.43039	43.51435	7.890703	2.947477	8.122155	62.47468	20.6829	0	31.11898	51.80188	7.890703	2.947477	8.122155	70.76221	529.5278	0	215.0643	744.592	0.772589	0	0.028796	0.801385	5.209395	8547.934
0	0.022423	0.001385	0.001606	0.025414	92.13579	0	0	92.13579	0.001329	0	0	0.001329	0.014446	0	0	0.014446	0.028608	0	0	0.028608	0	0	0	0.028608	0.032568	0	0	0.032568	0	0	0	0.032568	0.176884	0	0	0.176884	0.000869	0	0	0.000869	0.000537	8.190952
4.32E-05	0.007663	0.01766	0.06496	0.090282	2820.88	0	0.854436	2821.734	0.121763	0	0.001521	0.123284	0.094693	0	0.000521	0.095214	0.779738	0	0.01012	0.789858	1.282143	0.559184	0.009318	2.640504	0.9832	0	0.011015	0.994216	1.282143	0.559184	0.009318	2.844861	25.36949	0	0.092646	25.46214	0.027511	0	8.33E-06	0.02752	0.060598	293.539
0	0.076231	0.005565	0.015277	0.097074	362.0796	0	0	362.0796	0.002147	0	0	0.002147	0.056772	0	0	0.056772	0.046226	0	0	0.046226	0	0	0	0.046226	0.052625	0	0	0.052625	0	0	0	0.052625	0.184265	0	0	0.184265	0.003414	0	0	0.003414	0.01026	32.18919
0.005521	0.017709	0.03105	0.114141	0.162899	4934.969	37.44894	98.39535	5070.813	0.268549	0.012613	0.162614	0.443776	0.25716	0.000284	0.03566	0.293104	1.676204	0.064666	1.298159	3.039029	0.434193	0.224226	0.99928	4.696727	2.220718	0.089294	1.412157	3.722169	0.434193	0.224226	0.99928	5.379868	44.23237	0.91376	9.695008	54.84114	0.04813	0.000365	0.00096	0.049455	0.11027	527.5058
0	3.858048	0.126681	0.467936	4.452665	12462.5	703.4727	0	13165.97	0.273219	0.0246	0	0.297819	1.954048	0.1103	0	2.064348	5.88234	0.529621	0	6.411961	0	0	0	6.411961	6.696596	0.602934	0	7.29953	0	0	0	7.29953	16.40452	3.676181	0	20.0807	0.117446	0.006629	0	0.124075	0.30704	1170.466
0	4.84E-06	7.97E-05	0.000294	0.000378	6.195404	0.710596	0	6.906001	0.003394	0.002807	0	0.006201	0.001264	0.000145	0	0.001409	4.85E-05	4.01E-05	0	8.86E-05	0	0	0	8.86E-05	0.003464	0.002865	0	0.006328	0	0	0	0.006328	0.018222	0.002857	0	0.021079	0	0	0	0	0.007036	0.799015
0.00033	0.001648	0.01269	0.04683	0.061169	1972.657	7.624776	14.69003	1994.972	0.039015	0.003515	0.020431	0.062962	0.0611	8.62E-05	0.011318	0.072504	0.199283	0.014181	0.128148	0.341612	0.040309	0.017266	0.051663	0.45085	0.280999	0.020513	0.139887	0.441398	0.040309	0.017266	0.051663	0.550637	5.668846	0.109168	1.868766	7.64678	0.019239	7.44E-05	0.000143	0.019457	0.047299	207.5326
0	0.356241	0.008145	0.046159	0.410545	959.3762	31.41272	0	990.7889	0.031602	0.002024	0	0.033627	0.150425	0.004925	0	0.15535	0.680392	0.043579	0	0.723972	0	0	0	0.723972	0.774575	0.049612	0	0.824186	0	0	0	0.824186	1.949505	0.193256	0	2.142761	0.009041	0.000296	0	0.009337	0.01992	88.082
0	5.15E-06	0.00012	0.000443	0.000568	9.389443	0.227197	0	9.616639	0.005205	0.000897	0	0.006102	0.001916	4.64E-05	0	0.001962	7.44E-05	1.28E-05	0	8.72E-05	0	0	0	8.72E-05	0.005312	0.000916	0	0.006227	0	0	0	0.006227	0.027438	0.000913	0	0.028352	0	0	0	0	0.010618	1.112632
0.000102	0.002351	0.001688	0.009627	0.013665	204.5656	13.20225	1.586013	219.3539	0.049083	0.009241	0.003654	0.061978	0.023318	0.000253	0.000655	0.024226	0.341021	0.048644	0.027546	0.417211	0.036378	0.016463	0.031536	0.501589	0.429535	0.06808	0.029991	0.527607	0.036378	0.016463	0.031536	0.611984	8.401702	0.368387	0.343959	9.114048	0.001995	0.000129	1.55E-05	0.002139	0.007669	22.81892
0	0.244187	0.005783	0.021971	0.271941	596.9609	47.74495	0	644.7058	0.019609	0.002109	0	0.021718	0.0936	0.007486	0	0.101086	0.422175	0.045397	0	0.467572	0	0	0	0.467572	0.480614	0.051681	0	0.532295	0	0	0	0.532295	1.05745	0.291472	0	1.348923	0.005626	0.00045	0	0.006076	0.013621	57.31491
0	3.69E-05	9.5E-05	0.000365	0.000497	13.21391	1.512418	0	14.72633	0.037844	0.005974	0	0.043818	0.002696	0.000309	0	0.003005	0.000541	8.54E-05	0	0.000626	0	0	0	0.000626	0.038623	0.006097	0	0.044719	0	0	0	0.044719	0.136188	0.00608	0	0.142268	0	0	0	0	0.008389	1.703816
2.52E-06	9.99E-05	0.00175	0.017162	0.019012	287.3645	0	0.724635	288.0892	0.001523	0	0.000868	0.002391	0.003741	0	0.000652	0.004393	0.006249	0	0.003922	0.010171	0.001728	0.000475	0.001215	0.013588	0.009119	0	0.004294	0.013413	0.001728	0.000475	0.001215	0.01683	0.12664	0	0.067221	0.193861	0.002803	0	7.07E-06	0.00281	0.007512	29.9693
0	0.052472	0.017162	0.062692	0.132326	979.321	0	0	979.321	0.003825	0	0	0.003825	0.153552	0	0	0.153552	0.082354	0	0	0.082354	0	0	0	0.082354	0.093754	0	0	0.093754	0	0	0	0.093754	0.546458	0	0	0.546458	0.009235	0	0	0.009235	0.015941	87.0625
0	0	6.69E-06	3.07E-05	3.74E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.011774	0.025203	0.083697	0.120674	1427.185	0	0	1427.185	5.523165	0	0	5.523165	0.291228	0	0	0.291228	0.952421	0	0	0.952421	0	0	0	0.952421	6.632158	0	0	6.632158	0	0	0	6.632158	14.86141	0	0	14.86141	0	0	0	0	0.738961	165.1234
0.000731	0.002248	0.005551	0.031284	0.039084	702.6376	0	10.24365	712.8812	0.09992	0	8.46E-06	0.099929	0.06771	0	0.000573	0.068283	0.729741	0	4.5E-05	0.729786	0.041657	0.029795	0.092524	0.893762	0.916213	0	4.93E-05	0.916263	0.041657	0.029795	0.092524	1.080238	26.34194	0	0.315023	26.65697	0.006936	0	0.000101	0.007037	0.011193	75.05765
0	20.77291	1.304049	3.751973	25.82893	63469.23	1778.666	0	65247.9	1.544558	0.108935	0	1.653493	9.951171	0.278872	0	10.23004	33.25391	2.345333	0	35.59924	0	0	0	35.59924	37.85705	2.669983	0	40.52703	0	0	0	40.52703	119.3764	6.809717	0	126.1861	0.598105	0.016761	0	0.614866	1.20744	5800.338
0	0.003273	0.005768	0.030507	0.039548	303.7453	18.05294	0	321.7982	0.826673	0.054873	0	0.881546	0.062314	0.003704	0	0.066018	0.077191	0.003065	0	0.080256	0	0	0	0.080256	0.918169	0.058601	0	0.97677	0	0	0	0.97677	2.066099	0.166961	0	2.23306	0	0	0	0	0.107053	37.43164
0.32469	1.808093	3.907053	3.778673	9.493818	170108.6	0	6455.669	176564.3	8.271614	0	12.20123	20.47284	9.329336	0	3.383445	12.71278	42.30678	0	68.95554	111.2623	37.76701	15.88204	40.09017	205.0015	58.09286	0	75.4521	133.545	37.76701	15.88204	40.09017	227.2842	1489.376	0	641.5186	2130.895	1.679129	0	0.063723	1.742853	17.54937	18590.06
0	0.190767	0.013964	0.013524	0.218255	526.146	0	0	526.146	0.012185	0	0	0.012185	0.082493	0	0	0.082493	0.262326	0	0	0.262326	0	0	0	0.262326	0.298641	0	0	0.298641	0	0	0	0.298641	1.861965	0	0	1.861965	0.004961	0	0	0.004961	0.005411	46.77277
0	0	0.002822	0.001546	0.004368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.64E-08	2.39E-07	8.83E-06	4.31E-06	1.34E-05	0.174344	0	0.007084	0.181429	6.02E-07	0	4.09E-06	4.69E-06	7.49E-07	0	2.06E-06	2.81E-06	1.88E-06	0	1.64E-05	1.82E-05	1.49E-05	3.74E-06	3.54E-06	4.04E-05	2.74E-06	0	1.79E-05	2.06E-05	1.49E-05	3.74E-06	3.54E-06	4.29E-05	0.000282	0	0.000125	0.000407	1.72E-06	0	6.99E-08	1.79E-06	1.2E-05	0.019102
0.070072	0.423395	0.428452	0.508389	1.360235	21715.57	0	964.5327	22680.1	2.013498	0	1.998623	4.01212	1.925235	0	0.4715	2.396734	11.85726	0	12.00086	23.85812	8.731606	3.583455	9.429678	45.60286	15.36695	0	13.12651	28.49346	8.731606	3.583455	9.429678	50.2382	344.4762	0	124.4282	468.9044	0.214353	0	0.009521	0.223874	2.393683	2387.937
0	0.0178	0.000747	0.000953	0.0195	43.51883	0	0	43.51883	0.001071	0	0	0.001071	0.006823	0	0	0.006823	0.023054	0	0	0.023054	0	0	0	0.023054	0.026245	0	0	0.026245	0	0	0	0.026245	0.143291	0	0	0.143291	0.00041	0	0	0.00041	0.00029	3.86869
0	0	0.00027	0.000148	0.000418	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.101851	0.612612	1.358769	1.553918	3.525299	78473.2	0	2931.012	81404.21	3.343704	0	4.950954	8.294658	4.914027	0	1.745801	6.659828	17.4569	0	27.98232	45.43923	11.27806	4.54411	11.95431	73.21571	23.81064	0	30.6264	54.43704	11.27806	4.54411	11.95431	82.21353	631.6588	0	260.5682	892.227	0.774603	0	0.028932	0.803535	6.185935	8570.865
0	0.002205	0.00011	0.00013	0.002445	6.202375	0	0	6.202375	0.000139	0	0	0.000139	0.000972	0	0	0.000972	0.002995	0	0	0.002995	0	0	0	0.002995	0.00341	0	0	0.00341	0	0	0	0.00341	0.017691	0	0	0.017691	5.85E-05	0	0	5.85E-05	4.27E-05	0.551372
0.009483	0.078881	0.163851	1.597548	1.84028	19655.34	78.01053	228.2683	19961.61	0.66699	0.074177	0.417491	1.158658	0.703483	0.001754	0.406461	1.111698	3.595465	0.293854	2.290711	6.180029	2.072343	0.736061	3.71875	12.70718	5.130241	0.427885	2.506357	8.064483	2.072343	0.736061	3.71875	14.59164	78.27485	2.284788	29.91021	110.4698	0.194016	0.00077	0.002253	0.19704	0.909426	2101.713
0	1.219254	0.173466	1.12753	2.52025	7992.205	57.07509	0	8049.281	0.201714	0.002028	0	0.203742	1.253076	0.008949	0	1.262025	4.342786	0.043651	0	4.386438	0	0	0	4.386438	4.943974	0.049694	0	4.993668	0	0	0	4.993668	14.55169	0.361805	0	14.91349	0.075363	0.000538	0	0.075902	0.421572	715.5564
0.000934	0.007995	0.021123	0.240278	0.269396	2815.573	11.34316	32.06912	2858.985	0.064393	0.009578	0.051116	0.125087	0.08022	0.000227	0.054687	0.135134	0.333495	0.037232	0.273433	0.644159	0.222809	0.077879	0.399428	1.344276	0.480797	0.054284	0.299292	0.834373	0.222809	0.077879	0.399428	1.534489	7.458257	0.289425	3.752098	11.49978	0.027792	0.000112	0.000317	0.028221	0.118177	301.016
0	0.322981	0.046695	0.354101	0.723777	2675.887	24.20854	0	2700.095	0.052161	0.000543	0	0.052704	0.419545	0.003796	0	0.423341	1.122988	0.01169	0	1.134678	0	0	0	1.134678	1.278447	0.013308	0	1.291756	0	0	0	1.291756	3.631888	0.096894	0	3.728781	0.025233	0.000228	0	0.025461	0.116957	240.0302
0.009129	0.019776	0.017238	0.051714	0.088729	910.919	0	104.9501	1015.869	1.430066	0	0.424318	1.854384	0.258738	0	0.021576	0.280314	10.83151	0	3.362231	14.19374	4.076487	5.146701	5.262826	28.67976	12.29016	0	3.649854	15.94001	4.076487	5.146701	5.262826	30.42603	115.2045	0	13.20071	128.4052	0.008992	0	0.001036	0.010028	0.032086	106.9586
0.086725	0.466096	1.190973	1.35239	3.009459	78511.37	0	2846.375	81357.74	2.862161	0	4.846112	7.708272	4.229476	0	1.5361	5.765576	14.73738	0	27.71587	42.45325	7.957636	3.053383	8.024211	61.48848	20.2841	0	30.33764	50.62174	7.957636	3.053383	8.024211	69.65697	519.3073	0	205.7065	725.0139	0.77498	0	0.028096	0.803076	5.151591	8565.972
0	0.020988	0.002076	0.002295	0.025359	133.343	0	0	133.343	0.001273	0	0	0.001273	0.020906	0	0	0.020906	0.027411	0	0	0.027411	0	0	0	0.027411	0.031206	0	0	0.031206	0	0	0	0.031206	0.179958	0	0	0.179958	0.001257	0	0	0.001257	0.000804	11.85379
3.86E-05	0.007102	0.016947	0.062341	0.08639	2672.736	0	0.78423	2673.52	0.113178	0	0.001401	0.114579	0.089209	0	0.000496	0.089704	0.720535	0	0.009229	0.729764	1.222775	0.533489	0.008968	2.494996	0.910718	0	0.010047	0.920765	1.222775	0.533489	0.008968	2.685996	23.25834	0	0.086907	23.34524	0.026382	0	7.74E-06	0.02639	0.058446	281.4889
0	0.074258	0.005486	0.015061	0.094805	357.1542	0	0	357.1542	0.002136	0	0	0.002136	0.055997	0	0	0.055997	0.045983	0	0	0.045983	0	0	0	0.045983	0.052348	0	0	0.052348	0	0	0	0.052348	0.182857	0	0	0.182857	0.003368	0	0	0.003368	0.010232	31.74991

0.004915	0.015972	0.030087	0.110574	0.156632	4719.267	34.92187	90.12342	4844.312	0.25007	0.012032	0.151945	0.414046	0.240977	0.000266	0.034081	0.275324	1.559952	0.061017	1.205145	2.826115	0.40774	0.208848	0.945169	4.387873	2.062915	0.08457	1.311043	3.458528	0.40774	0.208848	0.945169	5.020286	41.03977	0.864337	9.230118	51.13423	0.046584	0.000345	0.00089	0.047818	0.107281	510.0467
0	3.801978	0.127267	0.4701	4.399345	12511.32	705.1223	0	13216.44	0.273106	0.023671	0	0.296776	1.961616	0.110554	0	2.07217	5.879889	0.509623	0	6.389512	0	0	0	6.389512	6.693806	0.580167	0	7.273973	0	0	0	7.273973	16.45818	3.559861	0	20.01805	0.117901	0.006645	0	0.124546	0.317849	1174.901
0	8.89E-06	0.000147	0.000543	0.000699	11.33591	1.309423	0	12.64533	0.006204	0.0052	0	0.011404	0.002326	0.000269	0	0.002594	8.86E-05	7.43E-05	0	0.000163	0	0	0	0.000163	0.006332	0.005307	0	0.011639	0	0	0	0.011639	0.033517	0.005292	0	0.038809	0	0	0	0	0.013018	1.470908
0.000296	0.001531	0.012852	0.047428	0.06181	1973.592	7.495039	14.25055	1995.337	0.038192	0.003529	0.019836	0.061557	0.059511	8.71E-05	0.011252	0.07085	0.194694	0.014117	0.122911	0.331722	0.039546	0.01685	0.050562	0.438681	0.274893	0.020443	0.134193	0.429529	0.039546	0.01685	0.050562	0.536487	5.402094	0.10875	1.855323	7.366166	0.019481	7.4E-05	0.000141	0.019696	0.047928	210.0846
0	0.339364	0.008112	0.045842	0.393318	956.7803	32.86231	0	989.6427	0.030678	0.001962	0	0.03264	0.150011	0.005152	0	0.155163	0.660488	0.042232	0	0.70272	0	0	0	0.70272	0.751916	0.048078	0	0.799994	0	0	0	0.799994	1.887304	0.19176	0	2.079064	0.009016	0.00031	0	0.009326	0.02039	87.9762
0	8.51E-06	0.000195	0.000721	0.000925	15.38937	0.347447	0	15.73681	0.008771	0.00138	0	0.010151	0.003157	7.13E-05	0	0.003228	0.000125	1.97E-05	0	0.000145	0	0	0	0.000145	0.008952	0.001408	0	0.01036	0	0	0	0.01036	0.04507	0.001404	0	0.046474	0	0	0	0	0.01723	1.830509
9.72E-05	0.002337	0.001784	0.010172	0.014294	212.7936	13.18321	1.555386	227.5322	0.048931	0.009524	0.003605	0.06206	0.023359	0.000268	0.000692	0.024318	0.3404	0.049376	0.02701	0.416786	0.035781	0.016446	0.031094	0.500108	0.427637	0.069233	0.029408	0.526278	0.035781	0.016446	0.031094	0.609599	8.395183	0.374023	0.334464	9.10367	0.0021	0.00013	1.54E-05	0.002246	0.008224	23.95635
0	0.229723	0.005727	0.021749	0.257199	588.8264	49.50521	0	638.3316	0.018954	0.001859	0	0.020813	0.092321	0.007762	0	0.100082	0.408068	0.040021	0	0.44809	0	0	0	0.44809	0.464555	0.045561	0	0.510116	0	0	0	0.510116	1.028405	0.275822	0	1.304228	0.005549	0.000467	0	0.006015	0.013809	56.74573
0	7.21E-05	0.000182	0.000702	0.000956	25.78935	2.999777	0	28.78912	0.074473	0.011913	0	0.086385	0.005291	0.000615	0	0.005906	0.001064	0.00017	0	0.001234	0	0	0	0.001234	0.076005	0.012158	0	0.088163	0	0	0	0.088163	0.268672	0.012124	0	0.280796	0	0	0	0	0.016073	3.348757
1.92E-06	7.39E-05	0.002017	0.0196	0.021691	329.3621	0	0.759169	330.1212	0.001228		0	0.000902	0.00213	0.003654	0	0.000695	0.004349	0.004521	0	0.003953	0.008475	0.001639	0.000449	0.00101	0.011572	0.006598	0	0.004328	0.010926	0.001639	0.000449	0.00101	0.014024	0.092893	0	0.068489	0.161382	0.003251	0	7.49E-06	0.003259	0.008506	34.75772
0	0.010219	0.016314	0.058419	0.084952	912.4636	0	0	912.4636	0.003746		0	0.003746	0.143063	0	0	0.143063	0.080657	0	0	0.080657	0	0	0	0.080657	0.091822	0	0	0.091822	0	0	0	0.091822	0.498411	0	0	0.498411	0.008604	0	0	0.008604	0.015171	81.11522
0	0	9.01E-07	4.07E-06	4.97E-06	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.010553	0.025581	0.084882	0.121017	1463.951	0	0	1463.951	5.207299		0	5.207299	0.300335	0	0	0.300335	0.877342	0	0	0.877342	0	0	0	0.877342	6.229358	0	0	6.229358	0	0	0	6.229358	15.26316	0	0	15.26316	0	0	0	0	0.749785	170.2871
0.00066	0.002032	0.005296	0.029279	0.036606	668.0029	0	9.378499	677.3814	0.091952		0	1.23E-05	0.091965	0.063182	0	0.000565	0.063748	0.669211	0	6.57E-05	0.669277	0.038531	0.026751	0.08532	0.819879	0.842057	0	7.2E-05	0.842129	0.038531	0.026751	0.08532	0.992731	24.31255	0	0.302098	24.61465	0.006613	0	9.28E-05	0.006706	0.010751	71.53209
0	20.44626	1.328046	3.769017	25.54332	64295.32	1951.014	0	66246.33	1.50017	0.10803	0	1.6082	10.08432	0.306004	0	10.39032	32.29824	2.325853	0	34.6241	0	0	0	34.6241	36.76909	2.647806	0	39.4169	0	0	0	39.4169	117.1451	7.611276	0	124.7564	0.606107	0.018392	0	0.624499	1.620104	5891.214
0	0.003291	0.007703	0.039359	0.050353	382.5573	24.46084	0	407.0181	1.01463	0.076893	0	1.091524	0.07866	0.00503	0	0.08369	0.078959	0.003338	0	0.082297	0	0	0	0.082297	1.108948	0.081027	0	1.189975	0	0	0	1.189975	3.032207	0.214936	0	3.247143	0	0	0	0	0.147459	47.45127
0.288026	1.586864	3.888825	3.764963	9.240652	167401.9	0	6260.027	173662	7.438417		0	11.45734	18.89576	8.51329	0	3.25732	11.77061	37.67101	0	64.24825	101.9193	36.2788	14.69479	36.46046	189.3533	51.95543	0	70.3054	122.2608	36.2788	14.69479	36.46046	209.6949	1358.561	0	593.0614	1951.622	1.657326	0	0.061976	1.719302	16.59511	18338.86
0	0.169678	0.017296	0.016534	0.203508	621.8128	0	0	621.8128	0.011037		0	0.011037	0.097527	0	0	0.097527	0.237625	0	0	0.237625	0	0	0	0.237625	0.27052	0	0	0.27052	0	0	0	0.27052	1.773109	0	0	1.773109	0.005866	0	0	0.005866	0.006702	55.29714
0	0	0.003814	0.002087	0.005902	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.8E-06	1.68E-05	0.000454	0.000221	0.000692	8.928455	0	0.37575	9.304205	3.09E-05		0	0.000209	0.00024	3.85E-05	0	0.000106	0.000144	9.62E-05	0	0.000835	0.000931	0.000765	0.000191	0.000181	0.002068	0.00014	0	0.000914	0.001054	0.000765	0.000191	0.000181	0.002192	0.014476	0	0.006397	0.020873	8.84E-05	0	3.72E-06	9.21E-05	0.000615	0.982532
0.062311	0.374106	0.399127	0.477233	1.250466	20106.14	0	890.8789	20997.02	1.811041		0	1.840426	3.651467	1.734851	0	0.436028	2.170879	10.59007	0	11.02497	21.61504	8.3096	3.297366	8.634123	41.85613	13.78107	0	12.05983	25.8409	8.3096	3.297366	8.634123	46.08199	309.3524	0	112.9547	422.3071	0.199056	0	0.00882	0.207876	2.186028	2217.304
0	0.016445	0.000698	0.000896	0.01804	40.79231	0	0	40.79231	0.000993		0	0.000993	0.006398	0	0	0.006398	0.021379	0	0	0.021379	0	0	0	0.021379	0.024339	0	0	0.024339	0	0	0	0.024339	0.132935	0	0	0.132935	0.000385	0	0	0.000385	0.000271	3.627616
0	0	0.000249	0.000137	0.000386	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.094057	0.560792	1.384953	1.587534	3.533279	78579.01	0	2907.739	81486.75	3.12475		0	4.776137	7.900886	4.606822	0	1.694455	6.301276	16.21326	0	26.83837	43.05163	11.34872	4.436524	11.32813	70.165	22.17769	0	29.37509	51.55278	11.34872	4.436524	11.32813	78.66615	595.093	0	247.5994	842.6924	0.777954	0	0.028787	0.806742	5.99708	8605.074
0	0.002266	0.000132	0.000153	0.002551	7.258326	0	0	7.258326	0.000144		0	0.000144	0.001138	0	0	0.001138	0.003107	0	0	0.003107	0	0	0	0.003107	0.003537	0	0	0.003537	0	0	0	0.003537	0.018765	0	0	0.018765	6.85E-05	0	0	6.85E-05	5.11E-05	0.645475
0.008646	0.070888	0.153016	1.491903	1.715807	18254.34	74.48972	216.639	18545.47	0.587862	0.071119	0.401184	1.060165	0.639832	0.001675	0.397153	1.03866	3.156221	0.281963	2.189678	5.627862	2.008328	0.701928	3.491219	11.82934	4.506483	0.410652	2.395972	7.313107	2.008328	0.701928	3.491219	13.51458	68.7626	2.191638	27.91557	98.86981	0.180723	0.000737	0.002145	0.183605	0.850156	1958.418
0	1.152321	0.167405	1.088129	2.407855	7807.604	56.28157	0	7863.886	0.195571	0.002	0	0.197571	1.224574	0.008827	0	1.233401	4.210519	0.04306	0	4.253579	0	0	0	4.253579	4.793396	0.049021	0	4.842417	0	0	0	4.842417	14.0201	0.356903	0	14.377	0.073649	0.000531	0	0.07418	0.518871	699.3268
0.000884	0.007427	0.020863	0.237315	0.266505	2743.084	11.30961	31.8636	2786.257	0.059058	0.009609	0.051176	0.119842	0.075425	0.000228	0.055998	0.13165	0.305314	0.037312	0.272549	0.615175	0.225165	0.077467	0.388275	1.306082	0.439841	0.054401	0.298326	0.792568	0.225165	0.077467	0.388275	1.483475	6.896786	0.2899	3.686051	10.87274	0.027157	0.000112	0.000315	0.027585	0.116767	294.2312
0	0.3063	0.046576	0.353201	0.706077	2708.629	24.37551	0	2733.004	0.050993	0.000546	0	0.051538	0.424831	0.003823	0	0.428655	1.09784	0.011753	0	1.109593	0	0	0	1.109593	1.249818	0.01338	0	1.263198	0	0	0	1.263198	3.497796	0.097413	0	3.595209	0.025551	0.00023	0	0.02578	0.172348	243.0431
0.008946	0.018961	0.016915	0.050744	0.08662	884.3099	0	103.3675	987.6775	1.342748		0	0.41705	1.759798	0.245988	0	0.021091	0.267079	10.11482	0	3.299009	13.41383	4.043274	5.21347	5.340413	28.01099	11.5078	0	3.581451	15.08925	4.043274	5.21347	5.340413	29.6864	107.991	0	13.23747	121.2284	0.008755	0	0.001023	0.009778	0.031964	104.2996
0.080288	0.428354	1.168534	1.34044	2.937327	76394.61	0	2781.078	79175.69	2.689917		0	4.683242	7.373159	4.008491	0	1.488222	5.496714	13.76461	0	26.75594	40.52055	7.964971	3.031217	7.685944	59.20268	19.00588	0	29.28752	48.29339	7.964971	3.031217	7.685944	66.97553	488.3245	0	195.6242	683.9486	0.756328	0	0.027533	0.783862	4.920642	8361.024
0	0.018873	0.003338	0.003563	0.025774	206.2568	0	0	206.2568	0.0012		0	0.0012	0.03235	0	0	0.03235	0.025826	0	0	0.025826	0	0	0	0.025826	0.029401	0	0	0.029401	0	0	0	0.029401	0.189067	0	0	0.189067	0.001946	0	0	0.001946	0.001293	18.34219
3.44E-05	0.006307	0.015767	0.058003	0.080077	2476.957	0	0.724178	2477.681	0.099954		0	0.001281	0.101235	0.080102	0	0.000473	0.080575	0.632497	0	0.008336	0.640833	1.143133	0.487845	0.008261	2.280072	0.801121	0	0.009076	0.810197	1.143133	0.487845	0.008261	2.449435	20.28022	0	0.080578	20.36079	0.024523	0	7.17E-06	0.02453	0.054698	261.6453
0	0.070257	0.005279	0.014493	0.090029	343.7662	0	0	343.7662	0.002073		0	0.002073	0.053918	0	0	0.053918	0.044621	0	0	0.044621	0	0	0	0.044621	0.050799	0	0	0.050799	0	0	0	0.050799	0.176847	0	0	0.176847	0.003243	0	0	0.003243	0.011412	30.57076
0.004373	0.014103	0.02991	0.109909	0.153922	4667.539	33.99045	84.94083	4786.47	0.223517	0.012062	0.140256	0.375835	0.21974	0.000274	0.033687	0.253701	1.386115	0.059609	1.099485	2.545209	0.380263	0.187759	0.868623	3.981854	1.836568	0.08306	1.196321	3.115949	0.380263	0.187759	0.868623	4.552594	36.4231	0.847201	8.902076	46.17238	0.04621	0.000337	0.000841	0.047387	0.107328	505.4555
0	3.739978	0.12973	0.479197	4.348905	12684.95	704.5598	0	13389.51	0.272004	0.022307	0	0.294311	1.989555	0.110506	0	2.100061	5.856182	0.480257	0	6.336439	0	0	0	6.336439	6.666818	0.546736	0	7.213554	0	0	0	7.213554	16.46506	3.433206	0	19.89826	0.11958	0.006642	0	0.126222	0.401312	1190.715
0	1.22E-05	0.000201	0.000739	0.000952	15.46591	1.798062	0	17.26397	0.008565	0.007156	0	0.015721	0.00318	0.00037	0	0.00355	0.000122	0.000102	0	0.000225	0	0	0	0.000225	0.008741	0.007304	0	0.016045	0	0	0	0.016045	0.045773	0.007284	0	0.053057	0	0	0	0	0.017713	2.01268
0.000266	0.001358	0.012041	0.04444	0.057839	1844.176	7.14746	13.4881	1864.812	0.034883	0.003388	0.018557	0.056828	0.054247	8.42E-05	0.010663	0.064994	0.177579	0.013511	0.114092	0.305182	0.03748	0.015633	0.046695	0.40499	0.251187	0.019579	0.124586	0.395351	0.03748	0.015633	0.046695	0.495159	4.821485	0.104119	1.773509	6.699114	0.018258	7.08E-05	0.000134	0.018462	0.04493	196.9258
0	0.329131	0.008251	0.046223	0.383605	969.7779	32.74992	0	1002.528	0.030202	0.001796	0	0.031998	0.152104	0.005137	0	0.15724	0.65024	0.038662	0	0.688902	0	0	0	0.688902	0.740249	0.044013	0	0.784263	0	0	0	0.784263	1.854263	0.184613	0	2.038876	0.009142	0.000309	0	0.009451	0.026063	89.15371
0	9.58E-06	0.000221	0.000817	0.001048	17.40494	0.369086	0	17.77403	0.009941	0.001469	0	0.01141	0.003579	7.59E-05	0	0.003655	0.000142	2.1E-05	0	0.000163	0	0	0	0.000163	0.010146	0.001499	0	0.011645	0	0	0	0.011645	0.05109	0.001495	0	0.052585	0	0	0	0	0.019531	2.072144
9.17E-05	0.002214	0.001827	0.010422	0.014463	216.1105	13.40909	1.548763	231.0684	0.044972	0.009955	0.003563	0.058489	0.022077	0.00029	0.000755	0.023122	0.314134	0.050674	0.026478	0.391287	0.033874	0.015656	0.028958	0.469775	0.391899	0.071203	0.028831	0.491933	0.033874	0.015656	0.028958	0.570422	7.847658	0.383867	0.325875	8.5574	0.00214	0.000133	1.53E-05	0.002288	0.008623	24.40103
0	0.219577	0.005758	0.021862	0.247197	588.7667	50.67184	0	639.4386	0.018397	0.001719	0	0.020115	0.092344	0.007948	0	0.100293	0.396077	0.036999	0	0.433076	0	0	0	0.433076	0.450903	0.042121	0	0.493024	0	0	0	0.493024	1.001917	0.267275	0	1.269192	0.00555	0.000478	0	0.006028	0.016232	56.86458
0	0.000106	0.000268	0.001036	0.00141	38.19311	4.280096	0	42.4732	0.110636	0.017035	0	0.127672	0.007853	0.00088	0	0.008733	0.001581	0.000243	0	0.001824	0	0	0	0.001824	0.112913	0.017386	0	0.130298	0	0	0	0.130298	0.399432	0.017338	0	0.41677	0	0	0	0	0.023686	4.95164
1.68E-06	6.68E-05	0.002136	0.020686	0.022889	349.8123	0	0.834868	350.6472	0.001187		0	0.000996	0.002183	0.003798	0	0.000759	0.004557	0.004303	0	0.004318	0.008621	0.001661	0.000462	0.001003	0.011746	0.006278	0	0.004728	0.011006	0.001661	0.000462	0.001003	0.014132	0.088857	0	0.074608	0.163466	0.003463	0	8.27E-06	0.003472	0.00895	37.02866
0	0.008296	0.015236	0.053162	0.076694	833.4853	0	0	833.4853	0.003403		0	0.003403	0.130727	0	0	0.130727	0.073259	0	0	0.073259	0	0	0	0.073259	0.0834	0	0	0.0834	0	0	0	0.0834	0.428694	0	0	0.428694	0.007862	0	0	0.007862	0.01433	74.12094
0	0	8.49E-07	3.33E-06	4.18E-06	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.008594	0.02366	0.079021	0.111275	1384.478	0	0	1384.478	4.458521		0	4.458521	0.284672	0	0	0.284672	0.730579	0	0	0.730579	0	0	0	0.730579	5.310149	0	0	5.310149	0	0	0	5.310149	14.67856	0	0	14.67856	0	0	0	0	0.697773	161.4061
0.000551	0.001725	0.004916	0.02697	0.033611	620.1912	0	8.13789	628.3291	0.081715		0	4.04E-06	0.081719	0.057827	0	0.00048	0.058307	0.586208	0	2.15E-05	0.58623	0.033858	0.022079	0.075028	0.717196	0.743136	0	2.36E-05	0.74316	0.033858	0.022079	0.075028	0.874126	21.20322	0	0.279751	21.48297	0.006124	0	8.04E-05	0.006204	0.010082	66.17415
0	18.24121	1.319123	3.664588	23.22492	63433.57	2289.743	0	65723.31	1.323369	0.104365	0	1.427734	9.949835	0.359156	0	10.30899	28.49176	2.246959	0	30.73872	0	0	0	30.73872	32.4357	2.557992	0	34.99369	0	0	0	34.99369	104.4408	8.683874	0	113.1247	0.598024	0.021587	0	0.619611	2.17396	5845.101
0	0.003234	0.00985	0.048208	0.061293	468.3168	31.5253	0	499.8421	1.193142	0.100618	0	1.293761	0.096194	0.006475	0	0.102669	0.078908	0.003631	0	0.082539	0	0	0	0.082539	1.288169	0.105187	0	1.393355	0	0	0	1.393355	4.05497	0.268964	0	4.323934	0	0	0	0	0.195495	58.21237
0.258517	1.415983	3.955794	3.82855	9.200327	168653.5	0	6189.394	174842.9	6.689482		0	10.8262	17.51568	7.811703	0	3.174216	10.98592	33.43141	0	60.08964	93.52105	35.15224	13.65946	33.5132	175.8459	46.36077	0	65.75959	112.1204	35.15224	13.65946	33.5132	194.4453	1248.007	0	551.9867	1799.993	1.665239	0	0.061112	1.726351	15.97302	18414.04
0	0.152526	0.0209	0.01983	0.193257	722.4438	0	0	722.4438	0.010144		0	0.010144	0.113318	0	0	0.113318	0.218391	0	0	0.218391	0	0	0	0.218391	0.248624	0	0	0.248624	0	0	0	0.248624	1.720213	0	0	1.720213	0.006815	0	0	0.006815	0.008099	64.25052
0	0	0.004436	0.002425	0.006861	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.1E-05	0.000232	0.004376	0.002128	0.006736	86.10827	0	3.457839	89.56611	0.000297		0	0.001998	0.002295	0.000371	0	0.001011	0.001381	0.000923	0	0.007977	0.0089	0.007308	0.001824	0.001727	0.019758	0.001347	0	0.008733	0.01008	0.007308	0.001824	0.001727	0.020939	0.139189	0	0.061148	0.200338	0.00085	0	3.41E-05	0.000884	0.005927	9.432893
0.056098	0.334996	0.388787	0.465334	1.189118	19473.02	0	849.9118	20322.93	1.64138		0	1.715276	3.356656	1.579776	0	0.411742	1.991518	9.52068	0	10.22994	19.75062	7.969693	3.064699	7.97678	38.76179	12.44317	0	11.19086	23.63403	7.969693	3.064699	7.97678	42.6452	281.2161	0	103.7141	384.9302	0.192271	0	0.008392	0.200663	2.046014	2140.364
0	0.015164	0.000666	0.000856	0.016685	39.01445	0	0	39.01445	0.000921		0	0.000921	0.00612	0	0	0.00612	0.019835	0	0	0.019835	0	0	0	0.019835	0.022581	0	0	0.022581	0	0	0	0.022581	0.123895	0	0	0.123895	0.000368	0	0	0.000368	0.000258	3.469749
0	0	0.000245	0.000135	0.00038	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0868	0.514176	1.40969	1.619128	3.542994	79067.79	0	2894.879	81962.67	2.88971		0	4.582319	7.472028	4.292681	0	1.642243	5.934923	14.88019	0	25.56593	40.44612	11.32054	4.296054	10.6876	66.75031	20.41512	0	27.98311	48.39823	11.32054	4.296054	10.6876	74.70242	556.4528	0	233.6896	790.1424	0.780694	0	0.028583	0.809277	5.816426	8632.117
0	0.002905	0.000971	0.000999	0.004875	45.57566	0	0	45.57566	0.000233		0	0.000233	0.007149	0	0	0.007149	0.005006	0	0	0.005006	0	0	0	0.005006	0.005699	0	0	0.005699	0	0	0	0.005699	0.032344	0	0	0.032344	0.00043	0	0	0.00043	0.000376	4.05327
0.007904	0.063825	0.143918	1.4032	1.610943	17136.3	71.64282	207.2254	17415.17	0.518643	0.068346	0.385632	0.972621	0.581621	0.001605	0.388762	0.971988	2.775114	0.270991	2.094805	5.14091	1.943335	0.671274	3.276579	11.0321	3.962889	0.394725	2.292263	6.649877	1.943335	0.671274	3.276579	12.54106	60.60432	2.105562	26.12674	88.83661	0.169199	0.000707	0.002046	0.171953	0.800318	1834.125
0	1.096081	0.160774	1.045032	2.301887	7564.608	55.3899	0	7619.998	0.189877	0.001969	0	0.191846	1.186542	0.008688	0	1.19523	4.08795	0.042381	0	4.13033	0	0	0	4.13033	4.653859	0.048248	0	4.702106	0	0	0	4.702106	13.53781	0.351273	0	13.88908	0.071362	0.000523	0	0.071884	0.581983	677.6843
0.00083	0.006916	0.020797	0.23657	0.264283	2713.733	11.41193	32.00733	2757.152	0.054264	0.009705	0.051298	0.115266	0.071223	0.00023	0.057617	0.12907	0.278989	0.037621	0.271492	0.588102	0.226751	0.076557	0.377319	1.268728	0.402549	0.05486	0.297184	0.754593	0.226751	0.076557	0.377319	1.43522	6.353476	0.292204	3.654892	10.30057	0.026795	0.000113	0.000316	0.027223	0.116459	290.3768
0	0.293592	0.04709	0.357096	0.697778	2777.12	24.87417	0	2801.994	0.050298	0.000556	0	0.050854	0.435603	0.003902	0	0.439505	1.082893	0.011973	0	1.094866	0	0	0	1.094866	1.232802	0.013631	0	1.246432	0	0	0	1.246432	3.407869	0.099239	0	3.507108	0.026198	0.000235	0	0.026433	0.230059	249.1953
0.008774	0.018312	0.017002	0.051005	0.086319	882.3362	0	102.6382	984.9745	1.274259		0	0.41051	1.684769	0.237222	0	0.020668	0.25789	9.529724	0	3.239181	12.76891	4.015264	5.312902	5.449156	27.54623	10.87568	0	3.516748	14.39242	4.015264	5.312902	5.449156	29.16975	102.0783	0	13.30345	115.3817	0.008712	0	0.001013	0.009725	0.032713	103.7352
0.074579	0.395741	1.156791	1.336918	2.889449	75358.4	0	2746.962	78105.37	2.520351		0	4.523926	7.044277	3.791238	0	1.444884	5.236122	12.81836	0	25.79216	38.61052	8.099314	3.034637	7.456956	57.20143	17.74888	0	28.23307	45.98195	8.099314	3.034637	7.456956	64.57286	459.1675	0	186.0233	645.1908	0.744068	0	0.027123	0.771191	4.72827	8225.875
0	0.019386	0.005388	0.005609	0.030383	324.281	0	0	324.281	0.00132		0	0.00132	0.050865	0	0	0.050865	0.028427	0	0	0.028427	0	0	0	0.028427	0.032363	0	0	0.032363	0	0	0	0.032363	0.239987	0	0	0.239987	0.003059	0	0	0.003059	0.002088	28.83993
3.03E-05	0.005589	0.014903	0.054827	0.075319	2345.147	0	0.675927	2345.823	0.087659		0	0.001169	0.088828	0.072401	0	0.000459	0.07286	0.548779	0	0.007477	0.556257	1.075201	0.445839	0.007646	2.084942	0.697927	0	0.008142	0.706069	1.075201	0.445839	0.007646	2.234755	17.48743	0	0.07558	17.56301	0.023155	0	6.67E-06	0.023162	0.052092	247.0566
0	0.067709	0.005146	0.014131	0.086986	335.2966	0	0	335.2966	0.002038		0	0.002038	0.052593	0	0	0.052593	0.043867	0	0	0.043867	0	0	0	0.043867	0.049939	0	0	0.049939	0	0	0	0.049939	0.173509	0	0	0.173509	0.003163	0	0	0.003163	0.012703	29.8196
0.00386	0.012444	0.029332	0.107761	0.149537	4582.035	33.14334	80.37709	4695.556	0.20061	0.011971	0.128802	0.341383	0.201771	0.000276	0.033139	0.235187	1.231393	0.057964	0.995794	2.285151	0.354228	0.167499	0.798158	3.605036	1.639188	0.081194	1.083775	2.804158	0.354228	0.167499	0.798158	4.124043	32.26806	0.826739	8.711849	41.80665	0.045242	0.000327	0.000794	0.046363	0.105788	494.525
0	3.532149	0.128997	0.476496	4.137643	12508.07	704.2586	0	13212.33	0.258739	0.021027	0	0.279767	1.961947	0.110466	0	2.072413	5.570581	0.452716	0	6.023297	0	0	0	6.023297	6.341683	0.515383	0	6.857065	0	0	0	6.857065	15.74074	3.328509	0	19.06925	0.117921	0.006639	0	0.12456	0.512147	1175.039
0	1.58E-05	0.000272	0.000999	0.001287	20.78995	2.221848	0	23.0118	0.011358	0.008834	0	0.020192	0.00427	0.000456	0	0.004727	0.000162	0.000126	0	0.000289	0	0	0	0.000289	0.011591	0.009016	0	0.020607	0	0	0	0.020607	0.061497	0.008991	0	0.070488	0	0	0	0	0.024022	2.679989
0.000233	0.001215	0.011682	0.043121	0.056019	1794.315	7.048209	13.1076	1814.471	0.032042	0.003355	0.017609	0.053006	0.049827	8.44E-05	0.010499	0.060411	0.162376	0.013293	0.106578	0.282247	0.036107	0.014588	0.043695	0.376637	0.230393	0.019283	0.116413	0.36609	0.036107	0.014588	0.043695	0.460479	4.31436	0.102512	1.730718	6.14759	0.017717	6.96E-05	0.000129	0.017916	0.043618	191.0958
0	0.298312	0.008194	0.045286	0.351791	956.5183	34.42079	0	990.9391	0.027564	0.00169	0	0.029254	0.150034	0.005399	0	0.155433	0.593438	0.036383	0	0.629821	0	0	0	0.629821	0.675585	0.041419	0	0.717004	0	0	0	0.717004	1.687123	0.183714	0	1.870837	0.009018	0.000325	0	0.009342	0.035716	88.12915
0	1.03E-05	0.000235	0.000869	0.001115	18.56254	0.419618	0	18.98216	0.010628	0.001668	0	0.012297	0.003813	8.62E-05	0	0.003899	0.000152	2.38E-05	0	0.000176	0	0	0	0.000176	0.010847	0.001703	0	0.01255	0	0	0	0.01255	0.054405	0.001698	0	0.056103	0	0	0	0	0.020759	2.21069
8.32E-05	0.002015	0.001824	0.010399	0.014237	214.7941	13.34716	1.510686	229.659	0.04047	0.010068	0.00336	0.053898	0.020623	0.0003	0.000785	0.021707	0.280708	0.050451	0.024718	0.355877	0.031479	0.01425	0.026552	0.428158	0.351139	0.071141	0.026918	0.449198	0.031479	0.01425	0.026552	0.5218	7.023431	0.382887	0.31335	7.719669	0.002121	0.000132	1.49E-05	0.002268	0.008768	24.18641
0	0.16478	0.005701	0.021645	0.192126	582.5667	52.66359	0	635.2302	0.014065	0.001266	0	0.015331	0.091378	0.008261	0	0.099639	0.30282	0.027263	0	0.330082	0	0	0	0.330082	0.344702	0.031036	0	0.375774	0	0	0	0.375774	0.76371	0.206663	0	0.970374	0.005492	0.000496	0	0.005989	0.019129	56.49419
0	0.000117	0.000294	0.001137	0.001548	42.03483	4.693526	0	46.72836	0.121664	0.018661	0	0.140325	0.008634	0.000964	0	0.009598	0.001738	0.000267	0	0.002005	0	0	0	0.002005	0.124167	0.019045	0	0.143212	0	0	0	0.143212	0.439324	0.018993	0	0.458317	0	0	0	0	0.025995	5.442055
1.43E-06	6.6E-05	0.002308	0.022342	0.024715	374.2847	0	0.884317	375.1691	0.001257		0	0.001062	0.002319	0.004251	0	0.000806	0.005058	0.004581	0	0.004568	0.009149	0.001819	0.00051	0.001016	0.012493	0.006684	0	0.005001	0.011685	0.001819	0.00051	0.001016	0.01503	0.10315	0	0.07828	0.181431	0.003696	0	8.73E-06	0.003704	0.009663	39.51193
0	0.006991	0.014808	0.051382	0.073181	790.3035	0	0	790.3035	0.0031		0	0.0031	0.123963	0	0	0.123963	0.066736	0	0	0.066736	0	0	0	0.066736	0.075974	0	0	0.075974	0	0	0	0.075974	0.38328	0	0	0.38328	0.007455	0	0	0.007455	0.016504	70.28562
0	0	1.84E-06	7.69E-06	9.54E-06	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.008421	0.024503	0.082127	0.11505	1457.777	0	0	1457.777	4.342128		0	4.342128	0.299432	0	0	0.299432	0.697685	0	0	0.697685	0	0	0	0.697685	5.155752	0	0	5.155752	0	0	0	5.155752	15.85118	0	0	15.85118	0	0	0	0	0.725503	169.7749
0.000451	0.001432	0.004258	0.023215	0.028905	533.9782	0	6.810766	540.7889	0.070452		0	1.78E-06	0.070453	0.049588	0	0.000505	0.050093	0.502665	0	9.42E-06	0.502675	0.029088	0.017745	0.064429	0.613937	0.640242	0	1.03E-05	0.640252	0.029088	0.017745	0.064429	0.751515	17.93039	0	0.2422	18.17259	0.005297	0	6.76E-05	0.005365	0.008764	57.22049
0	14.88747	1.418213	3.809435	20.11511	66622.69	2626.076	0	69248.76	1.066112	0.087588	0	1.1537	10.45781	0.412217	0	10.87002	22.9531	1.885742	0	24.83885	0	0	0	24.83885	26.13036	2.146774	0	28.27713	0	0	0	28.27713	85.56305	9.117847	0	94.6809	0.628555	0.024776	0	0.653331	3.154159	6163.201
0	0.003639	0.016706	0.072351	0.092695	745.4175	50.93422	0	796.3517	1.620383	0.172024	0	1.792407	0.152236	0.010402	0	0.162639	0.088578	0.0048	0	0.093378	0	0	0	0.093378	1.728261	0.178231	0	1.906493	0	0	0	1.906493	6.623277	0.37788	0	7.001157	0	0	0	0	0.36845	92.21459
0.240721	1.299533	4.065162	3.930559	9.295254	169883.2	0	6129.898	176013.1	6.030758		0	10.24579	16.27655	7.13949	0	3.10504	10.24453	29.98688	0	56.32241	86.30929	34.41031	13.08413	31.10859	164.9123	41.63218	0	61.63802	103.2702	34.41031	13.08413	31.10859	181.8732	1144.893	0	514.9035	1659.796	1.685211	0	0.060807	1.746018	15.45693	18623.82
0	0.137992	0.025443	0.02396	0.187394	845.7697	0	0	845.7697	0.009429		0	0.009429	0.132761	0	0	0.132761	0.203004	0	0	0.203004	0	0	0	0.203004	0.231106	0	0	0.231106	0	0	0	0.231106	1.699127	0	0	1.699127	0.007985	0	0	0.007985	0.009859	75.27425
0	0	0.008933	0.004872	0.013805	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000156	0.000844	0.011836	0.005756	0.018436	231.721	0	9.216715	240.9377	0.000802		0	0.00545	0.006252	0.001001	0	0.002754	0.003755	0.002495	0	0.021787	0.024281	0.019962	0.004978	0.004716	0.053937	0.00364	0	0.023854	0.027494	0.019962	0.004978	0.004716	0.05715	0.37637	0	0.167034	0.543404	0.002299	0	9.14E-05	0.00239	0.016034	25.49344
0.05104	0.302748	0.385234	0.460393	1.148374	18987.59	0	815.2392	19802.83	1.488313		0	1.610508	3.098821	1.443797	0	0.393771	1.837568	8.552571	0	9.553187	18.10576	7.719401	2.87354	7.451266	36.14997	11.2314	0	10.45119	21.68259	7.719401	2.87354	7.451266	39.72679	256.6121	0	95.82551	352.4376	0.188353	0	0.008087	0.19644	1.93806	2095.323
0	0.013997	0.000655	0.000838	0.01549	38.28609	0	0	38.28609	0.000856		0	0.000856	0.00601	0	0	0.00601	0.018425	0	0	0.018425	0	0	0	0.018425	0.020975	0	0	0.020975	0	0	0	0.020975	0.115368	0	0	0.115368	0.000361	0	0	0.000361	0.000254	3.407496
0	0	0.000452	0.000248	0.0007	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.081383	0.480127	1.464492	1.681454	3.626073	80380.48	0	2907.002	83287.48	2.663511		0	4.424946	7.088457	3.985521	0	1.60912	5.594641	13.60602	0	24.43978	38.0458	11.37069	4.202733	10.19024	63.80946	18.71219	0	26.75115	45.46334	11.37069	4.202733	10.19024	71.227	520.9627	0	222.1933	743.1559	0.79736	0	0.028837	0.826197	5.714961	8812.588
0	0.003831	0.001726	0.001799	0.007357	79.43827	0	0	79.43827	0.000335		0	0.000335	0.012469	0	0	0.012469	0.007217	0	0	0.007217	0	0	0	0.007217	0.008216	0	0	0.008216	0	0	0	0.008216	0.048035	0	0	0.048035	0.00075	0	0	0.00075	0.000669	7.070076
0.007331	0.058172	0.139081	1.356037	1.553289	16337.66	69.66074	200.775	16608.1	0.463453	0.067012	0.376671	0.907136	0.532945	0.001575	0.389394	0.923914	2.476083	0.265299	2.037678	4.77906	1.890426	0.647429	3.105898	10.42281	3.53185	0.38645	2.229786	6.148086	1.890426	0.647429	3.105898	11.79184	54.32404	2.060325	25.08183	81.4662	0.162007	0.000691	0.001992	0.164749	0.77414	1757.291
0	1.056208	0.159934	1.039569	2.255711	7620.88	55.83418	0	7676.714	0.186796	0.001986	0	0.188782	1.196254	0.008764	0	1.205019	4.021614	0.042752	0	4.064367	0	0	0	4.064367	4.578341	0.048671	0	4.627011	0	0	0	4.627011	13.22024	0.354353	0	13.57459	0.071946	0.000527	0	0.072473	0.707558	683.2343
0.00078	0.006439	0.020869	0.237389	0.264697	2678.738	11.4683	32.05163	2722.258	0.0494	0.009848	0.051488	0.110736	0.066693	0.000234	0.059403	0.126331	0.253072	0.038071	0.270972	0.562115	0.226054	0.075401	0.363934	1.227505	0.365087	0.055519	0.29662	0.717226	0.226054	0.075401	0.363934	1.382615	5.832879	0.295547	3.641612	9.770037	0.026533	0.000114	0.000318	0.027004	0.116919	288.0402
0	0.285272	0.048348	0.36664	0.700259	2885.11	25.80608	0	2910.916	0.050094	0.000576	0	0.05067	0.452878	0.004051	0	0.456928	1.078491	0.012409	0	1.0909	0	0	0	1.0909	1.227791	0.014127	0	1.241918	0	0	0	1.241918	3.351244	0.102855	0	3.454099	0.027237	0.000244	0	0.027481	0.289718	259.0741
0.008585	0.017769	0.017135	0.051405	0.086808	876.6495	0	100.9176	977.5671	1.211425		0	0.402511	1.613936	0.229399	0	0.020196	0.249595	8.985069	0	3.165594	12.15066	3.976771	5.406124	5.552106	27.08566	10.28953	0	3.437129	13.72666	3.976771	5.406124	5.552106	28.66167	96.5451	0	13.34657	109.8917	0.008696	0	0.001001	0.009697	0.033548	103.4357
0.06949	0.366833	1.135121	1.318921	2.820875	73050.89	0	2672.052	75722.94	2.342134		0	4.345016	6.68715	3.551954	0	1.397584	4.949539	11.85368	0	24.71943	36.57311	8.147868	3.014345	7.215741	54.95107	16.44772	0	27.05922	43.50694	8.147868	3.014345	7.215741	61.8849	428.8668	0	176.0392	604.906	0.724652	0	0.026506	0.751158	4.508789	8012.19
0	0.018543	0.006523	0.006787	0.031853	387.4491	0	0	387.4491	0.001317		0	0.001317	0.060818	0	0	0.060818	0.028352	0	0	0.028352	0	0	0	0.028352	0.032277	0	0	0.032277	0	0	0	0.032277	0.261343	0	0	0.261343	0.003658	0	0	0.003658	0.002528	34.48331
2.72E-05	0.004998	0.01412	0.05195	0.071069	2209.95	0	0.633309	2210.584	0.077592		0	0.001088	0.07868	0.065608	0	0.000449	0.066058	0.482328	0	0.006866	0.489194	1.01212	0.410846	0.0071	1.91926	0.614512	0	0.007477	0.621989	1.01212	0.410846	0.0071	2.052056	15.24391	0	0.071095	15.31501	0.021922	0	6.28E-06	0.021929	0.049656	233.9002
0	0.064653	0.00511	0.014034	0.083798	333.0798	0	0	333.0798	0.002003		0	0.002003	0.052284	0	0	0.052284	0.043126	0	0	0.043126	0	0	0	0.043126	0.049096	0	0	0.049096	0	0	0	0.049096	0.169604	0	0	0.169604	0.003144	0	0	0.003144	0.015773	29.64439
0.003438	0.011101	0.029981	0.110089	0.154609	4649.478	33.08345	77.34537	4759.907	0.180976	0.01233	0.121269	0.314575	0.185851	0.000292	0.033955	0.220098	1.101759	0.058151	0.924014	2.083923	0.332981	0.150344	0.741485	3.308734	1.472741	0.081918	1.005893	2.560552	0.332981	0.150344	0.741485	3.785362	28.76256	0.832261	8.629139	38.22396	0.046122	0.000328	0.000767	0.047217	0.108727	503.6423
0	3.095687	0.139276	0.514447	3.749411	13320.33	712.8787	0	14033.21	0.231205	0.014915	0	0.246119	2.0909	0.111902	0	2.202801	4.977776	0.321109	0	5.298885	0	0	0	5.298885	5.666819	0.365559	0	6.032378	0	0	0	6.032378	14.4827	2.724364	0	17.20707	0.125671	0.006726	0	0.132397	0.702928	1248.968
0	1.78E-05	0.000309	0.001136	0.001463	23.80233	2.452178	0	26.25451	0.01302	0.009712	0	0.022732	0.004861	0.000501	0	0.005362	0.000186	0.000139	0	0.000325	0	0	0	0.000325	0.013288	0.009912	0	0.0232	0	0	0	0.0232	0.07	0.009885	0	0.079885	0	0	0	0	0.027319	3.040175
0.000218	0.001146	0.012031	0.044418	0.057596	1839.598	7.257661	13.28056	1860.136	0.030004	0.003507	0.017573	0.051084	0.046535	8.98E-05	0.011021	0.057647	0.152188	0.013762	0.104908	0.270859	0.036985	0.014373	0.043598	0.365814	0.216186	0.01998	0.114607	0.350773	0.036985	0.014373	0.043598	0.445729	3.950602	0.106174	1.740067	5.796843	0.018248	7.2E-05	0.000132	0.018452	0.044934	196.8196
0	0.28204	0.008827	0.048155	0.339023	1014.683	32.52365	0	1047.207	0.025993	0.001428	0	0.027421	0.159275	0.005105	0	0.164381	0.559622	0.030743	0	0.590365	0	0	0	0.590365	0.637087	0.034998	0	0.672085	0	0	0	0.672085	1.59372	0.164304	0	1.758024	0.009573	0.000307	0	0.00988	0.052902	93.20231
0	1.21E-05	0.000271	0.001009	0.001292	21.94487	0.423746	0	22.36861	0.012802	0.001676	0	0.014478	0.004482	8.65E-05	0	0.004568	0.000183	2.39E-05	0	0.000207	0	0	0	0.000207	0.013066	0.00171	0	0.014776	0	0	0	0.014776	0.063784	0.001705	0	0.06549	0	0	0	0	0.023938	2.590203
1.92E-05	0.000527	0.00164	0.009387	0.011554	185.7065	12.34125	1.219066	199.2668	0.011189	0.010361	0.001607	0.023157	0.010684	0.000345	0.000911	0.011941	0.062709	0.047086	0.00999	0.119785	0.013346	0.004098	0.010676	0.147905	0.088962	0.068585	0.010931	0.168478	0.013346	0.004098	0.010676	0.196598	1.538094	0.365498	0.258927	2.162519	0.001842	0.000122	1.21E-05	0.001977	0.009087	21.08427
0	0.125146	0.006042	0.022926	0.154113	615.0712	53.59467	0	668.6659	0.010639	0.000896	0	0.011535	0.096548	0.008413	0	0.104961	0.229059	0.019289	0	0.248348	0	0	0	0.248348	0.260766	0.021959	0	0.282725	0	0	0	0.282725	0.575866	0.152632	0	0.729498	0.005803	0.000506	0	0.006309	0.023229	59.51185
0	0.000172	0.000434	0.001678	0.002284	62.94469	6.520367	0	69.46506	0.181941	0.025924	0	0.207865	0.012855	0.001332	0	0.014187	0.0026	0.00037	0	0.00297	0	0	0	0.00297	0.185684	0.026458	0	0.212142	0	0	0	0.212142	0.657869	0.026385	0	0.684254	0	0	0	0	0.038296	8.043798
1.48E-06	6.45E-05	0.002452	0.023685	0.026201	393.8542	0	0.973867	394.8281	0.001296		0	0.001175	0.002471	0.004477	0	0.000878	0.005355	0.004762	0	0.005048	0.00981	0.001954	0.000548	0.001061	0.013373	0.006949	0	0.005527	0.012475	0.001954	0.000548	0.001061	0.016039	0.112456	0	0.0872	0.199655	0.003907	0	9.66E-06	0.003917	0.01022	41.77647
0	0.006241	0.014159	0.04866	0.069059	740.6057	0	0	740.6057	0.002844		0	0.002844	0.116253	0	0	0.116253	0.061233	0	0	0.061233	0	0	0	0.061233	0.069709	0	0	0.069709	0	0	0	0.069709	0.344059	0	0	0.344059	0.006992	0	0	0.006992	0.017876	65.91456

0	0	0.000103	0.000167	0.000269	0	0	0	0	0	0	0	0	0
0	0.007978	0.028074	0.093946	0.129998	1754.702	0	0	1754.702	4.399823	0	0	4.399823	0.358362
0.000273	0.000866	0.002677	0.014167	0.01771	333.8542	0	4.171876	338.0261	0.039731	0	2.13E-06	0.039733	0.029391
0	9.315519	1.422997	3.696936	14.43545	66907.02	3148.912	0	70055.93	0.675084	0.077884	0	0.752968	10.50448
0	0.003556	0.018477	0.079504	0.101538	806.6298	58.6186	0	865.2484	1.749175	0.201205	0	1.95038	0.164437
0.220242	1.203951	4.180108	4.039073	9.423132	171617.4	0	6037.7	177655.1	5.312823	0	9.602256	14.91508	6.495135
0	0.12337	0.031038	0.029078	0.183486	1000.743	0	0	1000.743	0.008726	0	0	0.008726	0.157118
0	0	0.013702	0.007459	0.021161	0	0	0	0	0	0	0	0	0
0.000395	0.002092	0.02273	0.011058	0.03588	443.5143	0	17.61438	461.1287	0.001537	0	0.010493	0.012029	0.00192
0.042864	0.258414	0.383764	0.457159	1.099336	18580.07	0	770.1821	19350.26	1.212057	0	1.474821	2.686878	1.283424
0	0.012148	0.000573	0.000738	0.013459	33.34161	0	0	33.34161	0.000742	0	0	0.000742	0.005235
0	0	0.000722	0.000394	0.001116	0	0	0	0	0	0	0	0	0
0.077581	0.459643	1.520357	1.744079	3.724078	81783.14	0	2909.711	84692.86	2.451456	0	4.263586	6.715043	3.709451
0	0.004461	0.002937	0.003051	0.010449	131.8954	0	0	131.8954	0.000445	0	0	0.000445	0.020708
0.009968	0.065019	0.135772	1.323781	1.524573	15859.47	69.67592	210.2226	16139.37	0.515684	0.066631	0.419054	1.001368	0.516645
0	1.022838	0.159293	1.035406	2.217537	7669.82	56.08383	0	7725.904	0.184136	0.001996	0	0.186132	1.204171
0.000688	0.005806	0.021034	0.239266	0.266107	2655.748	11.43384	31.76236	2698.944	0.043624	0.009935	0.050615	0.104174	0.061533
0	0.278132	0.050464	0.382686	0.711283	3041.985	26.8307	0	3068.816	0.050071	0.000599	0	0.05067	0.477595
0.008603	0.017762	0.017422	0.052267	0.087451	880.5965	0	99.27853	979.875	1.161076	0	0.394102	1.555179	0.224029
0.068757	0.363902	1.171415	1.363005	2.898322	74404.16	0	2705.998	77110.16	2.279308	0	4.2875	6.566809	3.425787
0	0.018227	0.008628	0.0089	0.035755	502.3496	0	0	502.3496	0.001382	0	0	0.001382	0.078869
2.4E-05	0.004497	0.013816	0.050823	0.069137	2153.243	0	0.597233	2153.84	0.06897	0	0.001008	0.069978	0.060663
0	0.062295	0.00509	0.01398	0.081365	331.9746	0	0	331.9746	0.00198	0	0	0.00198	0.05212
0.002933	0.009851	0.031105	0.114158	0.155115	4780.858	33.31152	74.32833	4888.498	0.166552	0.012794	0.111988	0.291334	0.178555
0	2.749471	0.139838	0.516524	3.405833	13387.8	720.1995	0	14108	0.206356	0.01363	0	0.219986	2.101901
0	2.17E-05	0.000375	0.001378	0.001775	28.63934	3.030785	0	31.67012	0.01579	0.012071	0	0.027861	0.005838
0.000212	0.001127	0.01108	0.04092	0.053127	1688.261	6.99277	12.7902	1708.044	0.028485	0.003354	0.016948	0.048786	0.043732

0	0.003679	0.029875	0.123336	0.15689	1215.582	97.7253	0	1313.307	2.608616	0.353921	0	2.962537	0.247804	0.019922	0	0.267726	0.090185	0.006883	0	0.097068	0	0	0	0.097068	2.722569	0.363283	0	3.085852	0	0	0	3.085852	12.34641	0.718149	0	13.06456	0	0	0	0	0.674471	151.7983
0.188057	1.140994	4.604744	4.431915	10.17765	181211.4	0	5792.579	187004	3.497513	0	7.732125	11.22964	4.837729	0	2.820437	7.658167	15.69272	0	39.40267	55.09539	28.74842	9.129969	22.06949	115.0433	22.47326	0	43.13553	65.60878	28.74842	9.129969	22.06949	125.5567	776.5	0	363.9603	1140.46	1.792438	0	0.057297	1.849734	16.68971	19730.11
0	0.083026	0.019745	0.018789	0.121559	632.0894	0	632.0894	0.005908	0	0.005908	0.099413	0	0.099413	0.127193	0	0.127193	0	0	0	0.127193	0.1448	0	0.1448	0	0	0	0.1448	1.190258	0	1.190258	0.005979	0	0.005979	0.007651	56.36638							
0	0.049246	0.026834	0.07608	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.001509	0.007859	0.05561	0.027037	0.090506	1087.535	0	42.115	1129.65	0.003737	0	0.025513	0.029251	0.004694	0	0.012888	0.017582	0.011619	0	0.101952	0.113571	0.086194	0.0232	0.022099	0.245065	0.016954	0	0.111625	0.128579	0.086194	0.0232	0.022099	0.260072	1.758736	0	0.78199	2.540726	0.010757	0	0.000417	0.011174	0.114866	119.1853
0.035547	0.222719	0.442709	0.515701	1.181129	20448.87	0	752.31	21201.18	0.906102	0	1.249288	2.15539	1.029784	0	0.353585	1.383369	4.573556	0	7.026554	11.60011	6.652133	2.012467	5.66458	25.92929	6.388539	0	7.691332	14.07987	6.652133	2.012467	5.66458	28.40905	169.3422	0	69.24847	238.5907	0.202268	0	0.007441	0.20971	1.980033	2236.859
0	0.009619	0.000435	0.000569	0.010623	24.95794	0	24.95794	0.000585	0	0.000585	0.003925	0	0.003925	0.012599	0	0.012599	0	0	0	0.012599	0.014344	0	0.014344	0	0	0	0.014344	0.077539	0	0.077539	0.000236	0	0.000236	0.000168	2.225617							
0	0	0.000534	0.000293	0.000826	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
2.87E-07	1.51E-06	8.36E-06	4.06E-06	1.39E-05	0.163712	0	0.006866	0.170578	5.66E-07	0	3.7E-06	4.27E-06	7.17E-07	0	1.87E-06	2.59E-06	1.75E-06	0	1.47E-05	1.65E-05	1.06E-05	2.84E-06	2.93E-06	3.29E-05	2.56E-06	0	1.61E-05	1.87E-05	1.06E-05	2.84E-06	2.93E-06	3.51E-05	0.000264	0	0.000113	0.000378	1.62E-06	0	6.79E-08	1.69E-06	2.38E-05	0.017997
0.074095	0.467206	1.72096	1.962027	4.150193	87978.18	0	2918.947	90897.13	1.859319	0	3.798349	5.657668	3.026227	0	1.477196	4.503423	8.717504	0	19.89533	28.61283	11.68811	3.65364	9.042443	52.99702	12.37305	0	21.78073	34.15378	11.68811	3.65364	9.042443	58.53797	400.6957	0	179.2569	579.9526	0.870229	0	0.028873	0.899101	6.570665	9590.224
0	0.011439	0.006216	0.006523	0.024178	270.0594	0	270.0594	0.00105	0	0.00105	0.042474	0	0.042474	0.022614	0	0.022614	0	0	0	0.022614	0.025745	0	0.025745	0	0	0	0.025745	0.15054	0	0.15054	0.002555	0	0.002555	0.002409	24.08247							
0	0	0.000166	9.12E-05	0.000257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
9.88E-06	5.03E-05	0.000307	0.000149	0.000507	6.006623	0	0.290089	6.296713	2.06E-05	0	0.000141	0.000162	2.6E-05	0	7.12E-05	9.72E-05	6.42E-05	0	0.000564	0.000629	0.000446	0.000115	0.00012	0.001309	9.36E-05	0	0.000618	0.000712	0.000446	0.000115	0.00012	0.001392	0.009708	0	0.004332	0.01404	5.94E-05	0	2.87E-06	6.23E-05	0.000758	0.664343
0.006756	0.053903	0.168218	1.640126	1.862248	18241.71	75.20928	227.8074	18544.73	0.378207	0.074548	0.397436	0.85019	0.437289	0.001822	0.474105	0.913217	2.081041	0.287307	2.114575	4.482923	2.092007	0.660293	3.088185	10.32341	2.8898	0.418055	2.313263	5.621118	2.092007	0.660293	3.088185	11.4616	48.60082	2.247447	27.33847	78.18674	0.180436	0.000744	0.002253	0.183434	0.938168	1956.586
0	0.952855	0.19098	1.241369	2.385204	9528.495	61.679	0	9590.174	0.18218	0.002222	0	0.184403	1.498615	0.009701	0	1.508316	3.922234	0.047844	0	3.970078	0	0	0	3.970078	4.465203	0.054467	0	4.51967	0	0	0	4.51967	12.28621	0.396557	0	12.68277	0.090131	0.000583	0	0.090714	1.698606	855.2009
0.000625	0.005664	0.023363	0.265759	0.294786	2835.688	12.27408	34.00044	2881.962	0.038185	0.01076	0.052814	0.101758	0.056434	0.000263	0.067696	0.124393	0.191126	0.040828	0.270876	0.50283	0.261409	0.076594	0.371368	1.212201	0.277232	0.059562	0.296553	0.633348	0.261409	0.076594	0.371368	1.342719	4.762215	0.318602	3.882	8.962817	0.028049	0.000121	0.000336	0.028507	0.131109	304.0653
0	0.272075	0.064161	0.486558	0.822795	3931.007	31.83162	0	3962.839	0.052283	0.000718	0	0.053	0.618258	0.005006	0	0.623264	1.125617	0.01545	0	1.141067	0	0	0	1.141067	1.28144	0.017589	0	1.299029	0	0	0	1.299029	3.270298	0.128057	0	3.398356	0.037184	0.000301	0	0.037485	0.685372	353.385
0.00753	0.016945	0.01841	0.055229	0.090583	915.0603	0	93.25217	1008.312	1.051769	0	0.359637	1.411406	0.214436	0	0.017643	0.232079	7.473284	0	2.772196	10.24548	3.738178	5.629589	5.822696	25.43594	8.70482	0	3.011216	11.71604	3.738178	5.629589	5.822696	26.9065	81.92463	0	13.22077	95.14539	0.009051	0	0.000922	0.009974	0.038183	106.3834
0.064476	0.366688	1.291793	1.490605	3.149087	79003	0	2706.618	81709.61	1.841454	0	3.769221	5.610675	2.82497	0	1.277289	4.10226	9.180225	0	20.83981	30.02003	9.382779	3.050858	7.321215	49.77489	12.74535	0	22.81278	35.55813	9.382779	3.050858	7.321215	55.31298	358.3166	0	147.2315	505.5481	0.781452	0	0.026772	0.808224	4.973637	8620.883
0	0.022262	0.018165	0.019073	0.0595	1024.366	0	1024.366	0.002032	0	0.002032	0.161109	0	0.161109	0.043737	0	0.043737	0	0	0	0.043737	0.049792	0	0.049792	0	0	0	0.049792	0.592734	0	0.592734	0.00969	0	0.00969	0.007039	91.34751							
0	0	7.17E-05	3.97E-05	0.000111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
6.76E-05	0.000345	0.001988	0.00096	0.003293	38.71745	0	2.224078	40.94153	0.000132	0	0.000902	0.001034	0.000168	0	0.000456	0.000623	0.00041	0	0.003596	0.004006	0.002698	0.000703	0.00075	0.008157	0.000599	0	0.003937	0.004535	0.002698	0.000703	0.00075	0.008687	0.06272	0	0.02759	0.090311	0.000383	0	2.2E-05	0.000405	0.005657	4.319591
1.35E-05	0.00309	0.013063	0.048032	0.064185	2037.756	0	0.479432	2038.236	0.04407	0	0.000729	0.044799	0.046968	0	0.000447	0.047415	0.248078	0	0.004069	0.252147	0.800844	0.268074	0.005223	1.326288	0.331321	0	0.004438	0.335759	0.800844	0.268074	0.005223	1.4099	7.577258	0	0.057178	7.634436	0.020156	0	4.74E-06	0.020161	0.047465	215.0468
0	0.058464	0.005847	0.016068	0.08038	382.1523	0	382.1523	0.002044	0	0.002044	0.060104	0	0.060104	0.044014	0	0.044014	0	0	0	0.044014	0.050107	0	0.050107	0	0	0	0.050107	0.168728	0	0.168728	0.003615	0	0.003615	0.034733	34.07832							
0.001929	0.00766	0.035589	0.130437	0.173686	5378.137	34.93189	69.99551	5483.064	0.131604	0.014371	0.095738	0.241714	0.154323	0.000367	0.038431	0.193122	0.749869	0.06185	0.666245	1.477964	0.282747	0.097126	0.590029	2.447866	1.036645	0.089088	0.726539	1.852272	0.282747	0.097126	0.590029	2.822173	18.69249	0.897677	8.907244	28.49741	0.053197	0.000346	0.000692	0.054235	0.131472	578.4981
0	2.144539	0.154699	0.571409	2.870647	14833.96	754.2857	0	15588.24	0.163884	0.011036	0	0.17492	2.333043	0.118632	0	2.451675	3.528381	0.237597	0	3.765978	0	0	0	3.765978	4.016794	0.270486	0	4.28728	0	0	0	4.28728	10.39891	2.538731	0	12.93764	0.140225	0.00713	0	0.147355	1.449165	1390.077
0	6.74E-05	0.000875	0.003226	0.004169	66.47121	6.715672	0	73.18688	0.040576	0.02669	0	0.067266	0.013551	0.001369	0	0.01492	0.00058	0.000381	0	0.000961	0	0	0	0.000961	0.041411	0.027239	0	0.06865	0	0	0	0.06865	0.197604	0.030318	0	0.227921	0	0	0	0	0.077291	8.459287
0.000177	0.001035	0.011284	0.041676	0.053995	1713.218	7.422376	13.18333	1733.823	0.024444	0.003606	0.017082	0.045132	0.038568	9.35E-05	0.011393	0.050055	0.123806	0.014102	0.100026	0.237935	0.04551	0.014783	0.050698	0.348926	0.177123	0.020521	0.10933	0.306975	0.04551	0.014783	0.050698	0.417965	3.042298	0.109017	1.756081	4.907396	0.016946	7.34E-05	0.00013	0.01715	0.042184	182.9294
0	0.266057	0.009786	0.050462	0.326305	1143.857	35.98161	0	1179.839	0.02461	0.001261	0	0.02587	0.179903	0.005659	0	0.185562	0.529838	0.027139	0	0.556977	0	0	0	0.556977	0.603181	0.030895	0	0.634076	0	0	0	0.634076	1.444461	0.185365	0	1.629827	0.010813	0.00034	0	0.011153	0.096666	105.2118
0	1.83E-05	0.000364	0.001349	0.001731	28.60386	0.538664	0	29.14252	0.017009	0.002161	0	0.019169	0.005831	0.00011	0	0.005941	0.000243	3.09E-05	0	0.000274	0	0	0	0.000274	0.017358	0.002205	0	0.019564	0	0	0	0.019564	0.084235	0.002247	0	0.086482	0	0	0	0	0.032147	3.368431
5.03E-05	0.001324	0.002402	0.013717	0.017444	270.8297	16.42339	1.656975	288.9101	0.027524	0.01378	0.003032	0.044336	0.018233	0.00045	0.001226	0.019909	0.177786	0.063535	0.020797	0.262117	0.024944	0.008957	0.019991	0.316009	0.233427	0.091668	0.022682	0.347777	0.024944	0.008957	0.019991	0.401669	4.192359	0.489393	0.329019	5.010771	0.002679	0.000162	1.64E-05	0.002858	0.012676	30.48185
0	0.027621	0.006232	0.02361	0.057462	629.1494	50.49525	0	679.6446	0.002767	0.000214	0	0.00298	0.098951	0.007942	0	0.106893	0.059564	0.004602	0	0.064166	0	0	0	0.064166	0.067809	0.005239	0	0.073048	0	0	0	0.073048	0.156768	0.066952	0	0.22372	0.005947	0.000477	0	0.006425	0.042303	60.60711
0	0.00039	0.00099	0.003834	0.005215	139.8296	12.49676	0	152.3263	0.405667	0.049067	0	0.454734	0.028505	0.002548	0	0.031053	0.005796	0.000701	0	0.006497	0	0	0	0.006497	0.414013	0.050076	0	0.464089	0	0	0	0.464089	1.454464	0.055176	0	1.50964	0	0	0	0	0.087487	17.6066
3.32E-06	0.000173	0.002698	0.026933	0.029803	403.3199	0	1.055017	404.3749	0.001126	0	0.00131	0.002436	0.004163	0	0.00109	0.005253	0.003833	0	0.005508	0.009341	0.00243	0.000725	0.001321	0.013818	0.005593	0	0.006031	0.011624	0.00243	0.000725	0.001321	0.0161	0.126843	0	0.101578	0.22842	0.003989	0	1.04E-05	0.004	0.011988	42.66412
0	0.005391	0.013847	0.048359	0.067597	649.2528	0	649.2528	0.002289	0	0.002289	0.102113	0	0.102113	0.049282	0	0.049282	0	0	0	0.049282	0.056104	0	0.056104	0	0	0	0.056104	0.19844	0	0.19844	0.006141	0	0.006141	0.049347	57.89692							
0	0	0.000139	0.000275	0.000414	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002836	0.028516	0.097427	0.128779	1911.333	0	1911.333	2.867791	0	2.867791	0.389638	0	0.389638	0.319802	0	0.319802	0	0	0	0.319802	3.244446	0	3.244446	0	0	0	3.244446	21.40051	0	21.40051	0	0	0	0.862111	220.921							
8.92E-05	0.000296	0.000429	0.002289	0.003014	55.71824	0	1.252476	56.97072	0.013277	0	5.25E-07	0.013277	0.006328	0	0.000193	0.00652	0.107326	0	2.78E-06	0.107329	0.007648	0.003556	0.017372	0.135905	0.132008	0	3.05E-06	0.132011	0.007648	0.003556	0.017372	0.160587	3.528576	0	0.032432	3.561008	0.000552	0	1.24E-05	0.000564	0.000742	6.018337
0	4.653843	1.531821	3.614889	9.800553	71729.91	4463.789	0	76193.7	0.312099	0.089151	0	0.40125	11.28536	0.702294	0	11.98766	6.719401	1.919402	0	8.638803	0	0	0	8.638803	7.649526	2.185094	0	9.83462	0	0	0	9.83462	25.12771	20.9879	0	46.11561	0.678295	0.042211	0	0.720506	7.060009	6796.89
0	0.0036	0.032238	0.131956	0.167794	1280.902	110.8093	0	1391.711	2.506814	0.392042	0	2.898857	0.26112	0.022589	0	0.283709	0.083947	0.007383	0	0.09133	0	0	0	0.09133	2.613223	0.402138	0	3.015361	0	0	0	3.015361	12.21324	0.837264	0	13.0505	0	0	0	0	0.730866	160.8606
0.184882	1.130746	4.574688	4.399309	10.10474	177659.3	0	5629.907	183289.2	2.989642	0	7.163479	10.15312	4.319408	0	2.717924	7.037332	13.05542	0	35.88759	48.94302	27.46539	8.566611	20.63653	105.6115	18.83547	0	39.28939	58.12487	27.46539	8.566611	20.63653	114.7934	696.3981	0	334.0523	1030.45	1.759514	0	0.055758	1.815272	17.08415	19362.52
0	0.070677	0.017061	0.016243	0.10398	543.2866	0	543.2866	0.005054	0	0.005054	0.085476	0	0.085476	0.108808	0	0.108808	0	0	0	0.108808	0.123871	0	0.123871	0	0	0	0.123871	1.038395	0	1.038395	0.005141	0	0.005141	0.006611	48.4641							
0	0	0.069704	0.037985	0.107689	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.002102	0.01079	0.070207	0.034136	0.115133	1369.319	0	53.38507	1422.704	0.004698	0	0.03247	0.037168	0.005906	0	0.016386	0.022292	0.014619	0	0.12989	0.144509	0.104211	0.029811	0.027841	0.306372	0.021332	0	0.142213	0.163545	0.104211	0.029811	0.027841	0.325408	2.215335	0	0.996331	3.211666	0.013562	0	0.000529	0.01409	0.1598	150.2932
0.032502	0.203712	0.434432	0.505719	1.143864	19820.28	0	719.458	20539.74	0.774521	0	1.152297	1.926818	0.922555	0	0.337197	1.259751	3.756215	0	6.405102	10.16132	6.334963	1.834288	5.28397	23.61454	5.354413	0	7.011896	12.36631	6.334963	1.834288	5.28397	25.81953	149.2804	0	63.00162	212.282	0.196297	0	0.007125	0.203423	1.9488	2169.801
0	0.008856	0.000402	0.00053	0.009789	23.13822	0	23.13822	0.00054	0	0.00054	0.00364	0	0.00364	0.011623	0	0.011623	0	0	0	0.011623	0.013232	0	0.013232	0	0	0	0.013232	0.071324	0	0.071324	0.000219	0	0.000219	0.000156	2.064054							
0	0	0.000504	0.000277	0.000782	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
2.96E-07	1.51E-06	8.34E-06	4.05E-06	1.39E-05	0.16259	0	0.007067	0.169657	5.59E-07	0	3.81E-06	4.37E-06	7.08E-07	0	1.92E-06	2.63E-06	1.74E-06	0	1.52E-05	1.69E-05	1.09E-05	2.92E-06	3.02E-06	3.38E-05	2.53E-06	0	1.66E-05	1.92E-05	1.09E-05	2.92E-06	3.02E-06	3.61E-05	0.000263	0	0.000117	0.000379	1.61E-06	0	7E-08	1.68E-06	2.37E-05	0.017922
0.075182	0.480265	1.787341	2.029177	4.296782	89359.38	0	2922.122	92281.5	1.637495	0	3.615207	5.252703	2.741334	0	1.435951	4.177285	7.459598	0	18.61194	26.07154	11.50583	3.487298	8.728412	49.79308	10.68597	0	20.37646	31.06243	11.50583	3.487298	8.728412	54.78397	366.9226	0	168.3291	535.2517	0.885003	0	0.02894	0.913944	7.050929	9748.538
0	0.010844	0.006928	0.007265	0.025037	296.7089	0	296.7089	0.001046	0	0.001046	0.046682	0	0.046682	0.022524	0	0.022524	0	0	0	0.022524	0.025642	0	0.025642	0	0	0	0.025642	0.156604	0	0.156604	0.002808	0	0.002808	0.002684	26.46804							
0	0	0.000136	7.45E-05	0.00021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
3.05E-05	0.000158	0.000873	0.000424	0.001455	17.05576	0	0.794506	17.85027	5.88E-05	0	0.000393	0.000452	7.42E-05	0	0.000199	0.000273	0.000182	0	0.001568	0.00175	0.001053	0.000291	0.000298	0.003392	0.000266	0	0.001717	0.001983	0.001053	0.000291	0.000298	0.003624	0.027601	0	0.012032	0.039634	0.000169	0	7.87E-06	0.000177	0.002376	1.885687
0.005667	0.049147	0.172331	1.680228	1.901706	18283.84	75.32219	233.1737	18592.33	0.322085	0.075335	0.383131	0.78055	0.395524	0.001863	0.485435	0.882822	1.714089	0.287142	1.997589	3.99882	2.003908	0.603545	2.915581	9.521854	2.423272	0.418366	2.185979	5.027617	2.003908	0.603545	2.915581	10.55065	41.25799	2.269998	27.76879	71.29678	0.181081	0.000746	0.002309	0.184136	0.96332	1964.078
0	0.897697	0.191472	1.244567	2.333736	9555.364	61.63811	0	9617.002	0.173924	0.002237	0	0.176161	1.503358	0.009698	0	1.513056	3.744487	0.048153	0	3.79264	0	0	0	3.79264	4.262849	0.054819	0	4.317668	0	0	0	4.317668	11.62473	0.399117	0	12.02384	0.090416	0.000583	0	0.090999	1.859183	857.8886
0.000579	0.005435	0.02383	0.271069	0.300335	2836.043	12.38314	34.25525	2882.682	0.03467	0.010901	0.052185	0.097756	0.052239	0.000269	0.069053	0.121562	0.172496	0.041121	0.265838	0.479455	0.257931	0.074071	0.361628	1.173085	0.250662	0.059995	0.291044	0.601701	0.257931	0.074071	0.361628	1.295331	4.434203	0.323544	3.945865	8.703612	0.028088	0.000123	0.000339	0.02855	0.133776	304.524
0	0.259257	0.065807	0.499039	0.824103	4012.489	32.44197	0	4044.931	0.050651	0.000737	0	0.051388	0.63129	0.005104	0	0.636395	1.090479	0.015872	0	1.106351	0	0	0	1.106351	1.241437	0.018069	0	1.259507	0	0	0	1.259507	3.125554	0.131557	0	3.257112	0.037968	0.000307	0	0.038274	0.757534	360.8297
0.006832	0.015881	0.01789	0.053669	0.08744	882.8494	0	88.18065	971.0301	0.978764	0	0.338117	1.316881	0.203133	0	0.016431	0.219564	6.880133	0	2.593689	9.473821	3.559996	5.486396	5.683291	24.2035	8.049924	0	2.817654	10.86758	3.559996	5.486396	5.683291	25.59726	75.86466	0	12.76201	88.62667	0.008744	0	0.000873	0.009617	0.03751	102.5788
0.064049	0.370226	1.319788	1.517634	3.207648	79369	0	2697.664	82066.66	1.660282	0	3.589188	5.24947	2.598711	0	1.238157	3.836868	8.144222	0	19.64832	27.79255	9.473401	2.969635	7.277368	47.51295	11.37215	0	21.50915	32.8813	9.473401	2.969635	7.277368	52.60171	331.92	0	139.3939	471.3139	0.78606	0	0.026717	0.812777	5.226903	8669.452
0	0.021551	0.019416	0.020482	0.061449	1080.535	0	1080.535	0.002031	0	0.002031	0.170002	0	0.170002	0.043727	0	0.043727	0	0	0	0.043727	0.049781	0	0.049781	0	0	0	0.049781	0.615059	0	0.615059	0.010224	0	0.010224	0.007524	96.38955							
0	0	6.75E-05	3.75E-05	0.000105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.00015	0.000762	0.004213	0.002034	0.007009	81.82915	0	4.703959	86.53311	0.000279	0	0.001917	0.002196	0.000354	0	0.000969	0.001323	0.000867	0	0.007648	0.008515	0.005213	0.001422	0.00148	0.01663	0.001265	0	0.008374	0.009639	0.005213	0.001422	0.00148	0.017754	0.132612	0	0.05869	0.191303	0.00081	0	4.66E-05	0.000857	0.011986	9.141283
1.07E-05	0.002686	0.013089	0.048113	0.063888	2036.034	0	0.448006	2036.482	0.036268	0	0.00061	0.036879	0.042638	0	0.000461	0.0431	0.194112	0	0.003104	0.197216	0.73645	0.235016	0.004745	1.173428	0.26557	0	0.003391	0.268961	0.73645	0.235016	0.004745	1.245172	5.87586	0	0.054036	5.929896	0.020165	0	4.44E-06	0.020169	0.047939	215.1322
0	0.05567	0.006135	0.016859	0.078665	401.4293	0	401.4293	0.00205	0	0.00205	0.063157	0	0.063157	0.044126	0	0.044126	0	0	0	0.044126	0.050234	0	0.050234	0	0	0	0.050234	0.16699	0	0.16699	0.003798	0	0.003798	0.041869	35.80966							
0.001621	0.006808	0.03503	0.12841	0.170249	5253.314	34.10176	66.00297	5353.419	0.115403	0.014318	0.08238	0.212101	0.138524	0.000371	0.037801	0.176696	0.646534	0.060671	0.54146	1.248665	0.264196	0.086271	0.54676	2.145892	0.902377	0.087707	0.591102	1.581186	0.264196	0.086271	0.54676	2.478413	15.95552	0.882948	8.530016	25.34848	0.052028	0.000338	0.000654	0.05302	0.129705	565.5305
0	1.856201	0.150867	0.557089	2.564157	14441.97	750.8424	0	15192.82	0.141971	0.009905	0	0.151876	2.272176	0.118131	0	2.390307	3.056607	0.213246	0	3.269853	0	0	0	3.269853	3.479714	0.242764	0	3.722479	0	0	0	3.722479	9.098636	2.470842	0	11.56948	0.136567	0.0071	0	0.143667	1.550326	1355.281
0	0.000112	0.001149	0.004253	0.005515	88.84856	9.03323	0	97.88179	0.057468	0.03363	0	0.091098	0.018112	0.001841	0	0.019954	0.000821	0.000481	0	0.001302	0	0	0	0.001302	0.05865	0.034322	0	0.092972	0	0	0	0.092972	0.258852	0.046264	0	0.305116	0	0	0	0	0.101499	11.31364
0.000157	0.000942	0.010472	0.03867	0.050084	1578.978	6.991935	12.21547	1598.185	0.020395	0.003434	0.015228	0.039057	0.032361	9E-05	0.010846	0.043298	0.103352	0.013344	0.086728	0.203424	0.043722	0.01381	0.04864	0.309596	0.14816	0.019429	0.094833	0.262422	0.043722	0.01381	0.04864	0.368594	2.517052	0.103194	1.59297	4.213216	0.015638	6.92E-05	0.000121	0.015828	0.039136	168.8309
0	0.239781	0.009514	0.048332	0.297627	1119.507	35.83357	0	1155.34	0.022277	0.001121	0	0.023398	0.176134	0.005638	0	0.181771	0.47962	0.024143	0	0.503763	0	0	0	0.503763	0.546011	0.027485	0	0.573495	0	0	0	0.573495	1.285197	0.18513	0	1.470327	0.010586	0.000339	0	0.010925	0.102573	103.0626
0	2.42E-05	0.000404	0.001498	0.001926	31.83305	0.625076	0	32.45813	0.019476	0.002456	0	0.021932	0.006489	0.000127	0	0.006617	0.000278	3.51E-05	0	0.000313	0	0	0	0.000313	0.019877	0.002506	0	0.022383	0	0	0	0.022383	0.094392	0.00276	0	0.097152	0	0	0	0	0.035663	3.751665
7.05E-05	0.001819	0.003148	0.017974	0.022942	352.5178	20.96234	2.077138	375.5573	0.038256	0.017776	0.003715	0.059748	0.023256	0.000587	0.001601	0.025444	0.252541	0.081963	0.025424	0.359928	0.031805	0.012206	0.025255	0.429193	0.32844	0.11797	0.027724	0.474133	0.031805	0.012206	0.025255	0.543399	5.780917	0.629732	0.392313	6.802962	0.003491	0.000208	2.06E-05	0.003719	0.016332	39.67355
0	0.022402	0.005885	0.022287	0.050574	589.8412	50.2359	0	640.0771	0.002321	0.0002	0	0.002521	0.092801	0.007904	0	0.100704	0.049977	0.0043	0	0.054277	0	0	0	0.054277	0.056894	0.004895	0	0.06179	0	0	0	0.06179	0.133562	0.074893	0	0.208455	0.005578	0.000475	0	0.006053	0.047751	57.09834
0	0.000462	0.001173	0.004533	0.006169	161.0279	15.55073	0	176.5786	0.454214	0.05941	0	0.513624	0.032827	0.00317	0	0.035997	0.00649	0.000849	0	0.007339	0	0	0	0.007339	0.463559	0.060632	0	0.524191	0	0	0	0.524191	1.60292	0.072873	0	1.675793	0	0	0	0	0.103655	20.4098
3.77E-06	0.000212	0.002675	0.026525	0.029412	408.2405	0	1.028516	409.269	0.001142	0	0.001291	0.002433	0.004202	0	0.001051	0.005252	0.003873	0	0.005444	0.009317	0.002344	0.000713	0.001323	0.013697	0.005651	0	0.005961	0.011612	0.002344	0.000713	0.001323	0.015992	0.123238	0	0.099606	0.222844	0.004043	0	1.02E-05	0.004053	0.011731	43.23482
0	0.004711	0.013975	0.048909	0.067595	633.619	0	633.619	0.002147	0	0.002147	0.099688	0	0.099688	0.046224	0	0.046224	0	0	0	0.046224	0.052622	0	0.052622	0	0	0	0.052622	0.158671	0	0.158671	0.005996	0	0.005996	0.058964	56.52224							
0	0	0.000198	0.000372	0.00057	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002507	0.029147	0.099886	0.13154	1962.645	0	1962.645	2.665761	0	2.665761	0.400098	0	0.400098	0.271439	0	0.271439	0	0	0	0.271439	2.986422	0	2.986422	0	0	0	2.986422	22.68464	0	22.68464	0	0	0	0.884776	226.8518							
6.95E-05	0.000238	0.000378	0.002021	0.002636	48.98904	0	1.03843	50.02747	0.011396	0	0	0.011396	0.006126	0	0.000265	0.006391	0.088683	0	0	0.088683	0.007288	0.003026	0.01664	0.115637	0.112048	0	0	0.112048	0.007288	0.003026	0.01664	0.139002	3.08077	0	0.030893	3.111662	0.000485	0	1.03E-05	0.000495	0.000656	5.280453
0	3.744159	1.534525	3.55659	8.835274	71902.01	4444.365	0	76348.36	0.251436	0.087548	0	0.338984	11.318	0.699895	0	12.0179	5.413464	1.884878	0	7.298232	0	0	0	7.298232	6.162692	2.14579	0	8.308482	0	0	0	8.308482	20.45875	21.81188	0	42.27063	0.680257	0.042066	0	0.722323	7.546804	6814.036
0	0.003543	0.035011	0.142694	0.181247	1364.029	118.8441	0	1482.873	2.486156	0.401489	0	2.887645	0.278066	0.024227	0	0.302293	0.079581	0.007402	0	0.086982	0	0	0	0.086982	2.587502	0.411646	0	2.999148	0	0	0	2.999148	12.48259	0.902997	0	13.38559	0	0	0	0	0.794464	171.3975
0.179148	1.113488	4.528676	4.350511	9.992675	174107.7	0	5470.097	179577.8	2.550267	0	6.639391	9.189658	3.875293	0	2.618644	6.493936	10.74521	0	32.66509	43.4103	26.08354	7.940805	19.30235	96.73699	15.66226	0	35.76367	51.42593	26.08354	7.940805	19.30235	104.7526	626.6044	0	306.1798	932.7842	1.722902	0	0.05413	1.777032	17.35628	18954.62
0	0.059813	0.017373	0.016527	0.093712	545.0605	0	545.0605	0.004385	0	0.004385	0.085797	0	0.085797	0.094408	0	0.094408	0	0	0	0.094408	0.107477	0	0.107477	0	0	0	0.107477	0.958072	0	0.958072	0.00516	0	0.00516	0.006732	48.64625							
0	0	0.088558	0.048261	0.136819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.002561	0.012839	0.08077	0.039286	0.132895	1568.184	0	62.4305	1630.614	0.005353	0	0.037976	0.04333	0.006723	0	0.019117	0.02584	0.016704	0	0.152336	0.16904	0.118196	0.035498	0.032302	0.355037	0.024374	0	0.166789	0.191163	0.118196	0.035498	0.032302	0.37716	2.533859	0	1.168572	3.702431	0.015518	0	0.000618	0.016136	0.191784	172.1131
0.033431	0.206126	0.432654	0.50874	1.14752	19744.23	0	737.0302	20481.26	0.777967	0	1.222216	2.000183	0.957863	0	0.352349	1.310212	3.65109	0	6.823383	10.47447	7.098362	1.964428	5.867841	25.4051	5.302522	0	7.470485	12.77301	7.098362	1.964428	5.867841	27.70364	151.2402	0	66.39556	217.6357	0.195381	0	0.007293	0.202675	2.009073	2161.819
0	0.00494	0.000153	0.000204	0.005297	8.179199	0	8.179199	0.000281	0	0.000281	0.001287	0	0.001287	0.006044	0	0.006044	0	0	0	0.006044	0.006881	0	0.006881	0	0	0	0.006881	0.0348	0	0.0348	7.74E-05	0	7.74E-05	5.92E-05	0.729988							
0	0	0.000431	0.000237	0.000669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
1.96E-07	9.71E-07	5.32E-06	2.58E-06	8.88E-06	0.103682	0	0.004673	0.108355	3.55E-07	0	2.51E-06	2.87E-06	4.49E-07	0	1.26E-06	1.71E-06	1.11E-06	0	1.01E-05	1.12E-05	7.18E-06	1.93E-06	1.99E-06	2.23E-05	1.62E-06	0	1.1E-05	1.26E-05	7.18E-06	1.93E-06	1.99E-06	2.37E-05	0.000167	0	7.75E-05	0.000244	1.03E-06	0	4.62E-08	1.07E-06	1.51E-05	0.011437
0.07498	0.489502	1.896423	2.142588	4.528514	92643.35	0	2958.361	95601.71	1.337499	0	3.360384	4.697882	2.374117	0	1.392786	3.766903	5.787516	0	16.73886	22.52638	10.58233	3.155898	7.811752	44.07636	8.38707	0	18.32643	26.7135	10.58233	3.155898	7.811752	48.26348	323.9259	0	152.6183	476.5442	0.916763	0	0.029275	0.946037	7.698694	10090.86
0	0.007545	0.006137	0.006642	0.020324	263.3738	0	263.3738	0.000797	0	0.000797	0.041457	0	0.041457	0.017163	0	0.017163	0	0	0	0.017163	0.019539	0	0.019539	0	0	0	0.019539	0.135826	0	0.135826	0.002493	0	0.002493	0.002378	23.50592							
0	0	0.000229	0.000125	0.000354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.000107	0.000547	0.003091	0.001505	0.005143	59.26554	0	2.696712	61.96225	0.000204	0	0.001374	0.001578	0.000257	0	0.000695	0.000952	0.000634	0	0.005482	0.006116	0.003435	0.000989	0.000979	0.011518	0.000925	0	0.006002	0.006927	0.003435	0.000989	0.000979	0.012329	0.095828	0	0.042061	0.137889	0.000586	0	2.67E-05	0.000613	0.008524	6.540182
0.005311	0.046923	0.173526	1.691881	1.91233	18474.45	78.39304	242.034	18794.88	0.308156	0.078044	0.389606	0.775807	0.390347	0.001928	0.501473	0.893748	1.609368	0.297446	2.018997	3.92581	2.148839	0.615483	3.07396	9.764093	2.306336	0.433671	2.209882	4.949889	2.148839	0.615483	3.07396	10.78817	39.45307	2.366897	28.54022	70.36019	0.182816	0.000776	0.002395	0.185987	0.970833	1983.82
0	0.843455	0.18947	1.231558	2.264483	9443.381	61.12097	0	9504.502	0.165387	0.002235	0	0.167622	1.486471	0.009621	0	1.496092	3.56068	0.048119	0	3.608799	0	0	0	3.608799	4.053597	0.05478	0	4.108378	0	0	0	4.108378	11.05458	0.398836	0	11.45342	0.0894	0.000579	0	0.089979	1.962251	848.2699
0.000535	0.005337	0.025043	0.284859	0.315239	2917.656	12.76806	35.23953	2965.664	0.030849	0.011229	0.052097	0.094175	0.048804	0.00028	0.071434	0.120518	0.150965	0.042024	0.262811	0.4558	0.263053	0.07269	0.363579	1.155122	0.220258	0.061321	0.287745	0.569324	0.263053	0.07269	0.363579	1.268645	4.185076	0.33564	4.088658	8.509374	0.028872	0.000126	0.000349	0.029347	0.140671	313.029
0	0.25154	0.070278	0.532945	0.854763	4264.361	34.02834	0	4298.389	0.050089	0.000781	0	0.050871	0.671248	0.005356	0	0.676604	1.078397	0.016815	0	1.095212	0	0	0	1.095212	1.227683	0.019143	0	1.246826	0	0	0	1.246826	3.029853	0.139373	0	3.169226	0.040371	0.000322	0	0.040693	0.874907	383.6281
0.006418	0.015342	0.017651	0.052952	0.085945	868.0198	0	85.61793	953.6378	0.932884	0	0.32603	1.258914	0.196453	0	0.015699	0.212151	6.497659	0	2.490966	8.988625	3.485586	5.452578	5.661227	23.58802	7.632684	0	2.70635	10.33903	3.485586	5.452578	5.661227	24.93843	72.03001	0	12.59751	84.62752	0.00859	0	0.000847	0.009437	0.037326	100.6575
0.062147	0.363826	1.305418	1.49412	3.163364	77114.51	0	2595.31	79709.82	1.459766	0	3.290039	4.749805	2.306935	0	1.158509	3.465443	7.090411	0	17.82337	24.91378	9.355532	2.810224	7.104377	44.18391	9.929283	0	19.51164	29.44092	9.355532	2.810224	7.104377	48.71105	300.641	0	127.9826	428.6235	0.763095	0	0.025682	0.788777	5.264663	8413.456
0	0.027266	0.022939	0.024499	0.074705	1274.317	0	1274.317	0.002556	0	0.002556	0.200589	0	0.200589	0.055025	0	0.055025	0	0	0	0.055025	0.062642	0	0.062642	0	0	0	0.062642	0.789307	0	0.789307	0.012064	0	0.012064	0.008889	113.7319							
0	0	3.5E-05	1.93E-05	5.43E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.000178	0.000883	0.004875	0.002353	0.008111	94.2493	0	5.531466	99.78077	0.000319	0	0.002259	0.002578	0.000406	0	0.001139	0.001544	0.000994	0	0.009036	0.010029	0.00603	0.00166	0.001713	0.019433	0.00145	0	0.009893	0.011343	0.00603	0.00166	0.001713	0.020747	0.152594	0	0.069344	0.221938	0.000933	0	5.47E-05	0.000987	0.013824	10.53197
8.96E-06	0.002377	0.01271	0.0467	0.061767	1977.721	0	0.42201	1978.143	0.030516	0	0.000546	0.031061	0.038411	0	0.000466	0.038877	0.157628	0	0.002624	0.160252	0.696695	0.21217	0.004416	1.073533	0.219121	0	0.002868	0.22199	0.696695	0.21217	0.004416	1.135271	4.741795	0	0.050542	4.792336	0.019571	0	4.18E-06	0.019575	0.046756	208.7951
0	0.052799	0.005966	0.016389	0.075154	390.1215	0	390.1215	0.001996	0	0.001996	0.061409	0	0.061409	0.042969	0	0.042969	0	0	0	0.042969	0.048917	0	0.048917	0	0	0	0.048917	0.1617	0	0.1617	0.003693	0	0.003693	0.042768	34.81806							
0.001456	0.006486	0.037482	0.137331	0.181299	5591.2	36.23857	67.75397	5695.192	0.106227	0.015548	0.07747	0.199245	0.130905	0.000411	0.040552	0.171868	0.584041	0.064694	0.480216	1.12895	0.267254	0.082983	0.547806	2.026993	0.824311	0.093814	0.52482	1.442945	0.267254	0.082983	0.547806	2.340987	14.30457	0.943306	8.731023	23.9789	0.055328	0.000359	0.00067	0.056357	0.139064	601.1336
0	1.530872	0.151359	0.558676	2.240908	14454.36	747.7016	0	15202.06	0.121631	0.008751	0	0.130383	2.275243	0.117695	0	2.392938	2.618692	0.188409	0	2.807101	0	0	0	2.807101	2.981181	0.214489	0	3.19567	0	0	0	3.19567	7.860957	2.398764	0	10.25972	0.136751	0.007074	0	0.143825	1.716419	1356.773
0	0.000124	0.001189	0.004402	0.005715	92.07747	10.16608	0	102.2435	0.05981	0.03662	0	0.09643	0.018771	0.002072	0	0.020843	0.000855	0.000523	0	0.001378	0	0	0	0.001378	0.06104	0.037373	0	0.098414	0	0	0	0.098414	0.266325	0.054573	0	0.320898	0	0	0	0	0.105054	11.81779
0.000135	0.000892	0.010083	0.037225	0.048201	1512.362	6.774849	11.63579	1530.773	0.01767	0.003358	0.013922	0.03495	0.028517	8.89E-05	0.010558	0.039164	0.088674	0.012967	0.076602	0.178243	0.044058	0.013039	0.048748	0.284088	0.127889	0.018896	0.083813	0.230598	0.044058	0.013039	0.048748	0.336443	2.148418	0.100342	1.507435	3.756195	0.014966	6.7E-05	0.000115	0.015148	0.037696	161.5747
0	0.20545	0.009492	0.047747	0.262689	1120.121	30.68567	0	1150.807	0.019608	0.00087	0	0.020478	0.176317	0.00483	0	0.181147	0.42215	0.01873	0	0.44088	0	0	0	0.44088	0.480585	0.021323	0	0.501908	0	0	0	0.501908	1.123395	0.157682	0	1.281077	0.010597	0.00029	0	0.010888	0.110452	102.7087
0	2.87E-05	0.000456	0.001688	0.002172	35.66549	0.684432	0	36.34992	0.021997	0.002767	0	0.024763	0.007321	0.00014	0	0.00741	0.000314	3.81E-05	0	0.000352	0	0	0	0.000352	0.022445	0.002725	0	0.025174	0	0	0	0.025174	0.105005	0.0031	0	0.108105	0	0	0	0	0.040253	4.201497
5.64E-05	0.001506	0.003098	0.017689	0.022293	343.6745	20.49879	1.992712	366.166	0.032358	0.017616	0.003013	0.052987	0.022109	0.000585	0.001598	0.024293	0.201524	0.080217	0.019448	0.301189	0.029668	0.010333	0.023521	0.364711	0.273243	0.11615	0.021245	0.410638	0.029668	0.010333	0.023521	0.47416	4.575004	0.619487	0.387197	5.581688	0.003401	0.000203	1.97E-05	0.003623	0.016352	38.64922
0	0.021316	0.005858	0.022178	0.049352	586.2098	49.55493	0	635.7648	0.002293	0.000203	0	0.002495	0.092275	0.0078	0	0.100075	0.049359	0.004366	0	0.053725	0	0	0	0.053725	0.056191	0.00497	0	0.061161	0	0	0	0.061161	0.132475	0.07722	0	0.209695	0.005546	0.000469	0	0.006015	0.050467	56.74155
0	0.000486	0.001206	0.004736	0.006448	166.8605	16.36098	0	183.2215	0.460332	0.061183	0	0.520515	0.034016	0.003335	0	0.037351	0.006577	0.00086	0	0.007437	0	0	0	0.007437	0.469802	0.061421	0	0.531224	0	0	0	0.531224	1.604652	0.082079	0	1.686731	0	0	0	0	0.108262	21.17761
3.69E-06	0.000211	0.002515	0.025604	0.028331	348.629	0	0.936652	349.5656	0.000912	0	0.001208	0.00212	0.003655	0	0.001032	0.004687	0.003048	0	0.005052	0.008099	0.002353	0.000727	0.001359	0.012538	0.004447	0	0.005531	0.009978	0.002353	0.000727	0.001359	0.014417	0.123189	0	0.095342	0.218531	0.00345	0	9.27E-06	0.003459	0.011595	36.89702
0	0.003712	0.013213	0.046291	0.063216	578.1144	0	578.1144	0.001873	0	0.001873	0.091	0	0.091	0.040329	0	0.040329	0	0	0	0.040329	0.045912	0	0.045912	0	0	0	0.045912	0.10867	0	0.10867	0.005473	0	0.005473	0.063335	51.59629							

0	0	0.000327	0.000579	0.000906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.002067	0.030336	0.101879	0.134282	2043.305	0	0	2043.305	2.568758	0	0	2.568758	0.416541	0	0	0.416541	0.22385	0	0	0.22385	0	0	0	0.22385	2.83482	0	0	2.83482	0	0	0	2.83482	25.35731	0	0	25.35731	0	0	0	0	0.900854	236.1749
2.99E-05	0.000107	0.000271	0.001417	0.001795	33.90564	0	0.559777	34.46542	0.005939	0	2.3E-07	0.005939	0.004019	0	0.000164	0.004183	0.041227	0	1.22E-06	0.041228	0.0046	0.001594	0.010737	0.058159	0.055954	0	1.33E-06	0.055955	0.0046	0.001594	0.010737	0.072886	1.64704	0	0.027085	1.674125	0.000335	0	5.53E-06	0.000341	0.000517	3.634335
0	2.497378	1.556726	3.522897	7.577001	72626.72	4673.854	0	77300.58	0.145937	0.08853	0	0.234467	11.44237	0.736368	0	12.17874	3.14198	1.90602	0	5.048	0	0	0	5.048	3.576905	2.169858	0	5.746763	0	0	0	5.746763	12.45195	24.23363	0	36.68558	0.687732	0.044259	0	0.73199	8.283219	6905.23
0	0.003587	0.039604	0.160981	0.204171	1514.496	138.8544	0	1653.35	2.533796	0.447428	0	2.981224	0.30874	0.028306	0	0.337046	0.076701	0.007923	0	0.084624	0	0	0	0.084624	2.632065	0.458376	0	3.090441	0	0	0	3.090441	13.23799	1.02553	0	14.26352	0	0	0	0	0.899285	191.1021
0.170395	0.965898	3.913978	3.767786	8.647662	149072	0	5252.064	154324.1	1.949128	0	6.061937	8.011065	3.051305	0	2.458945	5.51025	8.169334	0	29.75958	37.92891	25.17734	7.494114	18.47801	89.07837	11.91049	0	32.58265	44.49314	25.17734	7.494114	18.47801	95.64259	504.364	0	280.4262	784.7902	1.473728	0	0.051922	1.52565	15.29762	16273.28
0	0.047173	0.014308	0.01368	0.075161	446.5133	0	0	446.5133	0.003484	0	0	0.003484	0.070348	0	0	0.070348	0.075008	0	0	0.075008	0	0	0	0.075008	0.085391	0	0	0.085391	0	0	0	0.085391	0.778259	0	0	0.778259	0.004231	0	0	0.004231	0.005544	39.88686
0	0	0.110074	0.060034	0.170108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002803	0.012622	0.079243	0.038594	0.130459	1530.856	0	69.14478	1600.001	0.005141	0	0.04161	0.04675	0.006368	0	0.020645	0.027013	0.016291	0	0.169575	0.185866	0.127156	0.040252	0.035589	0.388863	0.023772	0	0.185664	0.209436	0.127156	0.040252	0.035589	0.412432	2.46964	0	1.30101	3.770649	0.015134	0	0.000684	0.015818	0.192506	168.7181
0.030557	0.170883	0.369186	0.43622	0.976289	16717.03	0	695.5651	17412.59	0.603001	0	1.103284	1.706285	0.756603	0	0.32644	1.083044	2.82338	0	6.173135	8.996515	6.689104	1.812232	5.428954	22.9268	4.114325	0	6.758721	10.87305	6.689104	1.812232	5.428954	24.80334	119.994	0	59.8552	179.8492	0.165265	0	0.006876	0.172141	1.707038	1836.136
0	0.003835	0.000119	0.000159	0.004113	6.352326	0	0	6.352326	0.000218	0	0	0.000218	0.001001	0	0	0.001001	0.00469	0	0	0.00469	0	0	0	0.00469	0.005339	0	0	0.005339	0	0	0	0.005339	0.027023	0	0	0.027023	6.02E-05	0	0	6.02E-05	4.6E-05	0.567451
0	0	0.000433	0.000238	0.000671	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.65E-07	3.99E-06	2.94E-05	1.44E-05	4.77E-05	0.554215	0	0.026397	0.580612	1.88E-06	0	1.44E-05	1.62E-05	2.33E-06	0	7.16E-06	9.49E-06	5.92E-06	0	5.81E-05	6.41E-05	3.15E-05	9.59E-06	9.49E-06	0.000115	8.63E-06	0	6.37E-05	7.23E-05	3.15E-05	9.59E-06	9.49E-06	0.000123	0.000895	0	0.000446	0.001342	5.48E-06	0	2.61E-07	5.74E-06	8.05E-05	0.061225
0.073426	0.436419	1.69102	1.916586	4.044024	81336	0	2900.651	84236.65	1.046219	0	3.135139	4.181358	1.894131	0	1.310712	3.204843	4.447087	0	15.58664	20.03373	10.64578	3.054367	7.823174	41.55705	6.484948	0	17.06534	23.55029	10.64578	3.054367	7.823174	45.07361	264.5128	0	142.8781	407.3909	0.804089	0	0.028676	0.832765	7.01478	8882.65
0	0.006031	0.00561	0.006142	0.017783	238.5517	0	0	238.5517	0.000675	0	0	0.000675	0.037584	0	0	0.037584	0.014538	0	0	0.014538	0	0	0	0.014538	0.016551	0	0	0.016551	0	0	0	0.016551	0.122276	0	0	0.122276	0.00226	0	0	0.00226	0.002174	21.30973
0	0	0.000376	0.000205	0.00058	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000155	0.000709	0.004378	0.002136	0.007223	83.20063	0	4.316013	87.51665	0.000282	0	0.002175	0.002457	0.000349	0	0.001084	0.001433	0.000888	0	0.00882	0.009708	0.005171	0.001535	0.001513	0.017927	0.001296	0	0.009657	0.010953	0.005171	0.001535	0.001513	0.019172	0.134402	0	0.067674	0.202076	0.000823	0	4.27E-05	0.000865	0.012014	9.228521
0.004583	0.038593	0.150658	1.468912	1.658163	15790.95	76.31892	237.5813	16104.85	0.239216	0.074787	0.360375	0.674378	0.307537	0.00184	0.475415	0.784792	1.231971	0.28707	1.866508	3.385549	2.082667	0.571835	2.951121	8.991172	1.788509	0.418803	2.043437	4.250749	2.082667	0.571835	2.951121	9.856373	30.72996	2.31402	27.65294	60.69692	0.15611	0.000754	0.002349	0.159213	0.843567	1698.237
0	0.708556	0.164428	1.068784	1.941768	8163.257	60.16969	0	8223.427	0.13904	0.002214	0	0.141254	1.286124	0.00948	0	1.295604	2.99346	0.047665	0	3.041124	0	0	0	3.041124	3.407855	0.054263	0	3.462118	0	0	0	3.462118	9.227866	0.39507	0	9.622936	0.077351	0.00057	0	0.077921	1.784163	734.5954
0.000487	0.004483	0.021755	0.247459	0.273697	2499.534	12.5516	34.57645	2546.662	0.023633	0.010821	0.049279	0.083734	0.038668	0.000268	0.068177	0.107114	0.115449	0.040902	0.250614	0.406964	0.258336	0.069657	0.352828	1.087786	0.168436	0.059684	0.27439	0.50251	0.258336	0.069657	0.352828	1.183331	3.24264	0.331238	3.997442	7.57132	0.02471	0.000124	0.000342	0.025176	0.122227	268.5423
0	0.215645	0.062243	0.472012	0.7499	3750.498	34.27427	0	3784.773	0.042842	0.000792	0	0.043634	0.590893	0.0054	0	0.596292	0.922369	0.017054	0	0.939422	0	0	0	0.939422	1.050056	0.019414	0	1.06947	0	0	0	1.06947	2.575887	0.141349	0	2.717236	0.035538	0.000325	0	0.035863	0.802857	338.0922
0.006134	0.013871	0.015259	0.045776	0.074906	749.9925	0	83.68254	833.6751	0.788944	0	0.315347	1.104291	0.167776	0	0.015047	0.182823	5.482313	0	2.415532	7.897844	3.466644	5.420471	5.651288	22.43625	6.461139	0	2.624613	9.085752	3.466644	5.420471	5.651288	23.62415	61.03924	0	12.48775	73.52699	0.007414	0	0.000827	0.008242	0.032454	87.91
0.059699	0.319193	1.146011	1.316867	2.782071	66895.51	0	2527.323	69422.83	1.145017	0	3.027929	4.172946	1.832087	0	1.081122	2.913209	5.551319	0	16.43893	21.99025	9.382669	2.71337	7.061364	41.14765	7.803004	0	17.99638	25.79938	9.382669	2.71337	7.061364	44.95678	245.5033	0	119.2252	364.7285	0.66133	0	0.024985	0.686315	4.704104	7320.551
0	0.023085	0.019991	0.021736	0.064812	1104.246	0	0	1104.246	0.002199	0	0	0.002199	0.173974	0	0	0.173974	0.047341	0	0	0.047341	0	0	0	0.047341	0.053894	0	0	0.053894	0	0	0	0.053894	0.698132	0	0	0.698132	0.010463	0	0	0.010463	0.007747	98.64186
0	0	0.000527	0.000287	0.000814	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000195	0.000859	0.004786	0.002317	0.007962	92.14946	0	6.22981	98.37927	0.000307	0	0.00251	0.002817	0.000383	0	0.001245	0.001629	0.000972	0	0.010219	0.011191	0.006693	0.001894	0.001938	0.021715	0.001418	0	0.011188	0.012607	0.006693	0.001894	0.001938	0.023131	0.14892	0	0.078432	0.227352	0.000911	0	6.16E-05	0.000973	0.013499	10.37397
7.02E-06	0.001802	0.010555	0.03878	0.051136	1641.998	0	0.386023	1642.384	0.022037	0	0.000479	0.022516	0.030028	0	0.000453	0.030481	0.108589	0	0.002185	0.110774	0.638609	0.185501	0.00399	0.938874	0.15461	0	0.002391	0.157	0.638609	0.185501	0.00399	0.985101	3.219767	0	0.046006	3.265772	0.016233	0	3.82E-06	0.016237	0.038991	173.1874
0	0.04441	0.00518	0.014227	0.063817	338.4207	0	0	338.4207	0.001716	0	0	0.001716	0.053318	0	0	0.053318	0.036954	0	0	0.036954	0	0	0	0.036954	0.042069	0	0	0.042069	0	0	0	0.042069	0.138577	0	0	0.138577	0.003207	0	0	0.003207	0.038573	30.23099
0.000885	0.004551	0.032107	0.117609	0.154266	4763.293	34.09554	60.2239	4857.612	0.073109	0.014857	0.062846	0.150812	0.098579	0.000398	0.038112	0.13709	0.380389	0.060987	0.363523	0.804898	0.23008	0.061369	0.462866	1.559212	0.555062	0.088992	0.398012	1.042065	0.23008	0.061369	0.462866	1.79638	9.003318	0.892998	8.042057	17.93837	0.04709	0.000337	0.000595	0.048022	0.119722	512.2291
0	0.793573	0.153253	0.565511	1.512338	14362.19	721.9888	0	15084.18	0.064095	0.005549	0	0.069645	2.262769	0.11375	0	2.376519	1.379957	0.119475	0	1.499433	0	0	0	1.499433	1.570976	0.136014	0	1.70699	0	0	0	1.70699	4.399495	2.169364	0	6.568859	0.136001	0.006837	0	0.142838	2.138073	1347.464
0	0.000156	0.001406	0.005199	0.006762	108.9831	12.60877	0	121.5919	0.071441	0.043414	0	0.114854	0.022217	0.00257	0	0.024787	0.001021	0.00062	0	0.001641	0	0	0	0.001641	0.07291	0.044307	0	0.117217	0	0	0	0.117217	0.309966	0.071971	0	0.381937	0	0	0	0	0.1242	14.05417
0.000111	0.000735	0.008384	0.030949	0.040068	1253.684	6.497183	10.97871	1271.16	0.01359	0.003193	0.012618	0.029401	0.022297	8.44E-05	0.009946	0.032327	0.067788	0.012444	0.068527	0.148759	0.043512	0.012107	0.047869	0.252246	0.098585	0.018154	0.075018	0.191757	0.043512	0.012107	0.047869	0.295244	1.624186	0.096381	1.428192	3.148759	0.012394	6.42E-05	0.000109	0.012567	0.031358	134.0423
0	0.067709	0.009442	0.046927	0.124078	1088.223	29.40335	0	1117.626	0.00703	0.000543	0	0.007574	0.17145	0.004633	0	0.176082	0.151364	0.011696	0	0.163059	0	0	0	0.163059	0.172316	0.013315	0	0.185631	0	0	0	0.185631	0.450501	0.13822	0	0.588721	0.010305	0.000278	0	0.010583	0.140188	99.83709
0	3.69E-05	0.000544	0.002014	0.002595	42.70037	0.887933	0	43.5883	0.026534	0.003335	0	0.029869	0.008705	0.000181	0	0.008886	0.000379	4.77E-05	0	0.000427	0	0	0	0.000427	0.02708	0.003404	0	0.030484	0	0	0	0.030484	0.124592	0.004282	0	0.128874	0	0	0	0	0.048066	5.038143
1.94E-05	0.000479	0.002414	0.0138	0.016693	262.3801	18.05365	1.669598	282.1033	0.006533	0.01615	0.002088	0.024771	0.011246	0.000555	0.001591	0.013391	0.032396	0.071687	0.012278	0.11636	0.015304	0.004219	0.010789	0.146672	0.047272	0.104605	0.013443	0.16532	0.015304	0.004219	0.010789	0.195631	0.753247	0.555332	0.316985	1.625564	0.002594	0.000178	1.65E-05	0.002789	0.01358	29.74744
0	0.019347	0.005818	0.022026	0.04719	580.1635	49.16727	0	629.3308	0.002185	0.000191	0	0.002376	0.091405	0.007746	0	0.099151	0.047045	0.004115	0	0.051159	0	0	0	0.051159	0.053557	0.004684	0	0.058241	0	0	0	0.058241	0.127401	0.078178	0	0.205579	0.005494	0.000466	0	0.005959	0.052632	56.21787
0	0.000503	0.001265	0.004889	0.006657	171.381	16.86993	0	188.2509	0.46785	0.061469	0	0.529319	0.034937	0.003439	0	0.038376	0.006685	0.000878	0	0.007563	0	0	0	0.007563	0.477475	0.062734	0	0.540209	0	0	0	0.540209	1.620934	0.086147	0	1.707082	0	0	0	0	0.111757	21.75893
4.64E-06	0.000248	0.002541	0.025857	0.028645	350.2712	0	0.942471	351.2137	0.000824	0	0.001145	0.001969	0.003372	0	0.001003	0.004374	0.002592	0	0.004707	0.007298	0.002004	0.000632	0.00121	0.011145	0.003782	0	0.005153	0.008935	0.002004	0.000632	0.00121	0.012781	0.113981	0	0.096161	0.210141	0.003463	0	9.32E-06	0.003472	0.011708	37.03505
0	0.002909	0.012438	0.043819	0.059167	517.1798	0	0	517.1798	0.001692	0	0	0.001692	0.081482	0	0	0.081482	0.036438	0	0	0.036438	0	0	0	0.036438	0.041482	0	0	0.041482	0	0	0	0.041482	0.048115	0	0	0.048115	0.004901	0	0	0.004901	0.017742	46.19947
0	0	0.000325	0.000575	0.0009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000793	0.03156	0.105866	0.138218	2125.777	0	0	2125.777	2.33071	0	0	2.33071	0.433354	0	0	0.433354	0.095155	0	0	0.095155	0	0	0	0.095155	2.449101	0	0	2.449101	0	0	0	2.449101	30.57702	0	0	30.57702	0	0	0	0	0.936091	245.7074
1.42E-05	7.06E-05	0.000276	0.001411	0.001758	33.61093	0	0.356275	33.9672	0.00469	0	2.77E-07	0.00469	0.003875	0	0.000127	0.004001	0.028991	0	1.46E-06	0.028992	0.00336	0.000963	0.007919	0.041234	0.042303	0	1.6E-06	0.042305	0.00336	0.000963	0.007919	0.054546	1.357566	0	0.02305	1.380616	0.000332	0	3.52E-06	0.000336	0.000552	3.581799
0	1.850527	1.584585	3.527455	6.962568	73353.67	4824.118	0	78177.79	0.091025	0.090602	0	0.181626	11.5569	0.760042	0	12.31694	1.959735	1.950628	0	3.910363	0	0	0	3.910363	2.23101	2.220641	0	4.451651	0	0	0	4.451651	7.978986	26.19509	0	34.17408	0.694615	0.045682	0	0.740297	8.863571	6983.591
0	0.003549	0.04249	0.173013	0.219051	1597.632	151.837	0	1749.469	2.53783	0.477007	0	3.014837	0.325688	0.030953	0	0.356641	0.073258	0.008213	0	0.08147	0	0	0	0.08147	2.632193	0.488413	0	3.120606	0	0	0	3.120606	13.64568	1.109657	0	14.75534	0	0	0	0	0.96298	202.2119
0.161007	1.039372	4.483604	4.316557	9.839533	165858.6	0	5064.561	173650.2	2.023782	0	5.722282	7.746064	3.291259	0	2.410839	5.702098	8.211099	0	27.25757	35.46867	24.32945	7.129157	17.73495	84.66222	11.97411	0	29.84339	41.8175	24.32945	7.129157	17.73495	91.01105	537.8994	0	258.7496	796.649	1.666641	0	0.050068	1.716709	17.94707	18311.2
0	0.048365	0.015449	0.014827	0.078641	479.4331	0	0	479.4331	0.003606	0	0	0.003606	0.075535	0	0	0.075535	0.077632	0	0	0.077632	0	0	0	0.077632	0.088379	0	0	0.088379	0	0	0	0.088379	0.827466	0	0	0.827466	0.004543	0	0	0.004543	0.005987	42.82757
0	0	0.1589	0.08671	0.24561	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002971	0.014804	0.103587	0.050522	0.168913	1982.213	0	77.39149	2059.605	0.00677	0	0.047817	0.054587	0.008508	0	0.024067	0.032576	0.02111	0	0.191748	0.212858	0.139424	0.046281	0.040157	0.438721	0.030804	0	0.20994	0.240744	0.139424	0.046281	0.040157	0.466606	3.198044	0	1.471293	4.669337	0.019596	0	0.000765	0.020361	0.255726	217.1828
0.027883	0.177052	0.416645	0.493274	1.086972	18664.65	0	658.34	19322.99	0.631396	0	1.02207	1.653466	0.802151	0	0.312397	1.114548	2.906296	0	5.594353	8.500649	6.315232	1.682978	5.038099	21.53696	4.23624	0	6.125052	10.36129	6.315232	1.682978	5.038099	23.3976	125.3487	0	54.01224	179.3609	0.184519	0	0.006508	0.191027	1.924399	2037.585
0	0.003932	0.000122	0.000163	0.004217	6.519728	0	0	6.519728	0.000224	0	0	0.000224	0.001027	0	0	0.001027	0.004813	0	0	0.004813	0	0	0	0.004813	0.00548	0	0	0.00548	0	0	0	0.00548	0.027655	0	0	0.027655	6.18E-05	0	0	6.18E-05	4.72E-05	0.582405
0	0	0.000522	0.000287	0.000809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.03E-06	1.04E-05	0.000113	5.54E-05	0.000179	2.083842	0	0.084356	2.168198	7.18E-06	0	4.78E-05	5.5E-05	9.03E-06	0	2.42E-05	3.33E-05	2.23E-05	0	0.000191	0.000213	9.91E-05	3.1E-05	2.98E-05	0.000373	3.25E-05	0	0.000209	0.000241	9.91E-05	3.1E-05	2.98E-05	0.000401	0.00337	0	0.001462	0.004832	2.06E-05	0	8.34E-07	2.14E-05	0.000303	0.228634
0.071175	0.481529	1.997376	2.264759	4.743664	94189.5	0	2856.373	97045.87	1.128536	0	3.027315	4.155851	2.060874	0	1.288024	3.348899	4.665008	0	14.62189	19.2869	10.66804	2.984491	7.80531	40.74474	6.804569	0	16.0091	22.81367	10.66804	2.984491	7.80531	44.27151	287.6862	0	134.7892	422.4754	0.931159	0	0.028238	0.959397	8.482091	10233.37
0	0.006723	0.006838	0.007541	0.021103	286.98	0	0	286.98	0.000787	0	0	0.000787	0.045214	0	0	0.045214	0.016943	0	0	0.016943	0	0	0	0.016943	0.019288	0	0	0.019288	0	0	0	0.019288	0.147582	0	0	0.147582	0.002719	0	0	0.002719	0.00265	25.63581
0	0	0.001812	0.000986	0.002798	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000204	0.001034	0.008366	0.004091	0.01349	156.1883	0	6.942341	163.1307	0.000537	0	0.003635	0.004172	0.000676	0	0.001837	0.002512	0.001667	0	0.014507	0.016174	0.008043	0.002449	0.002375	0.029041	0.002433	0	0.015883	0.018316	0.008043	0.002449	0.002375	0.031183	0.252423	0	0.111309	0.363733	0.001544	0	6.86E-05	0.001613	0.022616	17.20192
0.004131	0.041588	0.17351	1.691726	1.906824	17851.4	74.50393	234.0167	18159.92	0.25361	0.073887	0.346118	0.673615	0.330163	0.001865	0.47897	0.810998	1.289389	0.27708	1.749133	3.315602	2.065056	0.547245	2.899846	8.827749	1.881474	0.404314	1.915081	4.200868	2.065056	0.547245	2.899846	9.713015	32.94364	2.272522	27.1438	62.35996	0.176479	0.000737	0.002313	0.179529	0.971818	1914.941
0	0.780208	0.189893	1.234304	2.204405	9385.921	59.32203	0	9445.243	0.153996	0.002197	0	0.156156	1.478756	0.009346	0	1.488102	3.314659	0.047291	0	3.36195	0	0	0	3.36195	3.773518	0.053838	0	3.827356	0	0	0	3.827356	10.1261	0.391974	0	10.51807	0.088936	0.000562	0	0.089498	2.165241	843.7399
0.000442	0.004825	0.02482	0.282327	0.311972	2810.55	12.28016	33.76446	2856.595	0.024155	0.010688	0.047745	0.082588	0.041642	0.00027	0.068615	0.110528	0.116028	0.039538	0.237507	0.393073	0.257713	0.067417	0.347393	1.065596	0.169308	0.057693	0.26004	0.487041	0.257713	0.067417	0.347393	1.159565	3.39856	0.325746	3.893876	7.618182	0.027785	0.000121	0.000334	0.02824	0.139468	301.2244
0	0.242759	0.073242	0.555418	0.87142	4378.097	34.53671	0	4412.634	0.048389	0.000804	0	0.049193	0.689771	0.005441	0	0.695212	1.041796	0.017305	0	1.059102	0	0	0	1.059102	1.186016	0.019701	0	1.205717	0	0	0	1.205717	2.88504	0.143434	0	3.028474	0.041485	0.000327	0	0.041812	0.978607	394.1788
0.005953	0.01492	0.017567	0.0527	0.085187	861.1563	0	81.90786	943.0641	0.890146	0	0.30927	1.199415	0.190831	0	0.01461	0.205441	6.107428	0	2.348269	8.455697	3.473928	5.4099	5.6685	23.00803	7.221967	0	2.551736	9.773703	3.473928	5.4099	5.6685	24.32603	68.20815	0	12.39758	80.60573	0.008513	0	0.00081	0.009323	0.037599	99.44494
0.056722	0.345671	1.33377	1.535061	3.214502	76597.93	0	2463.054	79060.99	1.200074	0	2.863382	4.063457	1.964449	0	1.045262	3.00971	5.606002	0	15.13105	20.73706	9.463621	2.634818	7.072311	39.90781	7.945483	0	16.56509	24.51057	9.463621	2.634818	7.072311	43.68132	259.9234	0	110.9609	370.8843	0.757249	0	0.02435	0.781598	5.584928	8336.882
0	0.025437	0.023029	0.025414	0.073881	1262.706	0	0	1262.706	0.00246	0	0	0.00246	0.19894	0	0	0.19894	0.052964	0	0	0.052964	0	0	0	0.052964	0.060296	0	0	0.060296	0	0	0	0.060296	0.807464	0	0	0.807464	0.011965	0	0	0.011965	0.008924	112.797
0	0	0.00191	0.001039	0.002948	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000208	0.001012	0.006369	0.003092	0.010473	121.4949	0	7.137042	128.632	0.000412	0	0.002954	0.003365	0.000521	0	0.001486	0.002007	0.001284	0	0.011844	0.013128	0.007555	0.002192	0.002218	0.025093	0.001874	0	0.012968	0.014842	0.007555	0.002192	0.002218	0.026806	0.196303	0	0.090912	0.287215	0.001201	0	7.06E-05	0.001272	0.017785	13.56408
5.59E-06	0.001815	0.011613	0.042662	0.056089	1804.913	0	0.355812	1805.269	0.02099	0	0.000429	0.021419	0.031011	0	0.000442	0.031453	0.098322	0	0.001863	0.100184	0.58303	0.163088	0.003595	0.849897	0.143471	0	0.002039	0.14551	0.58303	0.163088	0.003595	0.895223	2.857967	0	0.042045	2.900013	0.017843	0	3.52E-06	0.017847	0.043044	190.3633
0	0.049421	0.005954	0.016353	0.071728	389.0843	0	0	389.0843	0.001952	0	0	0.001952	0.0613	0	0	0.0613	0.042021	0	0	0.042021	0	0	0	0.042021	0.047838	0	0	0.047838	0	0	0	0.047838	0.156923	0	0	0.156923	0.003687	0	0	0.003687	0.046048	34.75674
0.00078	0.004713	0.036331	0.133073	0.174117	5337.588	32.57273	57.05183	5427.212	0.070207	0.014733	0.059748	0.144688	0.099596	0.000405	0.037661	0.137662	0.359731	0.058812	0.338031	0.756574	0.210285	0.052364	0.415439	1.434662	0.524918	0.085819	0.370101	0.980838	0.210285	0.052364	0.415439	1.658926	8.489405	0.860143	7.413048	16.7626	0.052767	0.000322	0.000564	0.053654	0.135714	572.2928
0	0.313537	0.155219	0.572746	1.041502	14564.69	692.2458	0	15256.94	0.029272	0.004137	0	0.033409	2.294673	0.109064	0	2.403736	0.630213	0.089063	0	0.719276	0	0	0	0.719276	0.71745	0.101391	0	0.818841	0	0	0	0.818841	2.042306	2.097068	0	4.139374	0.137919	0.006555	0	0.144474	2.473814	1362.896
0	0.000182	0.001826	0.005865	0.007633	122.151	14.41918	0	136.5701	0.081078	0.049078	0	0.130156	0.024901	0.002939	0	0.027841	0.001158	0.000701	0	0.00186	0	0	0	0.00186	0.082746	0.050088	0	0.132834	0	0	0	0.132834	0.347891	0.084964	0	0.432854	0	0	0	0	0.140109	15.78543
0.000102	0.000793	0.009174	0.033865	0.043832	1362.913	6.242808	10.48171	1379.638	0.014063	0.003131	0.012055	0.02925	0.023396	8.36E-05	0.009808	0.033287	0.069477	0.012	0.06422	0.145697	0.045623	0.012036	0.050086	0.253441	0.101381	0.01751	0.070313	0.189204	0.045623	0.012036	0.050086	0.296948	1.656916	0.092957	1.357308	3.107181	0.013474	6.17E-05	0.000104	0.013639	0.034318	145.4811
0	0.041291	0.009431	0.04655	0.097272	1084.721	28.49312	0	1113.214	0.004013	0.000463	0	0.004476	0.170898	0.004489	0	0.175387	0.086404	0.009973	0	0.096377	0	0	0	0.096377	0.098364	0.011354	0	0.109718	0	0	0	0.109718	0.271419	0.133952	0	0.405371	0.010272	0.00027	0	0.010541	0.152365	99.4443
0	4.07E-05	0.000593	0.002193	0.002826	46.36847	1.005403	0	47.37388	0.028862	0.003749	0	0.032611	0.009453	0.000205	0	0.009657	0.000412	5.36E-05	0	0.000466	0	0	0	0.000466	0.029456	0.003826	0	0.033282	0	0	0	0.033282	0.135238	0.004917	0	0.140155	0	0	0	0	0.05235	5.475697
1.82E-05	0.000512	0.002851	0.016297	0.019659	308.5956	18.15274	1.668267	328.4166	0.007174	0.016673	0.002124	0.025971	0.012923	0.000572	0.001661	0.015156	0.03529	0.072487	0.012275	0.120052	0.015449	0.004127	0.010562	0.15019	0.051495	0.105773	0.01344	0.170707	0.015449	0.004127	0.010562	0.200845	0.818257	0.56127	0.312525	1.692052	0.003051	0.000179	1.65E-05	0.003247	0.016035	34.63112
0	0.017939	0.005777	0.021866	0.045582	573.4678	49.01572	0	622.4835	0.002086	0.000184	0	0.00227	0.09035	0.007722	0	0.098073	0.044918	0.003958	0	0.048876	0	0	0	0.048876	0.051135	0.004506	0	0.055642	0	0	0	0.055642	0.122732	0.080268	0	0.203	0.005443	0.000464	0	0.005895	0.054668	55.60621
0	0.000521	0.001306	0.005048	0.006876	175.6534	17.63945	0	193.2929	0.475818	0.063508	0	0.539326	0.035808	0.003596	0	0.039404	0.006799	0.000907	0	0.007706	0	0	0	0.007706	0.485607	0.064814	0	0.550422	0	0	0	0.550422	1.638352	0.09272	0	1.731072	0	0	0	0	0.115395	22.34171
4.85E-06	0.000255	0.00256	0.026051	0.028867	352.6787	0	0.949558	353.6282	0.000821	0	0.001182	0.002003	0.003525	0	0.001012	0.004537	0.002587	0	0.00487	0.007457	0.002106	0.000684	0.001269	0.011517	0.003775	0	0.005333	0.009108	0.002106	0.000684	0.001269	0.013167	0.116602	0	0.096415	0.213016	0.003487	0	9.39E-06	0.003496	0.011795	37.28965
0	0.002864	0.012464	0.04375	0.059078	513.575	0	0	513.575	0.001693	0	0	0.001693	0.080914	0	0	0.080914	0.03644	0	0	0.03644	0	0	0	0.03644	0.041484	0	0	0.041484	0	0	0	0.041484	0.043098	0	0	0.043098	0.004866	0	0	0.004866	0.017451	45.87767
0	0	0.000324	0.000575	0.000899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000428	0.031869	0.107065	0.139361	2154.096	0	0	2154.096	2.148014	0	0	2.148014	0.439127	0	0	0.439127	0.031665	0	0	0.031665	0	0	0	0.031665	2.19327	0	0	2.19327	0	0	0	2.19327	32.7631	0	0	32.7631	0	0	0	0	0.946681	248.9807
1.03E-05	5.34E-05	0.000249	0.001242	0.001545	29.55704	0	0.281845	29.83888	0.003535	0	3.23E-07	0.003535	0.003061	0	7.55E-05	0.003136	0.021394	0	1.7E-06	0.021396	0.002504	0.000667	0.005894	0.030461	0.031219	0	1.86E-06	0.03122	0.002504	0.000667	0.005894	0.040285	1.029517	0	0.018729	1.048246	0.000292	0	2.79E-06	0.000295	0.000513	3.146473
0	1.393971	1.614471	3.550485	6.558927	73941.38	4948.229	0	78889.61	0.058759	0.093204	0	0.151963	11.64949	0.779595	0	12.42909	1.265064	2.006658	0	3.271723	0	0	0	3.271723	1.440179	2.284428	0	3.724607	0	0	0	3.724607	4.983372	27.9983	0	32.98168	0.700181	0.046857	0	0.747037	9.345326	7047.178
0	0.003511	0.044766	0.182716	0.230992	1656.531	162.6335	0	1819.165	2.520909	0.499849	0	3.020758	0.337695	0.033154	0	0.370849	0.069706	0.008414	0	0.07812	0	0	0	0.07812	2.611153	0.511582	0	3.122735	0	0	0	3.122735	13.86504	1.189903	0	15.05494	0	0	0	0	1.012368	210.2677
0.153284	1.00017	4.499136	4.330734	9.83004	166466.3	0	4916.56	171382.8	1.813789	0	5.355302	7.169091	3.061639	0	2.330851	5.392489	7.213142	0	25.11462	32.32776	23.59415	6.789557	17.14711	79.85857	10.52091	0	27.49721	38.01813	23.59415	6.789557	17.14711	85.54894	501.7836	0	240.4453	742.2289	1.645689	0	0.048605	1.694294	18.50232	18072.11
0	0.043027	0.014453	0.013922	0.071402	445.8747	0	0	445.8747	0.003234	0	0	0.003234	0.070248	0	0	0.070248	0.069636	0	0	0.069636	0	0	0	0.069636	0.079276	0	0	0.079276	0	0	0	0.079276	0.761297	0	0	0.761297	0.004225	0	0	0.004225	0.0056	39.82981
0	0	0.199931	0.10914	0.309071	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003168	0.015503	0.118642	0.058046	0.192192	2216.104	0	87.06665	2303.171	0.007549	0	0.054415	0.061963	0.009474	0	0.027328	0.036802	0.023593	0	0.21871	0.242303	0.153623	0.052734	0.046038	0.494698	0.034426	0	0.23946	0.273886	0.153623	0.052734	0.046038	0.526281	3.574836	0	1.678309	5.253145	0.021908	0	0.000861	0.022769	0.29217	242.8665
0.025473	0.163074	0.410587	0.486257	1.059918	18147.62	0	625.5507	18773.17	0.565021	0	0.935316	1.500338	0.729711	0	0.295069	1.02478	2.582841	0	5.067111	7.649952	5.982967	1.562947	4.701059	19.89692	3.766066	0	5.547811	9.313878	5.982967	1.562947	4.701059	21.56085	113.4049	0	48.77289	162.1778	0.179408	0	0.006184	0.185592	1.899015	1979.607
0	0.003489	0.000108	0.000145	0.003743	5.799326	0	0	5.799326	0.000198	0	0	0.000198	0.000914	0	0	0.000914	0.004268	0	0	0.004268	0	0	0	0.004268	0.004858	0	0	0.004858	0	0	0	0.004858	0.024517	0	0	0.024517	5.5E-05	0	0	5.5E-05	4.2E-05	0.518051
0	0	0.000629	0.000346	0.000975	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.09E-06	2.02E-05	0.000256	0.000126	0.000403	4.436842	0	0.185572	4.622415	1.52E-05	0	0.000107	0.000122	1.9E-05	0	5.39E-05	7.29E-05	4.74E-05	0	0.00043	0.000477	0.000197	6.52E-05	5.97E-05	0.000799	6.91E-05	0	0.00047	0.000539	0.000197	6.52E-05	5.97E-05	0.000861	0.007177	0	0.003295	0.010471	4.39E-05	0	1.83E-06	4.57E-05	0.000645	0.487428
0.069858	0.475858	2.067763	2.342189	4.88581	95283.81	0	2835.771	98119.58	1.052449	0	2.902264	3.954714	1.93591	0	1.253993	3.189903	4.28528	0	13.81452	18.0998	10.63079	2.915146	7.744753	39.39049	6.251388	0	15.12514	21.37653	10.63079	2.915146	7.744753	42.66722	274.5949	0	128.5201	403.1149	0.941977	0	0.028034	0.970012	9.002074	10346.59
0	0.006729	0.007278	0.008069	0.022076	300.6021	0	0	300.6021	0.000811	0	0	0.000811	0.04736	0	0	0.04736	0.017461	0	0	0.017461	0	0	0	0.017461	0.019879	0	0	0.019879	0	0	0	0.019879	0.155189	0	0	0.155189	0.002848	0	0	0.002848	0.00282	26.85266
0	0	0.004656	0.002533	0.007189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000264	0.001298	0.01248	0.006135	0.019913	223.339	0	10.11201	233.451	0.000763	0	0.00539	0.006154	0.000957	0	0.002712	0.00367	0.002382	0	0.021619	0.024001	0.010983	0.003497	0.00329	0.04177	0.003476	0	0.02367	0.027145	0.010983	0.003497	0.00329	0.044915	0.360954	0	0.165878	0.526832	0.002208	0	1E-04	0.002308	0.032401	24.61712
0.003803	0.040236	0.175648	1.712571	1.928455	17660.44	73.09471	231.3403	17964.87	0.231846	0.071879	0.329423	0.633148	0.301747	0.001836	0.469315	0.772898	1.177357	0.267456	1.653595	3.098409	2.001124	0.514441	2.796067	8.41004	1.717997	0.390271	1.810479	3.918747	2.001124	0.514441	2.796067	9.230379	31.19222	2.246925	26.986	60.42514	0.174591	0.000723	0.002287	0.177601	0.984209	1894.373
0	0.747119	0.192551	1.251583	2.191254	9457.101	58.67358	0	9515.774	0.147994	0.00219	0	0.150185	1.48997	0.009244	0	1.499214	3.18623	0.047155	0	3.233385	0	0	0	3.233385	3.62731	0.053683	0	3.680993	0	0	0	3.680993	9.620462	0.390846	0	10.01131	0.089611	0.000556	0	0.090167	2.312758	850.0404
0.000401	0.004623	0.024865	0.282836	0.312324	2766.276	12.06448	33.14875	2811.49	0.021275	0.010375	0.045578	0.077228	0.038178	0.000264	0.067061	0.105503	0.101281	0.038165	0.22528	0.364725	0.249819	0.064108	0.333673	1.012326	0.147789	0.05569	0.246653	0.450132	0.249819	0.064108	0.333673	1.097732	3.13294	0.322174	3.837846	7.292961	0.027347	0.000119	0.000328	0.027794	0.139744	296.4681
0	0.238358	0.075681	0.573914	0.887953	4477.189	34.94392	0	4512.133	0.047607	0.000821	0	0.048428	0.705383	0.005505	0	0.710888	1.024953	0.017665	0	1.042618	0	0	0	1.042618	1.166841	0.020111	0	1.186952	0	0	0	1.186952	2.80677	0.146419	0	2.953189	0.042424	0.000331	0	0.042755	1.047715	403.0671
0.005842	0.015022	0.017838	0.053514	0.086374	870.9139	0	80.49857	951.4125	0.874191	0	0.302671	1.176862	0.189876	0	0.01416	0.204036	5.942336	0	2.290018	8.232355	3.508116	5.438131	5.729153	22.90775	7.052621	0	2.488656	9.541277	3.508116	5.438131	5.729153	24.21668	66.6252	0	12.36125	78.98645	0.00861	0	0.000796	0.009406	0.038444	100.3253
0.053673	0.331686	1.356977	1.561288	3.249951	76389.19	0	2408.209	78797.4	1.0417	0	2.669231	3.710932	1.79439	0	0.997398	2.791788	4.564283	0	13.88188	18.44616	9.477918	2.521528	7.059911	37.50552	6.645535	0	15.19871	21.84425	9.477918	2.521528	7.059911	40.90361	231.442	0	103.0938	334.5358	0.755185	0	0.023808	0.778992	5.808036	8309.087
0	0.024173	0.023057	0.025758	0.072989	1252.407	0	0	1252.407	0.002369	0	0	0.002369	0.197317	0	0	0.197317	0.051013	0	0	0.051013	0	0	0	0.051013	0.058074	0	0	0.058074	0	0	0	0.058074	0.803697	0	0	0.803697	0.011867	0	0	0.011867	0.008935	111.877
0	0	0.004695	0.002554	0.007248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000233	0.001109	0.008055	0.003932	0.013096	148.6208	0	8.796865	157.4177	0.000502	0	0.003707	0.00421	0.000633	0	0.001859	0.002492	0.001573	0	0.014919	0.016492	0.008942	0.002762	0.002696	0.030891	0.002295	0	0.016335	0.01863	0.008942	0.002762	0.002696	0.033029	0.240069	0	0.114511	0.35458	0.001469	0	8.7E-05	0.001556	0.02174	16.5995
4.93E-06	0.001636	0.01115	0.040958	0.053743	1731.713	0	0.333148	1732.046	0.017598	0	0.0004	0.017998	0.027664	0	0.000433	0.028097	0.080856	0	0.00171	0.082566	0.533867	0.142121	0.003247	0.761802	0.117986	0	0.001872	0.119858	0.533867	0.142121	0.003247	0.799093	2.280407	0	0.03823	2.318637	0.01712	0	3.29E-06	0.017123	0.041454	182.6421
0	0.047817	0.00598	0.016421	0.070217	390.818	0	0	390.818	0.001929	0	0	0.001929	0.061574	0	0	0.061574	0.041541	0	0	0.041541	0	0	0	0.041541	0.047291	0	0	0.047291	0	0	0	0.047291	0.154438	0	0	0.154438	0.003703	0	0	0.003703	0.048081	34.91162
0.000699	0.004441	0.036005	0.131883	0.172329	5229.841	31.32963	54.37556	5315.546	0.058064	0.014505	0.056485	0.129054	0.086727	0.000406	0.036837	0.12397	0.294489	0.057156	0.315848	0.667492	0.192849	0.047115	0.373801	1.281258	0.429717	0.083402	0.345814	0.858932	0.192849	0.047115	0.373801	1.472698	6.918487	0.835037	6.850646	14.60417	0.051702	0.00031	0.000538	0.05255	0.134684	560.5177
0	0.250562	0.157259	0.580252	0.988074	14726.24	691.9275	0	15418.17	0.024534	0.003863	0	0.028398	2.320126	0.109013	0	2.429139	0.52822	0.08318	0	0.6114	0	0	0	0.6114	0.613308	0.094694	0	0.696032	0	0	0	0.696032	1.750089	2.116759	0	3.866848	0.139449	0.006552	0	0.146001	2.569141	1377.299
0	0.000206	0.001731	0.006401	0.008338	132.6671	15.90223	0	148.5694	0.089404	0.053221	0	0.142626	0.027045	0.003242	0	0.030287	0.001277	0.00076	0	0.002038	0	0	0	0.002038	0.091244	0.054316	0	0.14556	0	0	0	0.14556	0.37755	0.097193	0	0.474742	0	0	0	0	0.152881	17.17235
9.9E-05	0.000773	0.008764	0.032345	0.041882	1290.585	6.000156	10.04872	1306.633	0.012533	0.00303	0.011516	0.027078	0.021071	8.13E-05	0.009503	0.030656	0.061954	0.011593	0.061293	0.13484	0.046021	0.011569	0.050493	0.242922	0.090403	0.016916	0.067109	0.174427	0.046021	0.011569	0.050493	0.28251	1.472806	0.089794	1.290164	2.852045	0.012759	5.93E-05	9.93E-05	0.012917	0.032789	137.7829
0	0.03086	0.009454	0.046433	0.086748	1089.674	28.25897	0	1117.933	0.003042	0.000434	0	0.003476	0.171679	0.004452	0	0.176131	0.065489	0.009349	0	0.074838	0	0	0	0.074838	0.074554	0.010643	0	0.085197	0	0	0	0.085197	0.206231	0.13529	0	0.341521	0.010319	0.000268	0	0.010586	0.158492	99.86449
0	4.24E-05	0.00063	0.00227	0.002926	47.91119	1.055733	0	49.02692	0.030001	0.003937	0	0.033938	0.009799	0.000215	0	0.010014	0.000429	5.63E-05	0	0.000485	0	0	0	0.000485	0.030618	0.004018	0	0.034636	0	0	0	0.034636	0.140123	0.005183	0	0.145305	0	0	0	0	0.054167	5.666765
1.74E-05	0.000485	0.002933	0.016768	0.020186	316.1102	18.33239	1.674504	336.1171	0.006764	0.016998	0.002149	0.025911	0.012832	0.000583	0.001721	0.015136	0.033221	0.073618	0.012375	0.119214	0.015277	0.00401	0.010199	0.1487	0.048476	0.107423	0.013549	0.169449	0.015277	0.00401	0.010199	0.198934	0.771292	0.569806	0.309463	1.65056	0.003125	0.000181	1.66E-05	0.003323	0.016497	35.44313

0	0.016607	0.005735	0.021704	0.044046	566.4898	48.80455	0	615.2943	0.001989	0.000178	0	0.002167	0.089251	0.007689	0	0.09694	0.042814	0.003838	0	0.046653	0	0	0	0.046653	0.048741	0.00437	0	0.053111	0	0	0	0.053111	0.118063	0.082515	0	0.200578	0.005364	0.000462	0	0.005826	0.056751	54.964
0	0.00054	0.001348	0.00521	0.007098	179.8133	18.40684	0	198.2201	0.483551	0.065558	0	0.549109	0.036656	0.003752	0	0.040408	0.006909	0.000937	0	0.007846	0	0	0	0.007846	0.493499	0.066907	0	0.560406	0	0	0	0.560406	1.654269	0.099441	0	1.75371	0	0	0	0	0.119098	22.91122
5.6E-06	0.00028	0.002579	0.026246	0.029105	354.7719	0	0.95509	355.727	0.00082	0	0.001167	0.001987	0.003483	0	0.001001	0.004484	0.002578	0	0.004798	0.007376	0.002008	0.000662	0.001259	0.011306	0.003762	0	0.005253	0.009016	0.002008	0.000662	0.001259	0.012945	0.11705	0	0.096672	0.213722	0.003507	0	9.44E-06	0.003517	0.011881	37.51097
0	0.002794	0.012317	0.043195	0.058305	500.8795	0	0	500.8795	0.001562	0	0	0.001562	0.078914	0	0	0.078914	0.033638	0	0	0.033638	0	0	0	0.033638	0.038294	0	0	0.038294	0	0	0	0.038294	0.039574	0	0	0.039574	0.004746	0	0	0.004746	0.07591	44.74337
0	0	0.000324	0.000574	0.000899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000461	0.032351	0.108748	0.14156	2154.644	0	0	2154.644	2.38846	0	0	2.38846	0.439238	0	0	0.439238	0.035118	0	0	0.035118	0	0	0	0.035118	2.438681	0	0	2.438681	0	0	0	2.438681	34.73208	0	0	34.73208	0	0	0	0	0.961536	249.044
7.43E-06	4.06E-05	0.000227	0.001106	0.001374	26.26915	0	0.22852	26.49767	0.002779	0	3.23E-07	0.00278	0.002559	0	8.56E-05	0.002644	0.016572	0	1.71E-06	0.016574	0.00188	0.000498	0.004382	0.023333	0.024182	0	1.87E-06	0.024184	0.00188	0.000498	0.004382	0.030943	0.783552	0	0.017192	0.800745	0.00026	0	2.26E-06	0.000262	0.000481	2.794146
0	1.360329	1.645775	3.563251	6.569355	74442.26	4893.694	0	79335.95	0.033761	0.095664	0	0.129425	11.72841	0.771004	0	12.49941	0.726855	2.059622	0	2.786477	0	0	0	2.786477	0.827469	2.344723	0	3.172192	0	0	0	3.172192	3.537696	30.02397	0	33.56166	0.704924	0.04634	0	0.751264	10.02671	7087.049
0	0	0.000675	0.000722	0.001398	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003427	0.045358	0.188243	0.237028	1646.271	167.8743	0	1814.145	2.448759	0.501763	0	2.950522	0.335603	0.034222	0	0.369825	0.0656	0.008326	0	0.073926	0	0	0	0.073926	2.534016	0.513404	0	3.047419	0	0	0	3.047419	13.55	1.251482	0	14.80148	0	0	0	0	1.011429	209.6875
0.1465	0.96289	4.499698	4.333328	9.795915	163510.7	0	4772.946	168283.7	1.627698	0	5.019629	6.647327	2.856833	0	2.254891	5.111724	6.341827	0	23.20446	29.54628	22.87662	6.542538	16.58324	75.54868	9.251313	0	25.40588	34.65719	22.87662	6.542538	16.58324	80.65959	468.7676	0	224.2399	693.0075	1.61647	0	0.047185	1.663656	19.01296	17745.3
0	0.037404	0.01339	0.012951	0.063744	410.2041	0	0	410.2041	0.00284	0	0	0.00284	0.064628	0	0	0.064628	0.061146	0	0	0.061146	0	0	0	0.061146	0.069611	0	0	0.069611	0	0	0	0.069611	0.691614	0	0	0.691614	0.003887	0	0	0.003887	0.005189	36.64337
0	0	0.243878	0.133185	0.377063	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003355	0.016072	0.132952	0.065278	0.214302	2422.846	0	96.09198	2518.938	0.008226	0	0.060782	0.069008	0.010305	0	0.030443	0.040748	0.025783	0	0.245006	0.270788	0.169644	0.060354	0.05299	0.553776	0.037622	0	0.26825	0.305872	0.169644	0.060354	0.05299	0.58886	3.908066	0	1.880234	5.7883	0.023952	0	0.00095	0.024902	0.324835	265.6189
0.023281	0.149663	0.403333	0.477987	1.030983	17558.67	0	594.8146	18153.49	0.501139	0	0.855204	1.356343	0.659771	0	0.278756	0.938526	2.273332	0	4.585452	6.858784	5.61272	1.459438	4.350334	18.28128	3.316297	0	5.02048	8.336777	5.61272	1.459438	4.350334	19.75927	101.9273	0	44.04586	145.9732	0.173585	0	0.00588	0.179466	1.870832	1914.263
0	0.003074	9.58E-05	0.000128	0.003298	5.12392	0	0	5.12392	0.000175	0	0	0.000175	0.000807	0	0	0.000807	0.003761	0	0	0.003761	0	0	0	0.003761	0.004281	0	0	0.004281	0	0	0	0.004281	0.021589	0	0	0.021589	4.86E-05	0	0	4.86E-05	3.71E-05	0.457718
0	0	0.000803	0.00044	0.001243	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.98E-06	3.33E-05	0.000455	0.000226	0.000714	7.581456	0	0.322735	7.904191	2.58E-05	0	0.00019	0.000215	3.22E-05	0	9.5E-05	0.000127	8.09E-05	0	0.000764	0.000845	0.000332	0.000113	9.99E-05	0.00139	0.000118	0	0.000837	0.000955	0.000332	0.000113	9.99E-05	0.0015	0.012263	0	0.005861	0.018124	7.5E-05	0	3.19E-06	7.81E-05	0.001102	0.833487
0.068903	0.470519	2.129207	2.411951	5.011677	95779.07	0	2814.023	98593.1	0.980137	0	2.785933	3.766069	1.823887	0	1.225264	3.049151	3.928458	0	13.08292	17.01138	10.53323	2.857096	7.640965	38.04267	5.731859	0	14.32414	20.056	10.53323	2.857096	7.640965	41.0873	261.8639	0	122.8376	384.7015	0.946874	0	0.027819	0.974693	9.49127	10396.52
0	0.00636	0.007653	0.008529	0.022541	310.4064	0	0	310.4064	0.000808	0	0	0.000808	0.048905	0	0	0.048905	0.017389	0	0	0.017389	0	0	0	0.017389	0.019796	0	0	0.019796	0	0	0	0.019796	0.160327	0	0	0.160327	0.002941	0	0	0.002941	0.002965	27.72848
0	0	0.0079	0.004301	0.012201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000328	0.001568	0.016778	0.008285	0.026631	290.2837	0	13.36989	303.6535	0.000987	0	0.007247	0.008234	0.001234	0	0.003632	0.004866	0.003094	0	0.029198	0.032292	0.014112	0.004606	0.004255	0.055266	0.004515	0	0.031969	0.036483	0.014112	0.004606	0.004255	0.059457	0.469126	0	0.22405	0.693177	0.00287	0	0.000132	0.003002	0.04216	32.01989
0.003506	0.038942	0.177171	1.727413	1.943526	17385.29	71.81242	228.8792	17685.98	0.210476	0.069896	0.313947	0.594319	0.27357	0.001805	0.45998	0.735354	1.067005	0.258188	1.566199	2.891393	1.956209	0.49181	2.718986	8.058397	1.556972	0.376747	1.714791	3.64851	1.956209	0.49181	2.718986	8.815515	29.50762	2.227492	27.00809	58.74321	0.171871	0.00071	0.002263	0.174844	0.993246	1864.964
0	0.708788	0.194139	1.2619	2.164827	9461.182	58.00267	0	9519.185	0.140869	0.002185	0	0.143054	1.490613	0.009138	0	1.499751	3.03282	0.04705	0	3.07987	0	0	0	3.07987	3.452664	0.053563	0	3.506227	0	0	0	3.506227	9.048016	0.389976	0	9.437993	0.08965	0.00055	0	0.090199	2.445334	850.345
0.000364	0.004428	0.024821	0.282336	0.311585	2708.079	11.84942	32.55597	2752.485	0.018544	0.010047	0.04345	0.072042	0.034653	0.000258	0.065435	0.100346	0.087425	0.036767	0.213446	0.337638	0.243472	0.061303	0.322184	0.964597	0.12757	0.053651	0.233696	0.414917	0.243472	0.061303	0.322184	1.041876	2.885749	0.318924	3.798765	7.003438	0.026772	0.000117	0.000322	0.027211	0.13952	290.2461
0	0.2322	0.077612	0.588561	0.898373	4538.252	35.2879	0	4573.54	0.046437	0.000837	0	0.047274	0.715004	0.00556	0	0.720563	0.999771	0.018017	0	1.017788	0	0	0	1.017788	1.138173	0.020511	0	1.158684	0	0	0	1.158684	2.707056	0.149333	0	2.856388	0.043002	0.000334	0	0.043337	1.109046	408.5525
0.005595	0.014878	0.018023	0.054068	0.086968	876.5502	0	78.98516	955.5353	0.855859	0	0.295784	1.151644	0.188283	0	0.013683	0.201967	5.763204	0	2.229025	7.992229	3.5243	5.464696	5.782195	22.76342	6.865856	0	2.42261	9.288466	3.5243	5.464696	5.782195	24.05966	64.91802	0	12.33077	77.24879	0.008666	0	0.000781	0.009446	0.039093	100.76
0.050925	0.318031	1.373257	1.580847	3.272134	75671.51	0	2353.76	78025.27	0.934257	0	2.487326	3.421583	1.640266	0	0.952408	2.592675	4.030685	0	12.75594	16.78663	9.476485	2.458303	7.02626	35.74768	5.872799	0	13.96604	19.83884	9.476485	2.458303	7.02626	38.79989	213.0322	0	95.92805	308.9602	0.74809	0	0.023269	0.771359	6.002666	8227.667
0	0.022774	0.022927	0.025906	0.071607	1231.535	0	0	1231.535	0.002262	0	0	0.002262	0.194029	0	0	0.194029	0.048695	0	0	0.048695	0	0	0	0.048695	0.055436	0	0	0.055436	0	0	0	0.055436	0.792014	0	0	0.792014	0.011669	0	0	0.011669	0.008884	110.0125
0	0	0.008491	0.004621	0.013113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00026	0.001209	0.009865	0.004841	0.015916	176.375	0	10.55466	186.9296	0.000594	0	0.004528	0.005122	0.000746	0	0.002262	0.003008	0.001869	0	0.018296	0.020165	0.010317	0.003334	0.003125	0.036941	0.002727	0	0.020032	0.022759	0.010317	0.003334	0.003125	0.039535	0.284862	0	0.140428	0.42529	0.001744	0	0.000104	0.001848	0.025786	19.71149
4.35E-06	0.001465	0.010669	0.039186	0.051321	1655.66	0	0.31231	1655.972	0.014497	0	0.000374	0.014871	0.024523	0	0.000424	0.024947	0.064987	0	0.001574	0.066561	0.490215	0.127612	0.002932	0.687321	0.094829	0	0.001724	0.096552	0.490215	0.127612	0.002932	0.717312	1.770087	0	0.034785	1.804872	0.016368	0	3.09E-06	0.016371	0.039786	174.6202
0	0.04593	0.005978	0.016411	0.068318	390.6641	0	0	390.6641	0.001892	0	0	0.001892	0.061549	0	0	0.061549	0.040734	0	0	0.040734	0	0	0	0.040734	0.046373	0	0	0.046373	0	0	0	0.046373	0.150773	0	0	0.150773	0.003702	0	0	0.003702	0.049836	34.89787
0.000636	0.004231	0.035641	0.130535	0.170407	5117.481	30.28345	52.11752	5199.882	0.047795	0.014321	0.053635	0.115751	0.075393	0.000406	0.036209	0.112008	0.239497	0.055821	0.29637	0.591688	0.177168	0.042675	0.337473	1.149004	0.349474	0.081453	0.324488	0.755415	0.177168	0.042675	0.337473	1.312731	5.608382	0.81479	6.376758	12.79993	0.050592	0.000299	0.000515	0.051406	0.133465	548.321
0	0.206922	0.159297	0.587697	0.953917	14851.41	681.0071	0	15532.41	0.01732	0.003584	0	0.020904	2.339845	0.107293	0	2.447138	0.372891	0.077167	0	0.450058	0	0	0	0.450058	0.424508	0.087849	0	0.512357	0	0	0	0.512357	1.386127	2.243416	0	3.629543	0.140634	0.006449	0	0.147083	2.772823	1387.504
0	0	4.2E-05	7.74E-05	0.000119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000235	0.001874	0.006934	0.009043	142.7534	17.2308	0	159.9842	0.098311	0.056363	0	0.154674	0.029101	0.003513	0	0.032614	0.001405	0.000805	0	0.00221	0	0	0	0.00221	0.100334	0.057522	0	0.157856	0	0	0	0.157856	0.406177	0.110552	0	0.51673	0	0	0	0	0.165566	18.49174
9.43E-05	0.000748	0.008349	0.03081	0.039907	1218.097	5.762044	9.634171	1233.493	0.011024	0.002931	0.011031	0.024986	0.018907	7.9E-05	0.009178	0.028163	0.054419	0.011196	0.058744	0.12436	0.0467	0.011354	0.051016	0.233429	0.079408	0.016338	0.064318	0.160064	0.0467	0.011354	0.051016	0.269133	1.279544	0.086711	1.23015	2.596404	0.012042	5.7E-05	9.52E-05	0.012194	0.031253	130.0703
0	0.029735	0.009549	0.046535	0.085818	1099.621	27.8232	0	1127.444	0.002586	0.000435	0	0.003022	0.173246	0.004384	0	0.177629	0.055678	0.009376	0	0.065054	0	0	0	0.065054	0.063385	0.010674	0	0.074059	0	0	0	0.074059	0.183263	0.144354	0	0.327617	0.010413	0.000263	0	0.010676	0.168185	100.7141
0	4.1E-05	0.000563	0.002086	0.002691	43.86601	0.936012	0	44.80202	0.02804	0.00346	0	0.0315	0.008942	0.000191	0	0.009133	0.000401	4.94E-05	0	0.00045	0	0	0	0.00045	0.028617	0.003532	0	0.032148	0	0	0	0.032148	0.128747	0.004798	0	0.133545	0	0	0	0	0.04974	5.178431
1.69E-05	0.000462	0.002997	0.017135	0.020594	321.6418	18.50448	1.68119	341.8275	0.006376	0.0173	0.00217	0.025846	0.012704	0.000593	0.001788	0.015084	0.031306	0.074711	0.012458	0.118474	0.015593	0.003996	0.010159	0.148221	0.045681	0.109018	0.01364	0.168339	0.015593	0.003996	0.010159	0.198086	0.717397	0.578063	0.307013	1.602473	0.00318	0.000183	1.66E-05	0.003379	0.016856	36.04528
0	0.015379	0.005692	0.021537	0.042608	559.4635	48.54663	0	608.0101	0.001895	0.000174	0	0.002069	0.088144	0.007649	0	0.095792	0.040799	0.003745	0	0.044544	0	0	0	0.044544	0.046446	0.004263	0	0.05071	0	0	0	0.05071	0.113556	0.084829	0	0.198385	0.005298	0.00046	0	0.005757	0.058798	54.3133
0	0	1.71E-06	3.25E-06	4.96E-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000558	0.00139	0.005371	0.007319	183.9127	19.17418	0	203.0868	0.491089	0.067606	0	0.558696	0.037492	0.003909	0	0.041401	0.007017	0.000966	0	0.007983	0	0	0	0.007983	0.501193	0.068997	0	0.57019	0	0	0	0.57019	1.669421	0.106167	0	1.775589	0	0	0	0	0.122766	23.47374
6.16E-06	0.0003	0.002599	0.026439	0.029338	356.4943	0	0.960782	357.4551	0.000817	0	0.001162	0.001979	0.003483	0	0.000994	0.004477	0.002567	0	0.004772	0.00734	0.002019	0.000669	0.001314	0.011342	0.003746	0	0.005225	0.008972	0.002019	0.000669	0.001314	0.012974	0.1182	0	0.097134	0.215334	0.003524	0	9.5E-06	0.003534	0.011968	37.69319
0	0.002794	0.012363	0.043391	0.058548	499.411	0	0	499.411	0.001513	0	0	0.001513	0.078682	0	0	0.078682	0.032577	0	0	0.032577	0	0	0	0.032577	0.037086	0	0	0.037086	0	0	0	0.037086	0.038233	0	0	0.038233	0.004732	0	0	0.004732	0.077577	44.61219
0	0	0.000324	0.000574	0.000898	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000491	0.032639	0.109678	0.142808	2149.247	0	0	2149.247	2.59985	0	0	2.59985	0.438138	0	0	0.438138	0.038164	0	0	0.038164	0	0	0	0.038164	2.654449	0	0	2.654449	0	0	0	2.654449	36.59132	0	0	36.59132	0	0	0	0	0.969745	248.4201
5.03E-06	2.94E-05	0.000207	0.000979	0.001215	23.21137	0	0.181106	23.39248	0.002162	0	2.75E-07	0.002162	0.002251	0	6.31E-05	0.002314	0.012677	0	1.45E-06	0.012679	0.001361	0.000357	0.003131	0.017528	0.018499	0	1.59E-06	0.0185	0.001361	0.000357	0.003131	0.023349	0.562453	0	0.01427	0.576723	0.000229	0	1.79E-06	0.000231	0.00045	2.466708
0	1.37033	1.674306	3.613834	6.658471	74657.32	4955.324	0	79612.64	0.032976	0.098576	0	0.131553	11.76229	0.780713	0	12.543	0.70997	2.12232	0	2.83229	0	0	0	2.83229	0.808247	2.4161	0	3.224347	0	0	0	3.224347	3.362338	30.99422	0	34.35656	0.70696	0.046924	0	0.753884	10.21654	7111.766
0	0	0.004046	0.004512	0.008558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003383	0.046925	0.196036	0.246344	1675.765	175.8829	0	1851.648	2.380699	0.511478	0	2.892177	0.341616	0.035855	0	0.377471	0.061644	0.008357	0	0.070001	0	0	0	0.070001	2.461156	0.523196	0	2.984352	0	0	0	2.984352	13.46422	1.316053	0	14.78028	0	0	0	0	1.041186	214.0223
0.140512	0.925014	4.480936	4.302928	9.708878	159617.2	0	4630.758	164247.9	1.461001	0	4.709303	6.170304	2.673761	0	2.182114	4.855875	5.576681	0	21.49068	27.06736	21.98914	6.239571	15.90537	71.20145	8.13748	0	23.52959	31.66707	21.98914	6.239571	15.90537	75.80116	437.7585	0	209.7802	647.5387	1.577978	0	0.04578	1.623758	19.42883	17319.74
0	0.03087	0.01229	0.011897	0.055056	373.2551	0	0	373.2551	0.002382	0	0	0.002382	0.058806	0	0	0.058806	0.051285	0	0	0.051285	0	0	0	0.051285	0.058384	0	0	0.058384	0	0	0	0.058384	0.617056	0	0	0.617056	0.003537	0	0	0.003537	0.004762	33.34273
0	0	0.289648	0.158245	0.447894	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003526	0.016458	0.145788	0.071738	0.233984	2588.904	0	104.2021	2693.106	0.00874	0	0.066728	0.075468	0.01094	0	0.033317	0.044258	0.027485	0	0.269881	0.297366	0.186165	0.066938	0.060246	0.610716	0.040107	0	0.295485	0.335592	0.186165	0.066938	0.060246	0.648942	4.172152	0	2.07128	6.243432	0.025594	0	0.00103	0.026624	0.352281	283.9847
0.02131	0.136891	0.395031	0.466875	0.998798	16908.48	0	566.2977	17474.78	0.442141	0	0.782146	1.224287	0.594626	0	0.263539	0.858165	1.992313	0	4.151892	6.144205	5.213457	1.352629	3.988942	16.69923	2.906824	0	4.545795	7.452619	5.213457	1.352629	3.988942	18.00765	91.6783	0	39.93583	131.6141	0.167158	0	0.005598	0.172756	1.839694	1842.694
0	0.002708	8.47E-05	0.000113	0.002906	4.528503	0	0	4.528503	0.000154	0	0	0.000154	0.000713	0	0	0.000713	0.003314	0	0	0.003314	0	0	0	0.003314	0.003772	0	0	0.003772	0	0	0	0.003772	0.019029	0	0	0.019029	4.29E-05	0	0	4.29E-05	3.28E-05	0.404529
0	0	0.00104	0.00057	0.00161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.07E-05	4.92E-05	0.000705	0.000351	0.001105	11.36378	0	0.492054	11.85583	3.84E-05	0	0.000294	0.000333	4.78E-05	0	0.000147	0.000195	0.000121	0	0.001191	0.001312	0.000506	0.000174	0.00015	0.002142	0.000177	0	0.001304	0.001481	0.000506	0.000174	0.00015	0.00231	0.018364	0	0.009139	0.027503	0.000112	0	4.86E-06	0.000117	0.001655	1.250182
0.068253	0.46419	2.178879	2.461204	5.104272	95585.04	0	2789.632	98374.68	0.910577	0	2.673122	3.583699	1.725206	0	1.200233	2.925439	3.596009	0	12.40367	15.99968	10.41208	2.782244	7.531046	36.72505	5.247112	0	13.58045	18.82757	10.41208	2.782244	7.531046	39.55294	249.5349	0	117.559	367.094	0.944955	0	0.027578	0.972534	9.927713	10373.49
0	0.005623	0.007947	0.008868	0.022438	315.937	0	0	315.937	0.000773	0	0	0.000773	0.049776	0	0	0.049776	0.016648	0	0	0.016648	0	0	0	0.016648	0.018953	0	0	0.018953	0	0	0	0.018953	0.161999	0	0	0.161999	0.002994	0	0	0.002994	0.00308	28.22252
0	0	0.011404	0.006213	0.017617	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000388	0.001796	0.020614	0.010205	0.032614	346.6135	0	16.3035	362.917	0.00117	0	0.008969	0.010139	0.001461	0	0.004476	0.005936	0.003685	0	0.036299	0.039984	0.017033	0.005653	0.005118	0.067788	0.005377	0	0.039743	0.04512	0.017033	0.005653	0.005118	0.072924	0.559578	0	0.278558	0.838136	0.003427	0	0.000161	0.003588	0.050466	38.26914
0.003228	0.037552	0.177109	1.726811	1.941472	16986.23	70.45167	226.1084	17282.79	0.18863	0.067834	0.299126	0.55559	0.24622	0.001769	0.449305	0.697294	0.953048	0.248908	1.4843	2.686255	1.875518	0.46315	2.599136	7.624058	1.390685	0.363206	1.625121	3.379012	1.875518	0.46315	2.599136	8.316815	27.71568	2.205204	27.02215	56.94304	0.167926	0.000696	0.002235	0.170858	0.993518	1822.448
0	0.666754	0.193863	1.26011	2.120727	9378.892	57.19366	0	9436.086	0.132704	0.002175	0	0.134879	1.477648	0.009011	0	1.486659	2.857034	0.046826	0	2.90386	0	0	0	2.90386	3.252544	0.053308	0	3.305852	0	0	0	3.305852	8.430285	0.388116	0	8.818401	0.08887	0.000542	0	0.089412	2.545161	842.9218
0	0	0.001086	0.005296	0.006382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000331	0.004245	0.02459	0.279712	0.308547	2632.668	11.62224	31.93345	2676.224	0.016132	0.009712	0.041402	0.067246	0.031313	0.000251	0.063617	0.095181	0.075324	0.035382	0.202272	0.312978	0.23682	0.058242	0.31125	0.91929	0.109913	0.051629	0.221462	0.383004	0.23682	0.058242	0.31125	0.989316	2.676969	0.31527	3.760281	6.75252	0.026027	0.000115	0.000316	0.026457	0.138243	282.2045
0	0.224128	0.07867	0.596582	0.899379	4550.864	35.48906	0	4586.353	0.044773	0.00085	0	0.045623	0.71699	0.005591	0	0.722582	0.963931	0.018294	0	0.982226	0	0	0	0.982226	1.097372	0.020827	0	1.118199	0	0	0	1.118199	2.587371	0.151634	0	2.739005	0.043122	0.000336	0	0.043458	1.15502	409.6971
0	0	0.000266	0.001515	0.001782	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005351	0.014661	0.018102	0.054305	0.087067	877.1475	0	77.5431	954.6906	0.834442	0	0.289204	1.123646	0.185977	0	0.013224	0.1992	5.568477	0	2.170964	7.739442	3.524286	5.488228	5.826032	22.57799	6.658185	0	2.35974	9.017925	3.524286	5.488228	5.826032	23.85647	63.07329	0	12.30522	75.3785	0.008671	0	0.000767	0.009438	0.039491	100.6709
0.048377	0.303557	1.381117	1.586007	3.270681	74374.91	0	2295.878	76670.79	0.829541	0	2.311019	3.140559	1.493126	0	0.90889	2.402016	3.517809	0	11.68772	15.20553	9.361992	2.368468	6.916157	33.85214	5.130139	0	12.79654	17.92668	9.361992	2.368468	6.916157	36.57329	194.5638	0	89.11814	283.6819	0.735272	0	0.022697	0.757969	6.157293	8084.839
0	0.021412	0.022609	0.025731	0.069752	1199.138	0	0	1199.138	0.002144	0	0	0.002144	0.188925	0	0	0.188925	0.046169	0	0	0.046169	0	0	0	0.046169	0.052561	0	0	0.052561	0	0	0	0.052561	0.771595	0	0	0.771595	0.011362	0	0	0.011362	0.008761	107.1185
0	0	0.012427	0.006769	0.019196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000296	0.001338	0.012303	0.006063	0.019704	211.8657	0	12.82572	224.6914	0.00071	0	0.005627	0.006337	0.000888	0	0.0028	0.003688	0.002242	0	0.022841	0.025083	0.01222	0.004237	0.003712	0.045252	0.003272	0	0.025008	0.02828	0.01222	0.004237	0.003712	0.048449	0.341882	0	0.175307	0.517189	0.002095	0	0.000127	0.002221	0.031004	23.69343
3.9E-06	0.001329	0.01019	0.037415	0.048934	1580.849	0	0.293749	1581.142	0.012159	0	0.00035	0.01251	0.021895	0	0.000415	0.02231	0.053313	0	0.001454	0.054767	0.457344	0.115646	0.002695	0.630452	0.077794	0	0.001592	0.079387	0.457344	0.115646	0.002695	0.655072	1.40626	0	0.031872	1.438132	0.015628	0	2.9E-06	0.015631	0.038072	166.7295
0	0.044014	0.005952	0.016336	0.066302	388.931	0	0	388.931	0.001848	0	0	0.001848	0.061276	0	0	0.061276	0.039787	0	0	0.039787	0	0	0	0.039787	0.045295	0	0	0.045295	0	0	0	0.045295	0.146574	0	0	0.146574	0.003685	0	0	0.003685	0.051302	34.74305
0.000588	0.004058	0.035018	0.128205	0.167281	4976.102	29.30065	50.03658	5055.439	0.039542	0.01411	0.050909	0.104561	0.065751	0.000405	0.035374	0.10153	0.195859	0.054539	0.278173	0.528571	0.162473	0.038656	0.305503	1.035202	0.285797	0.079583	0.304565	0.669945	0.162473	0.038656	0.305503	1.176576	4.551931	0.795513	5.955865	11.30331	0.049194	0.00029	0.000495	0.049978	0.131214	533.0897
0	0.184838	0.161064	0.594026	0.939929	14960.3	687.0363	0	15647.33	0.015444	0.003437	0	0.01888	2.357001	0.108243	0	2.465244	0.3325	0.073989	0	0.406489	0	0	0	0.406489	0.378526	0.084231	0	0.462757	0	0	0	0.462757	1.283984	2.276173	0	3.560157	0.141665	0.006506	0	0.148171	2.824128	1397.77
0	0	0.000624	0.001151	0.001775	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000253	0.001962	0.007256	0.009471	148.62	18.41299	0	167.033	0.103488	0.059451	0	0.162938	0.030297	0.003754	0	0.034051	0.001479	0.000849	0	0.002328	0	0	0	0.002328	0.105617	0.060674	0	0.166291	0	0	0	0.166291	0.422037	0.121165	0	0.543203	0	0	0	0	0.173278	19.30647
9.06E-05	0.000725	0.007901	0.029175	0.037801	1142.871	5.526333	9.224805	1157.622	0.009629	0.002827	0.010525	0.02298	0.016869	7.64E-05	0.008867	0.025813	0.047389	0.010798	0.056043	0.114229	0.046835	0.011028	0.051143	0.223235	0.06915	0.015756	0.06136	0.146266	0.046835	0.011028	0.051143	0.255271	1.114168	0.083612	1.171663	2.369442	0.011298	5.46E-05	9.12E-05	0.011444	0.029587	122.0698
0	0.029703	0.009584	0.046735	0.086022	1099.178	28.24725	0	1127.426	0.0026	0.000444	0	0.003044	0.173176	0.00445	0	0.177626	0.055974	0.009569	0	0.065542	0	0	0	0.065542	0.063722	0.010893	0	0.074615	0	0	0	0.074615	0.183932	0.147691	0	0.331623	0.010409	0.000267	0	0.010676	0.168822	100.7125
0	0	2.9E-05	5.34E-05	8.24E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	4.39E-05	0.000573	0.002126	0.002743	44.50784	0.963965	0	45.47181	0.028966	0.003527	0	0.032493	0.009073	0.000197	0	0.00927	0.000414	5.04E-05	0	0.000464	0	0	0	0.000464	0.029562	0.0036	0	0.033161	0	0	0	0.033161	0.130969	0.005106	0	0.136075	0	0	0	0	0.050616	5.255847
1.7E-05	0.000456	0.003048	0.017428	0.020932	325.887	18.68163	1.684178	346.2528	0.005993	0.017582	0.002185	0.025759	0.012453	0.000602	0.001851	0.014906	0.029355	0.075773	0.012504	0.117631	0.016713	0.004097	0.010754	0.149195	0.042834	0.110568	0.01369	0.167092	0.016713	0.004097	0.010754	0.198656	0.676356	0.58614	0.302079	1.564574	0.003222	0.000185	1.66E-05	0.003423	0.017143	36.51192
0	0.014256	0.005637	0.021329	0.041222	551.5071	48.18731	0	599.6944	0.001806	0.00017	0	0.001976	0.08689	0.007592	0	0.094482	0.038873	0.003665	0	0.042539	0	0	0	0.042539	0.044254	0.004173	0	0.048427	0	0	0	0.048427	0.109199	0.087035	0	0.196234	0.005222	0.000456	0	0.005679	0.060626	53.57046
0	0	2.4E-05	5.15E-05	7.54E-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000576	0.001428	0.005519	0.007522	187.6298	19.92242	0	207.5522	0.497744	0.069604	0	0.567347	0.03825	0.004061	0	0.042311	0.007112	0.000995	0	0.008106	0	0	0	0.008106	0.507984	0.071036	0	0.57902	0	0	0	0.57902	1.681989	0.112727	0	1.794716	0	0	0	0	0.126135	23.98987
6.9E-06	0.000345	0.002615	0.026607	0.029567	354.6929	0	0.963002	355.6559	0.000807	0	0.001117	0.001923	0.003304	0	0.000963	0.004267	0.002524	0	0.004581	0.007105	0.001786	0.000583	0.001269	0.010744	0.003683	0	0.005016	0.008699	0.001786	0.000583	0.001269	0.012337	0.11777	0	0.098552	0.216322	0.003507	0	9.52E-06	0.003516	0.012044	37.50347
0	0.002661	0.012066	0.042392	0.05712	472.6904	0	0	472.6904	0.001206	0	0	0.001206	0.074473	0	0	0.074473	0.025961	0	0	0.025961	0	0	0	0.025961	0.029555	0	0	0.029555	0	0	0	0.029555	0.029831	0	0	0.029831	0.004479	0	0	0.004479	0.081911	42.22525
0	0	0.000878	0.001473	0.002351	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000485	0.032725	0.110026	0.143236	2132.111	0	0	2132.111	2.773741	0	0	2.773741	0.434645	0	0	0.434645	0.040587	0	0	0.040587	0	0	0	0.040587	2.831849	0	0	2.831849	0	0	0	2.831849	38.00958	0	0	38.00958	0	0	0	0	0.972756	246.4395
3.75E-06	2.34E-05	0.000193	0.000892	0.001108	21.0604	0	0.153339	21.21374	0.001684	0	2.73E-07	0.001684	0.001935	0	4.57E-05	0.001981	0.009564	0	1.44E-06	0.009566	0.001049	0.000275	0.002394	0.013283	0.013956	0	1.58E-06	0.013958	0.001049	0.000275	0.002394	0.017675	0.447108	0	0.01318	0.460288	0.000208	0	1.52E-06	0.00021	0.000423	2.236963
0	1.372692	1.701442	3.672071	6.746204	74649.07	4989.487	0	79638.56	0.032354	0.101053	0	0.133407	11.76099	0.786096	0	12.54709	0.696575	2.175642	0	2.872218	0	0	0	2.872218	0.792998	2.476803	0	3.269801	0	0	0	3.269801	3.217609	31.8211	0	35.03871	0.706882	0.047247	0	0.75413	10.39642	7114.081
0	0	0.009296	0.01057	0.019867	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003348	0.048388	0.203342	0.255079	1706.423	183.2992	0	1889.722	2.314852	0.519258	0	2.834109	0.347865	0.037367	0	0.385232	0.058047	0.008367	0	0.066414	0	0	0	0.066414	2.390927	0.53102	0	2.921948	0	0	0	2.921948	13.40357	1.377243	0	14.78082	0	0	0	0	1.069369	218.423
0.135669	0.890508	4.442871	4.263434	9.596813	154977.9	0	4491.924	159469.8	1.317941	0	4.414764	5.732705	2.511239	0	2.107709	4.618949	4.945489	0	19.93881	24.8843	21.42193	6.007964	15.51342	67.82761	7.216446	0	21.83048	29.04693	21.42193	6.007964	15.51342	71.99024	410.0781	0	196.8688	606.947	1.532114	0	0.044407	1.576522	19.74463	16815.89
0	0.026027	0.011172	0.010841	0.04804	336.1906	0	0	336.1906	0.002044	0	0	0.002044	0.052967	0	0	0.052967	0.044008	0	0	0.044008	0	0	0	0.044008	0.0501	0	0	0.0501	0	0	0	0.0501	0.548662	0	0	0.548662	0.003186	0	0	0.003186	0.004329	30.03177
0	0	0.336081	0.183689	0.519771	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003683	0.016709	0.157095	0.077542	0.251345	2721.071	0	111.4725	2832.544	0.009145	0	0.072283	0.081428	0.011414	0	0.035954	0.047367	0.028878	0	0.293537	0.322415	0.199267	0.072773	0.06566	0.660115	0.042139	0	0.321386	0.363525	0.199267	0.072773	0.06566	0.701225	4.38429	0	2.252987	6.637277	0.026901	0	0.001102	0.028003	0.374412	298.6882
0.019626	0.125594	0.385434	0.455281	0.966309	16205.92	0	539.5178	16745.43	0.389447	0	0.714837	1.104284	0.534729	0	0.248933	0.783662	1.744164	0	3.75973	5.503894	4.825183	1.254289	3.647634	15.231	2.54508	0	4.116431	6.661511	4.825183	1.254289	3.647634	16.38862	82.43726	0	36.2796	118.7169	0.160212	0	0.005334	0.165546	1.805187	1765.785
0	0.002374	7.46E-05	9.97E-05	0.002548	3.984422	0	0	3.984422	0.000135	0	0	0.000135	0.000628	0	0	0.000628	0.002904	0	0	0.002904	0	0	0	0.002904	0.003306	0	0	0.003306	0	0	0	0.003306	0.016667	0	0	0.016667	3.78E-05	0	0	3.78E-05	2.89E-05	0.355927
0	0	0.00136	0.000744	0.002105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.52E-05	6.82E-05	0.001009	0.000503	0.00158	15.77097	0	0.695256	16.46623	5.3E-05	0	0.000423	0.000476	6.57E-05	0	0.00021	0.000276	0.000168	0	0.001723	0.00189	0.000724	0.000249	0.000211	0.003073	0.000245	0	0.001886	0.002131	0.000724	0.000249	0.000211	0.003314	0.025481	0	0.013215	0.038696	0.000156	0	6.87E-06	0.000163	0.002297	1.736343
0.067834	0.458087	2.215874	2.503196	5.177156	94786.08	0	2763.38	97549.46	0.847395	0	2.564429	3.411824	1.63754	0	1.179123	2.816663	3.301428	0	11.77684	15.07827	10.39218	2.736256	7.518302	35.72501	4.817436	0	12.89416	17.7116	10.39218	2.736256	7.518302	38.35834	238.2273	0	112.6905	350.9178	0.937057	0	0.027319	0.964376	10.30099	10286.47
0	0.005333	0.008169	0.009146	0.022648	318.0267	0	0	318.0267	0.000769	0	0	0.000769	0.050105	0	0	0.050105	0.016561	0	0	0.016561	0	0	0	0.016561	0.018853	0	0	0.018853	0	0	0	0.018853	0.164511	0	0	0.164511	0.003013	0	0	0.003013	0.003166	28.4092
0	0	0.015209	0.008291	0.0235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000451	0.002019	0.024449	0.012143	0.03861	400.3858	0	19.2592	419.645	0.001345	0	0.010755	0.0121	0.001672	0	0.005342	0.007014	0.004254	0	0.043752	0.048006	0.020255	0.006834	0.006075	0.08117	0.006208	0	0.047903	0.054111	0.020255	0.006834	0.006075	0.087274	0.646204	0	0.335769	0.981973	0.003958	0	0.00019	0.004149	0.058342	44.25104
0.002954	0.03598	0.175769	1.713752	1.925501	16512.57	69.05067	223.0748	16804.69	0.164532	0.065729	0.285158	0.515419	0.219283	0.001731	0.437152	0.658166	0.82501	0.239674	1.408873	2.473557	1.767208	0.432427	2.442497	7.11569	1.203853	0.349732	1.542539	3.096124	1.767208	0.432427	2.442497	7.738256	25.48605	2.180862	26.99619	54.66311	0.163244	0.000683	0.002205	0.166131	0.986872	1772.034
0	0.62256	0.192149	1.24897	2.063679	9236.446	56.32389	0	9292.769	0.124032	0.002162	0	0.126194	1.455206	0.008874	0	1.46408	2.670347	0.046536	0	2.716882	0	0	0	2.716882	3.040012	0.052978	0	3.09299	0	0	0	3.09299	7.791177	0.385713	0	8.176891	0.08752	0.000534	0	0.088054	2.617834	830.1194
0	0	0.002789	0.013596	0.016385	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000304	0.004069	0.024189	0.275153	0.303412	2545.185	11.38034	31.27185	2587.837	0.014139	0.009363	0.039355	0.062856	0.028097	0.000243	0.061593	0.089934	0.065591	0.03398	0.191359	0.29093	0.230869	0.055613	0.301854	0.879265	0.09571	0.049584	0.209514	0.354807	0.230869	0.055613	0.301854	0.943142	2.495873	0.31107	3.71776	6.524702	0.025162	0.000113	0.000309	0.025583	0.135999	272.8842

0	0.215024	0.079055	0.599503	0.893582	4529.551	35.60768	0	4565.158	0.042884	0.00086	0	0.043744	0.713633	0.00561	0	0.719243	0.923265	0.018526	0	0.94179	0	0	0	0.94179	1.051075	0.02109	0	1.072166	0	0	0	1.072166	2.458138	0.153551	0	2.611689	0.04292	0.000337	0	0.043257	1.188744	407.8038
0	0	0.000681	0.003872	0.004553	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005339	0.014728	0.018083	0.05425	0.087061	873.7689	0	76.18971	949.9586	0.811951	0	0.283029	1.09498	0.182972	0	0.012766	0.195737	5.372549	0	2.117482	7.490031	3.525024	5.510797	5.868178	22.39403	6.446995	0	2.301831	8.748825	3.525024	5.510797	5.868178	23.65283	61.13091	0	12.28895	73.41986	0.008638	0	0.000753	0.009391	0.039658	100.1719
0.046563	0.29201	1.381687	1.586621	3.260318	72663.49	0	2239.024	74902.51	0.740716	0	2.146245	2.886961	1.361038	0	0.868305	2.229343	3.095864	0	10.71609	13.81195	9.183235	2.28576	6.759813	32.04076	4.516673	0	11.73276	16.24943	9.183235	2.28576	6.759813	34.47824	179.5198	0	83.37057	262.8904	0.718353	0	0.022135	0.740488	6.275031	7898.376
0	0.019681	0.02213	0.02538	0.067191	1157.314	0	0	1157.314	0.002008	0	0	0.002008	0.182335	0	0	0.182335	0.043232	0	0	0.043232	0	0	0	0.043232	0.049217	0	0	0.049217	0	0	0	0.049217	0.746271	0	0	0.746271	0.010966	0	0	0.010966	0.008575	103.3824
0	0	0.016466	0.008976	0.025442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000336	0.001471	0.014851	0.00735	0.023672	247.367	0	15.2072	262.5742	0.000825	0	0.006814	0.007639	0.001027	0	0.003375	0.004402	0.002619	0	0.027798	0.030418	0.014234	0.005029	0.00429	0.053971	0.003822	0	0.030436	0.034258	0.014234	0.005029	0.00429	0.057811	0.399111	0	0.213354	0.612465	0.002445	0	0.00015	0.002596	0.036193	27.68812
3.57E-06	0.001219	0.009733	0.035735	0.046687	1509.166	0	0.277762	1509.443	0.010443	0	0.000329	0.010773	0.019666	0	0.000407	0.020073	0.045058	0	0.001348	0.046406	0.420385	0.104516	0.002452	0.573758	0.065748	0	0.001476	0.067224	0.420385	0.104516	0.002452	0.594576	1.160288	0	0.029419	1.189707	0.01492	0	2.75E-06	0.014922	0.036395	159.1689
0	0.041832	0.005896	0.016179	0.063907	385.2881	0	0	385.2881	0.001794	0	0	0.001794	0.060702	0	0	0.060702	0.038631	0	0	0.038631	0	0	0	0.038631	0.043979	0	0	0.043979	0	0	0	0.043979	0.141642	0	0	0.141642	0.003651	0	0	0.003651	0.052435	34.41763
0.000551	0.003916	0.034252	0.125407	0.163575	4815.788	28.39855	48.16081	4892.347	0.032839	0.013896	0.048493	0.095228	0.057328	0.000395	0.034324	0.092046	0.160729	0.053369	0.262367	0.476465	0.15023	0.035337	0.279155	0.941187	0.234535	0.077875	0.287259	0.59967	0.15023	0.035337	0.279155	1.064392	3.709044	0.777987	5.58924	10.07627	0.047609	0.000281	0.000476	0.048366	0.128401	515.8919
0	0.163338	0.162335	0.59869	0.924363	14993.93	694.6095	0	15688.54	0.013619	0.003322	0	0.016941	2.3623	0.109436	0	2.471736	0.293205	0.071529	0	0.364733	0	0	0	0.364733	0.333791	0.08143	0	0.415221	0	0	0	0.415221	1.18244	2.320194	0	3.502635	0.141984	0.006578	0	0.148561	2.865016	1401.451
0	0	0.001803	0.003322	0.005125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000272	0.002045	0.007564	0.009881	154.2185	19.66339	0	173.8819	0.108708	0.062684	0	0.171392	0.031438	0.004009	0	0.035447	0.001553	0.000896	0	0.002449	0	0	0	0.002449	0.110944	0.063974	0	0.174918	0	0	0	0.174918	0.437793	0.132595	0	0.570388	0	0	0	0	0.180614	20.09809
8.73E-05	0.000699	0.007446	0.027488	0.035633	1066.555	5.297397	8.832418	1080.685	0.008401	0.002723	0.010043	0.021167	0.015004	7.26E-05	0.00851	0.023587	0.041257	0.010408	0.053551	0.105216	0.046089	0.010627	0.050321	0.212253	0.060202	0.015187	0.058632	0.134021	0.046089	0.010627	0.050321	0.241058	0.963696	0.080587	1.117833	2.162116	0.010544	5.24E-05	8.73E-05	0.010684	0.027891	113.9569
0	0.028803	0.009623	0.046952	0.085378	1092.699	29.0576	0	1121.757	0.002531	0.000464	0	0.002995	0.172155	0.004578	0	0.176733	0.054491	0.00998	0	0.064471	0	0	0	0.064471	0.062034	0.011361	0	0.073396	0	0	0	0.073396	0.179022	0.154378	0	0.333401	0.010347	0.000275	0	0.010622	0.169702	100.2061
0	0	6.97E-05	0.000128	0.000198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	4.88E-05	0.000589	0.002185	0.002823	45.10853	1.009095	0	46.11763	0.030215	0.003633	0	0.033848	0.009196	0.000206	0	0.009401	0.000432	5.19E-05	0	0.000484	0	0	0	0.000484	0.030836	0.003708	0	0.034544	0	0	0	0.034544	0.13367	0.00567	0	0.139339	0	0	0	0	0.052032	5.330494
1.71E-05	0.000444	0.003075	0.017587	0.021106	327.5916	18.8198	1.68328	348.0947	0.005538	0.017819	0.002188	0.025545	0.011986	0.000601	0.001906	0.014493	0.027074	0.076693	0.012483	0.11625	0.016993	0.004075	0.010753	0.148071	0.039507	0.11191	0.013667	0.165084	0.016993	0.004075	0.010753	0.196905	0.626593	0.593101	0.296377	1.516071	0.003239	0.000186	1.66E-05	0.003441	0.017297	36.70615
0	0.013222	0.005578	0.0211	0.0399	543.1055	47.73781	0	590.8433	0.001718	0.000167	0	0.001885	0.085566	0.007521	0	0.093088	0.036987	0.003597	0	0.040584	0	0	0	0.040584	0.042107	0.004095	0	0.046202	0	0	0	0.046202	0.104884	0.089217	0	0.194101	0.005143	0.000452	0	0.005595	0.062353	52.7798
0	0	5.45E-05	0.000117	0.000171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000592	0.001464	0.005659	0.007715	191.1301	20.66377	0	211.7939	0.503875	0.071583	0	0.575458	0.038963	0.004212	0	0.043176	0.007199	0.001023	0	0.008222	0	0	0	0.008222	0.514242	0.073056	0	0.587297	0	0	0	0.587297	1.692952	0.119226	0	1.812178	0	0	0	0	0.129341	24.48014
7.3E-06	0.000368	0.002629	0.026751	0.029749	353.3199	0	0.965426	354.2853	0.000792	0	0.001101	0.001893	0.003303	0	0.000941	0.004243	0.002473	0	0.004515	0.006988	0.00166	0.000526	0.001269	0.010443	0.003609	0	0.004944	0.008552	0.00166	0.000526	0.001269	0.012007	0.118926	0	0.100066	0.218992	0.003493	0	9.54E-06	0.003502	0.01211	37.35894
0	0.002654	0.012002	0.042247	0.056903	471.1033	0	0	471.1033	0.001201	0	0	0.001201	0.074223	0	0	0.074223	0.025847	0	0	0.025847	0	0	0	0.025847	0.029425	0	0	0.029425	0	0	0	0.029425	0.029741	0	0	0.029741	0.004464	0	0	0.004464	0.084625	42.08347
0	0	0.001268	0.002142	0.00341	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000493	0.032746	0.110002	0.143242	2110.718	0	0	2110.718	2.886391	0	0	2.886391	0.430284	0	0	0.430284	0.042184	0	0	0.042184	0	0	0	0.042184	2.946804	0	0	2.946804	0	0	0	2.946804	38.89712	0	0	38.89712	0	0	0	0	0.972521	243.9668
2.35E-06	1.7E-05	0.000179	0.000815	0.001011	18.99201	0	0.122818	19.11483	0.001244	0	2.71E-07	0.001244	0.001541	0	1.8E-05	0.001559	0.00671	0	1.43E-06	0.006711	0.000683	0.000188	0.001623	0.009206	0.009791	0	1.56E-06	0.009792	0.000683	0.000188	0.001623	0.012287	0.322787	0	0.01107	0.333857	0.000188	0	1.21E-06	0.000189	0.0004	2.015635
0	1.385467	1.727548	3.747438	6.860453	74562.4	5007.23	0	79569.63	0.031842	0.103239	0	0.135081	11.74734	0.788891	0	12.53623	0.685541	2.222709	0	2.90825	0	0	0	2.90825	0.780437	2.530384	0	3.310821	0	0	0	3.310821	3.093813	32.55322	0	35.64703	0.706061	0.047415	0	0.753477	10.5691	7107.923
0	0	0.016377	0.019202	0.035579	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003316	0.04971	0.210139	0.263164	1732.772	189.6642	0	1922.436	2.239846	0.523555	0	2.763401	0.353237	0.038664	0	0.391901	0.054495	0.008334	0	0.062829	0	0	0	0.062829	2.311553	0.535299	0	2.846852	0	0	0	2.846852	13.29357	1.431804	0	14.72537	0	0	0	0	1.094998	222.2043
0.131202	0.853617	4.411075	4.223203	9.487894	150638.1	0	4367.68	155005.8	1.198625	0	4.151946	5.350571	2.377976	0	2.042531	4.420507	4.425498	0	18.57525	23.00074	20.70948	5.737461	15.09328	64.54097	6.457676	0	20.33756	26.79523	20.70948	5.737461	15.09328	68.33546	386.3723	0	185.5949	571.9672	1.489211	0	0.043179	1.53239	20.06012	16345.16
0	0.02082	0.010085	0.009782	0.040687	299.9251	0	0	299.9251	0.001688	0	0	0.001688	0.047253	0	0	0.047253	0.036337	0	0	0.036337	0	0	0	0.036337	0.041367	0	0	0.041367	0	0	0	0.041367	0.479607	0	0	0.479607	0.002842	0	0	0.002842	0.003908	26.79219
0	0	0.363338	0.198694	0.562032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003768	0.016575	0.164954	0.081588	0.263117	2798.271	0	117.262	2915.533	0.009355	0	0.076808	0.086162	0.011642	0	0.038049	0.049691	0.029667	0	0.313269	0.342936	0.210366	0.076062	0.070335	0.699699	0.04329	0	0.34299	0.38628	0.210366	0.076062	0.070335	0.743043	4.506961	0	2.404603	6.911565	0.027664	0	0.001159	0.028823	0.388713	307.4393
0.018152	0.115425	0.376169	0.443245	0.934839	15531.96	0	514.7663	16046.73	0.343015	0	0.653965	0.99698	0.481967	0	0.235643	0.71761	1.52636	0	3.407107	4.933467	4.428388	1.163127	3.361911	13.88689	2.227261	0	3.730353	5.957614	4.428388	1.163127	3.361911	14.91104	74.19688	0	32.98493	107.1818	0.153549	0	0.005089	0.158638	1.772986	1692.107
0	0.001941	6.19E-05	8.24E-05	0.002085	3.291924	0	0	3.291924	0.00011	0	0	0.00011	0.000519	0	0	0.000519	0.002378	0	0	0.002378	0	0	0	0.002378	0.002708	0	0	0.002708	0	0	0	0.002708	0.013871	0	0	0.013871	3.12E-05	0	0	3.12E-05	2.4E-05	0.294066
0	0	0.001699	0.000929	0.002629	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.94E-05	8.45E-05	0.001316	0.000658	0.002058	20.20768	0	0.907971	21.11565	6.76E-05	0	0.000559	0.000627	8.36E-05	0	0.000277	0.000361	0.000215	0	0.002286	0.002501	0.000955	0.000323	0.000275	0.004054	0.000314	0	0.002503	0.002816	0.000955	0.000323	0.000275	0.004369	0.032636	0	0.017537	0.050173	0.0002	0	8.98E-06	0.000209	0.002946	2.226619
0.067034	0.447956	2.248074	2.536371	5.232401	93878.62	0	2740.63	96619.25	0.791892	0	2.46762	3.259512	1.563345	0	1.164413	2.727758	3.042338	0	11.22033	14.26267	10.33697	2.675916	7.516385	34.79194	4.439373	0	12.28485	16.72422	10.33697	2.675916	7.516385	37.25349	228.5771	0	108.5226	337.0997	0.928086	0	0.027094	0.95518	10.63712	10188.38
0	0.005234	0.008345	0.009351	0.02293	318.3892	0	0	318.3892	0.000771	0	0	0.000771	0.050162	0	0	0.050162	0.016602	0	0	0.016602	0	0	0	0.016602	0.0189	0	0	0.0189	0	0	0	0.0189	0.166792	0	0	0.166792	0.003017	0	0	0.003017	0.003234	28.44158
0	0	0.018744	0.010225	0.028969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000501	0.002174	0.027816	0.013843	0.043833	446.756	0	22.00969	468.7657	0.001492	0	0.012426	0.013919	0.001849	0	0.006145	0.007995	0.004743	0	0.050787	0.05553	0.023398	0.007814	0.007027	0.093768	0.00692	0	0.055606	0.062526	0.023398	0.007814	0.007027	0.100764	0.720668	0	0.389788	1.110456	0.004417	0	0.000218	0.004634	0.065181	49.43076
0.002735	0.034766	0.174398	1.700385	1.909549	16080.6	67.78633	220.2515	16368.64	0.145763	0.063749	0.272262	0.481773	0.196111	0.001695	0.425197	0.623004	0.726031	0.231098	1.339536	2.296665	1.723093	0.413226	2.397675	6.83066	1.059423	0.337218	1.466623	2.863264	1.723093	0.413226	2.397675	7.397259	23.84576	2.159304	26.99517	53.00024	0.158973	0.00067	0.002177	0.161821	0.979803	1726.053
0	0.580963	0.190049	1.235317	2.006329	9090.356	55.34332	0	9145.7	0.115763	0.002143	0	0.117906	1.432189	0.008719	0	1.440909	2.492306	0.046141	0	2.538447	0	0	0	2.538447	2.837324	0.052528	0	2.889853	0	0	0	2.889853	7.187704	0.382439	0	7.570143	0.086136	0.000524	0	0.08666	2.677523	816.9817
0	0	0.005095	0.024841	0.029936	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000276	0.003897	0.023789	0.270605	0.298292	2463.037	11.13821	30.60697	2504.783	0.01201	0.009024	0.037412	0.058447	0.02505	0.000236	0.059605	0.084891	0.054809	0.032614	0.180963	0.268386	0.225355	0.05298	0.294891	0.841613	0.079978	0.047591	0.198131	0.3257	0.225355	0.05298	0.294891	0.898927	2.291838	0.306747	3.671804	6.270389	0.02435	0.00011	0.000303	0.024762	0.133777	264.1262
0	0.206134	0.079213	0.6007	0.886046	4503.23	35.63004	0	4538.861	0.041042	0.000869	0	0.04191	0.709486	0.005614	0	0.715099	0.883604	0.018703	0	0.902307	0	0	0	0.902307	1.005924	0.021292	0	1.027217	0	0	0	1.027217	2.33635	0.155022	0	2.491372	0.04267	0.000338	0	0.043008	1.217139	405.4546
0	0	0.001243	0.00707	0.008314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005323	0.014779	0.018075	0.054226	0.08708	870.9426	0	74.89659	945.8392	0.791376	0	0.277133	1.068509	0.18032	0	0.012326	0.192646	5.193046	0	2.066067	7.259113	3.552522	5.53331	5.912855	22.2578	6.253166	0	2.246161	8.499326	3.552522	5.53331	5.912855	23.49801	59.37384	0	12.27535	71.64919	0.00861	0	0.00074	0.009351	0.039829	99.73756
0.044977	0.280499	1.381338	1.583881	3.245718	70968.41	0	2187.485	73155.89	0.666564	0	2.000194	2.666758	1.248928	0	0.834185	2.083112	2.748199	0	9.86094	12.60914	8.910775	2.192306	6.563309	30.27553	4.009951	0	10.79649	14.80644	8.910775	2.192306	6.563309	32.47283	167.4391	0	78.61749	246.0566	0.701595	0	0.021626	0.72322	6.380995	7714.197
0	0.018043	0.021589	0.024873	0.064505	1112.453	0	0	1112.453	0.001872	0	0	0.001872	0.175267	0	0	0.175267	0.040295	0	0	0.040295	0	0	0	0.040295	0.045873	0	0	0.045873	0	0	0	0.045873	0.716885	0	0	0.716885	0.010541	0	0	0.010541	0.008366	99.37499
0	0	0.020169	0.011003	0.031172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000366	0.001555	0.017032	0.008452	0.027039	276.9496	0	17.3453	294.2949	0.000919	0	0.007891	0.008811	0.00114	0	0.003892	0.005032	0.002931	0	0.032344	0.035275	0.017009	0.005948	0.005335	0.063567	0.004277	0	0.035413	0.03969	0.017009	0.005948	0.005335	0.067982	0.446671	0	0.248251	0.694922	0.002738	0	0.000171	0.002909	0.040546	31.03303
3.27E-06	0.001123	0.009334	0.034266	0.044723	1446.518	0	0.263053	1446.781	0.008908	0	0.00031	0.009218	0.0177	0	0.0004	0.0181	0.037614	0	0.001254	0.038868	0.390761	0.095449	0.002282	0.52736	0.054886	0	0.001373	0.056259	0.390761	0.095449	0.002282	0.544751	0.939145	0	0.027216	0.966361	0.0143	0	2.6E-06	0.014303	0.034936	152.5612
0	0.039669	0.005843	0.016032	0.061543	381.8867	0	0	381.8867	0.001742	0	0	0.001742	0.060166	0	0	0.060166	0.037505	0	0	0.037505	0	0	0	0.037505	0.042697	0	0	0.042697	0	0	0	0.042697	0.13679	0	0	0.13679	0.003619	0	0	0.003619	0.053512	34.11379
0.000524	0.003817	0.033527	0.12277	0.160114	4666.192	27.55791	46.42256	4740.172	0.027679	0.013683	0.046286	0.087649	0.050344	0.000383	0.033231	0.083958	0.133964	0.052273	0.248057	0.434293	0.140606	0.032783	0.263647	0.871329	0.195479	0.076277	0.271591	0.543347	0.140606	0.032783	0.263647	0.980382	3.061443	0.761651	5.252684	9.075778	0.04613	0.000272	0.000459	0.046861	0.12571	499.8452
0	0.144778	0.163377	0.602552	0.910707	15004.61	700.4243	0	15705.04	0.011991	0.003223	0	0.015214	2.363983	0.110352	0	2.474335	0.258159	0.069397	0	0.327557	0	0	0	0.327557	0.293895	0.079003	0	0.372898	0	0	0	0.372898	1.090167	2.359866	0	3.450033	0.142085	0.006633	0	0.148717	2.899911	1402.925
0	0	0.00328	0.006046	0.009326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000291	0.002124	0.007858	0.010273	159.6005	20.87482	0	180.4754	0.113793	0.065734	0	0.179527	0.032536	0.004255	0	0.036791	0.001626	0.000939	0	0.002565	0	0	0	0.002565	0.116135	0.067086	0	0.183221	0	0	0	0.183221	0.453007	0.143873	0	0.59688	0	0	0	0	0.187606	20.8602
8.44E-05	0.000676	0.007041	0.02599	0.033707	998.6248	5.084963	8.461861	1012.172	0.007288	0.002626	0.009615	0.019529	0.013291	6.87E-05	0.008143	0.021503	0.035684	0.010047	0.051325	0.097056	0.047906	0.010591	0.052994	0.208548	0.05207	0.01466	0.056195	0.122925	0.047906	0.010591	0.052994	0.234417	0.830576	0.077784	1.063639	1.972	0.009872	5.03E-05	8.37E-05	0.010006	0.026384	106.7322
0	0.027865	0.009664	0.047333	0.084862	1086.259	29.78158	0	1116.04	0.002448	0.000481	0	0.002929	0.171141	0.004692	0	0.175833	0.052708	0.010346	0	0.063054	0	0	0	0.063054	0.060004	0.011778	0	0.071782	0	0	0	0.071782	0.173465	0.160412	0	0.333877	0.010286	0.000282	0	0.010568	0.170651	99.69544
0	0	0.000115	0.000212	0.000327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	5.34E-05	0.000604	0.002241	0.002898	45.64694	1.049912	0	46.69685	0.031399	0.003725	0	0.035124	0.009305	0.000214	0	0.009519	0.000449	5.32E-05	0	0.000502	0	0	0	0.000502	0.032045	0.003802	0	0.035847	0	0	0	0.035847	0.136222	0.0062	0	0.142422	0	0	0	0	0.053371	5.397444
1.72E-05	0.000432	0.003101	0.017735	0.021268	329.1096	18.94402	1.681561	349.7352	0.005087	0.018041	0.002199	0.025328	0.011551	0.0006	0.001968	0.01412	0.02482	0.077549	0.012508	0.114877	0.017961	0.00412	0.011315	0.148273	0.036217	0.113159	0.013695	0.163071	0.017961	0.00412	0.011315	0.196467	0.577426	0.599575	0.290602	1.467602	0.003254	0.000187	1.66E-05	0.003457	0.017441	36.87914
0	0.012301	0.005514	0.020854	0.038668	534.3531	47.17943	0	581.5326	0.001629	0.000164	0	0.001793	0.084188	0.007433	0	0.091621	0.035073	0.003536	0	0.038609	0	0	0	0.038609	0.039928	0.004026	0	0.043953	0	0	0	0.043953	0.100437	0.091369	0	0.191806	0.00506	0.000447	0	0.005507	0.064011	51.94807
0	0	9.23E-05	0.000197	0.000289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000608	0.001499	0.005795	0.007902	194.4774	21.40025	0	215.8777	0.509624	0.073549	0	0.583173	0.039645	0.004363	0	0.044008	0.007282	0.001051	0	0.008332	0	0	0	0.008332	0.520108	0.075062	0	0.595171	0	0	0	0.595171	1.702692	0.125682	0	1.828374	0	0	0	0	0.132435	24.95217
7.56E-06	0.000381	0.002648	0.026942	0.029971	353.9684	0	0.970275	354.9387	0.000785	0	0.001089	0.001874	0.00325	0	0.000927	0.004178	0.002449	0	0.004464	0.006913	0.001539	0.000471	0.001276	0.010199	0.003573	0	0.004888	0.008461	0.001539	0.000471	0.001276	0.011747	0.119732	0	0.10112	0.220852	0.003499	0	9.59E-06	0.003509	0.012196	37.42784
0	0.002633	0.011884	0.041786	0.056303	465.4938	0	0	465.4938	0.001189	0	0	0.001189	0.073339	0	0	0.073339	0.025603	0	0	0.025603	0	0	0	0.025603	0.029147	0	0	0.029147	0	0	0	0.029147	0.029527	0	0	0.029527	0.004411	0	0	0.004411	0.083701	41.58238
0	0	0.001471	0.00246	0.003931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000503	0.032995	0.110948	0.144446	2107.083	0	0	2107.083	2.973577	0	0	2.973577	0.429543	0	0	0.429543	0.043447	0	0	0.043447	0	0	0	0.043447	3.035802	0	0	3.035802	0	0	0	3.035802	39.68673	0	0	39.68673	0	0	0	0	0.980891	243.5466
1.81E-06	1.48E-05	0.000171	0.000769	0.000955	17.7424	0	0.108327	17.85073	0.001047	0	2.53E-07	0.001047	0.001391	0	1.68E-05	0.001408	0.005488	0	1.33E-06	0.005489	0.000566	0.000152	0.001322	0.007529	0.008008	0	1.46E-06	0.00801	0.000566	0.000152	0.001322	0.010049	0.27826	0	0.010158	0.288418	0.000175	0	1.07E-06	0.000176	0.000384	1.882337
0	1.401258	1.751572	3.823275	6.976105	74279.71	5012.574	0	79292.28	0.031397	0.105192	0	0.13659	11.7028	0.789733	0	12.49253	0.67598	2.264764	0	2.940743	0	0	0	2.940743	0.769551	2.578261	0	3.347812	0	0	0	3.347812	2.975671	33.20699	0	36.18266	0.703384	0.047466	0	0.75085	10.72731	7083.148
0	0	0.026472	0.031622	0.058094	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003279	0.050805	0.215643	0.269727	1747.151	195.0125	0	1942.163	2.149576	0.525309	0	2.674886	0.356168	0.039755	0	0.395923	0.05085	0.008273	0	0.059123	0	0	0	0.059123	2.216743	0.536991	0	2.753733	0	0	0	2.753733	13.06727	1.478905	0	14.54618	0	0	0	0	1.116566	224.4844
0.126012	0.813982	4.391248	4.199013	9.404242	147062.3	0	4254.026	151316.3	1.103581	0	3.916933	5.020514	2.273476	0	1.985479	4.258955	4.009724	0	17.37197	21.3817	20.35681	5.521635	14.88224	62.14238	5.850979	0	19.02012	24.8711	20.35681	5.521635	14.88224	65.63178	367.1455	0	175.6724	542.8179	1.45386	0	0.042055	1.495915	20.40529	15956.11
0	0.015948	0.009064	0.00881	0.033822	266.3242	0	0	266.3242	0.00136	0	0	0.00136	0.041959	0	0	0.041959	0.029288	0	0	0.029288	0	0	0	0.029288	0.033342	0	0	0.033342	0	0	0	0.033342	0.417299	0	0	0.417299	0.002524	0	0	0.002524	0.003512	23.79064
0	0	0.389622	0.213173	0.602795	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003792	0.016253	0.172128	0.085312	0.273693	2869.52	0	122.4309	2991.951	0.009562	0	0.080924	0.090486	0.011857	0	0.039944	0.051801	0.030436	0	0.331314	0.361751	0.234917	0.081797	0.082706	0.761171	0.044413	0	0.362747	0.40716	0.234917	0.081797	0.082706	0.80658	4.622258	0	2.543263	7.165521	0.028368	0	0.00121	0.029578	0.401627	315.4975
0.016746	0.106062	0.368243	0.433603	0.907909	14944.46	0	492.021	15436.48	0.303277	0	0.59916	0.902437	0.435803	0	0.223665	0.659468	1.340147	0	3.091413	4.431561	4.152274	1.078555	3.116001	12.77839	1.95554	0	3.384708	5.340248	4.152274	1.078555	3.116001	13.68708	67.00458	0	30.02384	97.02842	0.147741	0	0.004864	0.152605	1.748357	1627.758
0	0.000839	3.05E-05	4.02E-05	0.00091	1.568068	0	0	1.568068	4.9E-05	0	0	4.9E-05	0.000247	0	0	0.000247	0.001055	0	0	0.001055	0	0	0	0.001055	0.001201	0	0	0.001201	0	0	0	0.001201	0.007556	0	0	0.007556	1.49E-05	0	0	1.49E-05	1.18E-05	0.140075
0	0	0.002112	0.001154	0.003266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.33E-05	9.9E-05	0.001668	0.000835	0.002602	25.30737	0	1.15217	26.45954	8.45E-05	0	0.000716	0.0008	0.000104	0	0.000353	0.000457	0.000269	0	0.002933	0.003203	0.001227	0.000412	0.000352	0.005193	0.000393	0	0.003212	0.003605	0.001227	0.000412	0.000352	0.005595	0.040871	0	0.022506	0.063376	0.00025	0	1.14E-05	0.000262	0.003689	2.790126
0.065613	0.434843	2.282043	2.576064	5.29295	93278.55	0	2721.177	95999.73	0.748263	0	2.381884	3.130148	1.504277	0	1.154804	2.659081	2.834936	0	10.72913	13.56407	10.26963	2.619429	7.474899	33.92802	4.136732	0	11.74705	15.88378	10.26963	2.619429	7.474899	36.24774	221.3665	0	105.054	326.4206	0.922153	0	0.026902	0.949055	10.9693	10123.05
0	0.005006	0.008507	0.009556	0.023069	318.7653	0	0	318.7653	0.000769	0	0	0.000769	0.050222	0	0	0.050222	0.016555	0	0	0.016555	0	0	0	0.016555	0.018846	0	0	0.018846	0	0	0	0.018846	0.168994	0	0	0.168994	0.00302	0	0	0.00302	0.003297	28.47518
0	0	0.02251	0.012287	0.034797	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000541	0.00229	0.03132	0.015614	0.049224	495.6652	0	24.869	520.5342	0.00165	0	0.014164	0.015815	0.002038	0	0.00698	0.009018	0.005264	0	0.058111	0.063375	0.026507	0.008958	0.007931	0.106771	0.007681	0	0.063624	0.071305	0.026507	0.008958	0.007931	0.114701	0.79949	0	0.446019	1.245508	0.0049	0	0.000246	0.005146	0.072337	54.88968
0.002543	0.033681	0.17252	1.682067	1.888268	15632.95	66.52153	217.2596	15916.73	0.128684	0.061795	0.260192	0.450671	0.1758	0.001658	0.412569	0.590028	0.635534	0.222775	1.275239	2.133548	1.649905	0.390517	2.293617	6.467586	0.92737	0.325073	1.396226	2.648668	1.649905	0.390517	2.293617	6.982707	22.3934	2.136327	26.96875	51.49847	0.154548	0.000658	0.002148	0.157353	0.969857	1678.4
0	0.539033	0.187371	1.217914	1.944319	8903.921	54.29573	0	8958.217	0.107272	0.002121	0	0.109393	1.402816	0.008554	0	1.411371	2.309505	0.045666	0	2.355171	0	0	0	2.355171	2.629218	0.051988	0	2.681206	0	0	0	2.681206	6.590437	0.378505	0	6.968942	0.084369	0.000514	0	0.084884	2.719203	800.2339
0	0	0.008461	0.041245	0.049706	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000252	0.00374	0.023328	0.265361	0.292429	2378.094	10.88191	29.90726	2418.883	0.010222	0.008682	0.035483	0.054387	0.022287	0.000229	0.057519	0.080035	0.045901	0.031246	0.170695	0.247841	0.215854	0.049874	0.280793	0.794362	0.066978	0.045594	0.186889	0.299461	0.215854	0.049874	0.280793	0.845982	2.128118	0.301867	3.621342	6.051327	0.02351	0.000108	0.000296	0.023913	0.131203	255.0682
0	0.196488	0.07905	0.599463	0.875001	4453.303	35.577	0	4488.88	0.038986	0.000875	0	0.03986	0.70162	0.005605	0	0.707225	0.83934	0.018833	0	0.858173	0	0	0	0.858173	0.955533	0.02144	0	0.976973	0	0	0	0.976973	2.20889	0.156096	0	2.364986	0.042197	0.000337	0	0.042534	1.23771	400.9899
0	0	0.002066	0.011749	0.013815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005284	0.014811	0.018064	0.054191	0.087067	868.8633	0	73.55048	942.4138	0.774176	0	0.270861	1.045037	0.177927	0	0.011902	0.18983	5.040238	0	2.011368	7.051606	3.57201	5.552682	5.957395	22.13369	6.089701	0	2.186929	8.27663	3.57201	5.552682	5.957395	23.35872	57.82753	0	12.2579	70.08543	0.00859	0	0.000727	0.009317	0.039978	99.37635
0.043249	0.268507	1.383822	1.586433	3.238762	69586.19	0	2140.934	71727.12	0.606701	0	1.872137	2.478838	1.155991	0	0.806332	1.962323	2.466747	0	9.115271	11.58202	8.765207	2.11788	6.445271	28.91038	3.599471	0	9.980075	13.57955	8.765207	2.11788	6.445271	30.9079	157.6492	0	74.58073	232.2299	0.68793	0	0.021165	0.709096	6.49523	7563.535
0	0.01576	0.02107	0.024401	0.06123	1070.402	0	0	1070.402	0.001708	0	0	0.001708	0.168642	0	0	0.168642	0.03678	0	0	0.03678	0	0	0	0.03678	0.041872	0	0	0.041872	0	0	0	0.041872	0.687239	0	0	0.687239	0.010143	0	0	0.010143	0.008164	95.61856
0	0	0.023885	0.013041	0.036926	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000389	0.001612	0.019238	0.009569	0.030419	307.2759	0	19.52153	326.7974	0.001017	0	0.008988	0.010006	0.001256	0	0.004417	0.005673	0.003255	0	0.036981	0.040235	0.019654	0.006735	0.006294	0.072918	0.004749	0	0.040489	0.045238	0.019654	0.006735	0.006294	0.077921	0.495625	0	0.283844	0.779469	0.003038	0	0.000193	0.003231	0.044971	34.46038
3.01E-06	0.001041	0.00898	0.03296	0.042981	1391.549	0	0.249881	1391.799	0.007589	0	0.000293	0.007882	0.015993	0	0.000393	0.016387	0.031227	0	0.001172	0.032399	0.360225	0.086186	0.00208	0.480891	0.045566	0	0.001283	0.04685	0.360225	0.086186	0.00208	0.495341	0.75262	0	0.025295	0.777915	0.013757	0	2.47E-06	0.013759	0.033645	146.7635
0	0.037568	0.005787	0.015874	0.059229	378.2132	0	0	378.2132	0.001686	0	0	0.001686	0.059588	0	0	0.059588	0.036302	0	0	0.036302	0	0	0	0.036302	0.041327	0	0	0.041327	0	0	0	0.041327	0.131675	0	0	0.131675	0.003584	0	0	0.003584	0.054502	33.78563
0.000501	0.003723	0.032737	0.119856	0.156316	4513.045	26.72012	44.73415	4584.499	0.02346	0.013446	0.044184	0.08109	0.044526	0.00037	0.032139	0.077035	0.112074	0.051149	0.234491	0.397715	0.133543	0.030443	0.248035	0.809735	0.163539	0.074636	0.256738	0.494913	0.133543	0.030443	0.248035	0.906934	2.524775	0.744971	4.942596	8.212343	0.044616	0.000264	0.000442	0.045322	0.122765	483.4297
0	0.129121	0.163879	0.604267	0.897266	14970.87	704.0604	0	15674.93	0.010584	0.003142	0	0.013726	2.358667	0.110925	0	2.469592	0.227861	0.067655	0	0.295516	0	0	0	0.295516	0.259403	0.07702	0	0.336423	0	0	0	0.336423	1.00632	2.393696	0	3.400017	0.141765	0.006667	0	0.148432	2.922738	1400.236
0	0	0.005474	0.010085	0.015558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000307	0.002189	0.008099	0.010596	163.7854	21.96616	0	185.7515	0.117813	0.068452	0	0.186265	0.033389	0.004478	0	0.037867	0.001683	0.000978	0	0.002661	0	0	0	0.002661	0.120237	0.06986	0	0.190098	0	0	0	0.190098	0.464186	0.154179	0	0.618365	0	0	0	0	0.193391	21.47004
8.11E-05	0.000652	0.006651	0.024555	0.031858	933.624	4.871625	8.097241	946.5929	0.006275	0.002528	0.009186	0.017988	0.011785	6.49E-05	0.007854	0.019704	0.030513	0.00968	0.049073	0.089266	0.047471	0.010223	0.052443	0.199404	0.044524	0.014125	0.053729	0.112378	0.047471	0.010223	0.052443	0.222516	0.709882	0.074939	1.013932	1.798753	0.00923	4.82E-05	8E-05	0.009358	0.024935	99.81704
0	0.026913	0.009708	0.047815	0.084435	1078.465	30.46001	0	1108.925	0.002372	0.000497	0	0.002869	0.169913	0.004799	0	0.174712	0.051077	0.010699	0	0.061775	0	0	0	0.061775	0.058147	0.01218	0	0.070326	0	0	0	0.070326	0.168642	0.166227	0	0.334869	0.010212	0.000288	0	0.010501	0.171642	99.05986
0	0	0.000181	0.000333	0.000514	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	5.76E-05	0.000616	0.002283	0.002956	45.97754	1.086016	0	47.06355	0.032451	0.003807	0	0.036258	0.009373	0.000221	0	0.009594	0.000464	5.44E-05	0	0.000518	0	0	0	0.000518	0.033119	0.003886	0	0.037004	0	0	0	0.037004	0.138553	0.006691	0	0.145244	0	0	0	0	0.054372	5.439829
1.73E-05	0.000424	0.003122	0.017862	0.021408	330.2785	19.04825	1.67856	351.0053	0.004658	0.018236	0.002202	0.025097	0.011102	0.000599	0.002018	0.013719	0.022647	0.078296	0.012485	0.113428	0.018564	0.00413	0.011576	0.147697	0.033047	0.114249	0.01367	0.160966	0.018564	0.00413	0.011576	0.195234	0.533401	0.605235	0.284889	1.423525	0.003265	0.000188	1.66E-05	0.00347	0.017563	37.01307
0	0.011402	0.005438	0.020564	0.037404	524.5396	46.46088	0	571.0004	0.001535	0.000161	0	0.001697	0.082641	0.00732	0	0.089961	0.033054	0.003476	0	0.03653	0	0	0	0.03653	0.03763	0.003957	0	0.041586	0	0	0	0.041586	0.095655	0.093378	0	0.189033	0.004967	0.00044	0	0.005407	0.065509	51.00724
0	0	0.00015	0.00032	0.00047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000623	0.001531	0.005916	0.00807	197.4059	22.10368	0	219.5096	0.514396	0.075424	0	0.58982	0.040242	0.004506	0	0.044748	0.00735	0.001078	0	0.008427	0	0	0	0.008427	0.524978	0.076976	0	0.601955	0	0	0	0.601955	1.709551	0.131858	0	1.841409	0	0	0	0	0.135211	25.37196
7.58E-06	0.000386	0.002638	0.026871	0.029896	348.7	0	0.96137	349.6613	0.000762	0	0.00107	0.001831	0.003211	0	0.000898	0.004109	0.002376	0	0.004399	0.006775	0.001411	0.000423	0.00125	0.009859	0.003467	0	0.004816	0.008283	0.001411	0.000423	0.00125	0.011368	0.120476	0	0.100933	0.221409	0.003447	0	9.5E-06	0.003457	0.012174	36.87135
0	0.002581	0.011592	0.040916	0.055089	451.8876	0	0	451.8876	0.001156	0	0	0.001156	0.071195	0	0	0.071195	0.024892	0	0	0.024892	0	0	0	0.024892	0.028338	0	0	0.028338	0	0	0	0.028338	0.028687	0	0	0.028687	0.004282	0	0	0.004282	0.08197	40.36694

0	0	0.00256	0.004352	0.006913	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000506	0.03256	0.109416	0.142482	2058.961	0	0	2058.961	3.060033	0	0	3.060033	0.419733	0	0	0.419733	0.044665	0	0	0.044665	0	0	0	0	0.044665	3.124018	0	0	3.124018	0	0	0	0	3.124018	40.18023	0	0	40.18023	0	0	0	0	0.967364	237.9845
1.49E-06	1.33E-05	0.000164	0.000732	0.00091	16.66475	0	0.096205	16.76096	0.000919	0	2.26E-07	0.00092	0.001267	0	1.27E-05	0.001279	0.004708	0	1.19E-06	0.004709	0.000472	0.000124	0.001082	0	0.006387	0.00687	0	1.3E-06	0.006871	0.000472	0.000124	0.001082	0	0.008549	0.25203	0	0.009187	0.261217	0.000165	0	9.51E-07	0.000166	0.000369	1.767422
0	1.412573	1.773166	3.897345	7.083084	73811.74	5003.462	0	78815.2	0.030977	0.1069	0	0.137877	11.62907	0.788298	0	12.41737	0.666932	2.301519	0	2.96845	0	0	0	0	2.96845	0.759251	2.620104	0	3.379355	0	0	0	0	3.379355	2.880467	33.7799	0	36.66037	0.698953	0.04738	0	0.746333	10.86929	7040.531
0	0	0.040062	0.048464	0.088526	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003246	0.051649	0.220019	0.274913	1758.122	199.2652	0	1957.387	2.062355	0.525007	0	2.587362	0.358405	0.040622	0	0.399026	0.047602	0.008192	0	0.055794	0	0	0	0	0.055794	2.125446	0.536595	0	2.662041	0	0	0	0	2.662041	12.84928	1.5187	0	14.36798	0	0	0	0	1.133199	226.2441
0.120089	0.767502	4.37371	4.183584	9.324796	143721.3	0	4150.775	147872.1	1.022716	0	3.706269	4.728985	2.186738	0	1.9359	4.122638	3.658721	0	16.30492	19.96364	19.85887	5.283563	14.54196	0	59.64803	5.338798	0	17.85183	23.19063	19.85887	5.283563	14.54196	0	62.87502	350.9637	0	166.9388	517.9026	1.420831	0	0.041035	1.461866	20.72131	15592.93
0	0.011728	0.008111	0.0079	0.027739	234.8271	0	0	234.8271	0.001118	0	0	0.001118	0.036997	0	0	0.036997	0.024071	0	0	0.024071	0	0	0	0	0.024071	0.027403	0	0	0.027403	0	0	0	0	0.027403	0.358635	0	0	0.358635	0.002225	0	0	0.002225	0.003143	20.97701
0	0	0.414858	0.227079	0.641937	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003762	0.015695	0.178346	0.088606	0.282646	2926.933	0	127.0532	3053.986	0.009719	0	0.084657	0.094376	0.012017	0	0.041645	0.053662	0.03104	0	0.347834	0.378874	0.259157	0.086451	0.095081	0	0.819563	0.045294	0	0.380834	0.426128	0.259157	0.086451	0.095081	0	0.866817	4.714533	0	2.670209	7.384741	0.028936	0	0.001256	0.030192	0.412473	322.039
0.015461	0.097118	0.360915	0.424994	0.883027	14393.62	0	471.3117	14864.93	0.269483	0	0.550358	0.819841	0.395154	0	0.212751	0.607905	1.182776	0	2.812178	3.994954	3.978466	1.012236	2.959065	0	11.94472	1.725904	0	3.078981	4.804885	3.978466	1.012236	2.959065	0	12.75465	60.94358	0	27.482	88.37178	0.142296	0	0.004659	0.146955	1.726431	1567.488
0	0.000467	1.9E-05	2.47E-05	0.000511	0.943798	0	0	0.943798	3.36E-05	0	0	3.36E-05	0.000149	0	0	0.000149	0.000723	0	0	0.000723	0	0	0	0	0.000723	0.000823	0	0	0.000823	0	0	0	0	0.000823	0.005113	0	0	0.005113	8.94E-06	0	0	8.94E-06	7.37E-06	0.084309
0	0	0.002594	0.001418	0.004012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.66E-05	0.000111	0.002058	0.001032	0.003201	30.96923	0	1.427713	32.39694	0.000103	0	0.000892	0.000995	0.000127	0	0.000439	0.000566	0.000329	0	0.003664	0.003994	0.00153	0.00051	0.000436	0	0.006469	0.000481	0	0.004012	0.004493	0.00153	0.00051	0.000436	0	0.006968	0.050007	0	0.028116	0.078123	0.000306	0	1.41E-05	0.00032	0.004515	3.416217
0.063587	0.416686	2.312954	2.615308	5.344949	92651.7	0	2704.414	95356.11	0.709923	0	2.30432	3.014243	1.453232	0	1.149035	2.602267	2.652737	0	10.28622	12.93895	10.09038	2.543541	7.33901	0	32.91188	3.870868	0	11.26211	15.13298	10.09038	2.543541	7.33901	0	35.10591	215.5255	0	102.0683	317.5938	0.915956	0	0.026736	0.942692	11.26998	10055.18
0	0.004888	0.008647	0.00974	0.023275	318.2435	0	0	318.2435	0.000773	0	0	0.000773	0.050139	0	0	0.050139	0.016633	0	0	0.016633	0	0	0	0	0.016633	0.018936	0	0	0.018936	0	0	0	0	0.018936	0.170852	0	0	0.170852	0.003016	0	0	0.003016	0.003351	28.42857
0	0	0.026545	0.014498	0.041043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000571	0.002356	0.034871	0.017419	0.054647	545.2458	0	27.82988	573.0757	0.001809	0	0.015961	0.01777	0.002228	0	0.00784	0.010068	0.00579	0	0.065706	0.071496	0.030216	0.01016	0.009133	0	0.121004	0.008449	0	0.07194	0.080388	0.030216	0.01016	0.009133	0	0.129897	0.879321	0	0.504331	1.383651	0.00539	0	0.000275	0.005665	0.079594	60.43012
0.002381	0.032664	0.170181	1.659268	1.862113	15187.62	65.28776	214.1663	15467.07	0.114239	0.0599	0.249106	0.423245	0.157575	0.001622	0.399966	0.559163	0.559666	0.214861	1.216779	1.991306	1.5699	0.368085	2.184714	0	6.114005	0.816663	0.313525	1.33222	2.462408	1.5699	0.368085	2.184714	0	6.585106	21.06988	2.112729	26.90114	50.08375	0.150145	0.000645	0.002117	0.152908	0.957269	1630.983
0	0.499994	0.184078	1.196509	1.880582	8703.311	53.15976	0	8756.471	0.09942	0.002094	0	0.101515	1.37121	0.008375	0	1.379586	2.140463	0.045092	0	2.185555	0	0	0	0	2.185555	2.436774	0.051334	0	2.488109	0	0	0	0	2.488109	6.041795	0.373747	0	6.415542	0.082468	0.000504	0	0.082972	2.742843	782.2121
0	0	0.012912	0.062948	0.07586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000231	0.003593	0.022811	0.25948	0.285885	2293.308	10.61859	29.19169	2333.118	0.008717	0.008341	0.033661	0.050719	0.019806	0.000221	0.055421	0.075448	0.038469	0.029902	0.161119	0.22949	0.209424	0.047121	0.271212	0	0.757247	0.056134	0.043632	0.176405	0.276172	0.209424	0.047121	0.271212	0	0.803929	1.981033	0.2966	3.567255	5.844888	0.022672	0.000105	0.000289	0.023065	0.128314	246.0244
0	0.187605	0.078566	0.595789	0.861959	4393.726	35.44617	0	4429.172	0.037123	0.000878	0	0.038001	0.692233	0.005585	0	0.697818	0.799229	0.018911	0	0.818141	0	0	0	0	0.818141	0.909869	0.021529	0	0.931399	0	0	0	0	0.931399	2.095971	0.156747	0	2.252718	0.041633	0.000336	0	0.041969	1.250489	395.6562
0	0	0.003156	0.017947	0.021102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005268	0.014855	0.018053	0.054158	0.087065	866.3358	0	72.36591	938.7017	0.757507	0	0.265358	1.022864	0.175717	0	0.011518	0.187234	4.894199	0	1.963037	6.857236	3.555747	5.572939	5.989125	0	21.97505	5.932136	0	2.134596	8.066732	3.555747	5.572939	5.989125	0	23.18454	56.39475	0	12.25241	68.64986	0.008565	0	0.000715	0.00928	0.040109	98.98492
0.041352	0.254677	1.385947	1.590846	3.23147	68257.65	0	2098.466	70356.11	0.555496	0	1.760394	2.31589	1.077702	0	0.784089	1.861791	2.2263	0	8.468824	10.69512	8.524652	2.032093	6.250937	0	27.50281	3.248612	0	9.272296	12.52091	8.524652	2.032093	6.250937	0	29.32859	149.4608	0	71.10039	220.5612	0.674796	0	0.020745	0.695542	6.600732	7418.964
0	0.013563	0.020522	0.023888	0.057973	1026.533	0	0	1026.533	0.001566	0	0	0.001566	0.161731	0	0	0.161731	0.033723	0	0	0.033723	0	0	0	0	0.033723	0.038391	0	0	0.038391	0	0	0	0	0.038391	0.653735	0	0	0.653735	0.009727	0	0	0.009727	0.007952	91.69979
0	0	0.027645	0.015104	0.042749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000404	0.001632	0.021403	0.010672	0.033707	336.8734	0	21.69844	358.5718	0.001112	0	0.010088	0.0112	0.001369	0	0.004942	0.006311	0.003569	0	0.041646	0.045215	0.023234	0.007664	0.007767	0	0.083879	0.005207	0	0.045597	0.050805	0.023234	0.007664	0.007767	0	0.089469	0.543334	0	0.319664	0.862998	0.00333	0	0.000215	0.003545	0.049297	37.81095
2.78E-06	0.00097	0.008653	0.031755	0.041378	1340.187	0	0.23771	1340.425	0.006447	0	0.000278	0.006725	0.014491	0	0.000386	0.014877	0.02571	0	0.001099	0.026809	0.328789	0.077347	0.001879	0	0.434823	0.037516	0	0.001203	0.038719	0.328789	0.077347	0.001879	0	0.446733	0.592933	0	0.023576	0.616509	0.013249	0	2.35E-06	0.013251	0.032447	141.3461
0	0.035464	0.005728	0.015711	0.056902	374.4093	0	0	374.4093	0.00163	0	0	0.00163	0.058988	0	0	0.058988	0.035094	0	0	0.035094	0	0	0	0	0.035094	0.039952	0	0	0.039952	0	0	0	0	0.039952	0.126589	0	0	0.126589	0.003548	0	0	0.003548	0.055405	33.44584
0.000479	0.003621	0.031809	0.116464	0.151894	4343.983	25.84585	43.01046	4412.84	0.019953	0.013165	0.042138	0.075256	0.039074	0.000356	0.03058	0.07001	0.093967	0.049915	0.221491	0.365373	0.126507	0.028155	0.233263	0	0.753298	0.137116	0.072836	0.242504	0.452457	0.126507	0.028155	0.233263	0	0.840382	2.077245	0.726747	4.639119	7.443112	0.042945	0.000256	0.000425	0.043625	0.119283	465.3284
0	0.115277	0.163503	0.60286	0.88164	14849.06	704.2886	0	15553.34	0.00937	0.003068	0	0.012439	2.339475	0.110961	0	2.450436	0.201744	0.066063	0	0.267807	0	0	0	0	0.267807	0.22967	0.075208	0	0.304878	0	0	0	0	0.304878	0.93276	2.416209	0	3.348969	0.140612	0.006669	0	0.147281	2.92774	1389.374
0	0	0.008787	0.01619	0.024977	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000321	0.002239	0.008282	0.010842	166.9634	22.90807	0	189.8715	0.121074	0.070714	0	0.191788	0.034037	0.00467	0	0.038707	0.00173	0.00101	0	0.00274	0	0	0	0	0.00274	0.123565	0.072169	0	0.195734	0	0	0	0	0.195734	0.473023	0.163349	0	0.636372	0	0	0	0	0.197748	21.94625
7.86E-05	0.00063	0.006281	0.023185	0.030096	873.522	4.678898	7.764235	885.9652	0.005488	0.002435	0.008816	0.01674	0.010432	6.13E-05	0.007461	0.017955	0.026633	0.009345	0.047223	0.083201	0.048036	0.010022	0.0531	0	0.194359	0.038863	0.013636	0.051703	0.104202	0.048036	0.010022	0.0531	0	0.21536	0.621386	0.07234	0.966307	1.660033	0.008636	4.63E-05	7.68E-05	0.008759	0.023553	93.42392
0	0.025909	0.009752	0.048261	0.083922	1070.905	31.03065	0	1101.936	0.002284	0.000511	0	0.002795	0.168722	0.004889	0	0.17361	0.049181	0.011004	0	0.060185	0	0	0	0	0.060185	0.055989	0.012527	0	0.068516	0	0	0	0	0.068516	0.163423	0.171361	0	0.334785	0.010141	0.000294	0	0.010435	0.172683	98.43547
0	0	0.00028	0.000516	0.000796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	6.09E-05	0.000624	0.002316	0.003001	46.09043	1.116147	0	47.20658	0.033214	0.003875	0	0.037089	0.009396	0.000228	0	0.009623	0.000475	5.54E-05	0	0.00053	0	0	0	0	0.00053	0.033897	0.003955	0	0.037852	0	0	0	0	0.037852	0.13997	0.00712	0	0.14709	0	0	0	0	0.055156	5.45636
1.74E-05	0.000417	0.003138	0.01795	0.021505	330.8378	19.12039	1.675868	351.634	0.00431	0.018388	0.002205	0.024902	0.01069	0.000596	0.002047	0.013332	0.020904	0.078874	0.012464	0.112242	0.020468	0.004292	0.012838	0	0.14984	0.030503	0.115093	0.013646	0.159242	0.020468	0.004292	0.012838	0	0.19684	0.49369	0.609617	0.280602	1.383909	0.003271	0.000189	1.66E-05	0.003476	0.017648	37.07937
0	0.010493	0.005344	0.020205	0.036041	513.0342	45.55118	0	558.5854	0.001434	0.000158	0	0.001592	0.080829	0.007177	0	0.088005	0.030868	0.003411	0	0.034279	0	0	0	0	0.034279	0.03514	0.003883	0	0.039024	0	0	0	0	0.039024	0.090379	0.095141	0	0.18552	0.004858	0.000431	0	0.005289	0.066754	49.89821
0	0	0.000239	0.000508	0.000747	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000635	0.001556	0.006016	0.008207	199.6693	22.74946	0	222.4187	0.517631	0.077139	0	0.594771	0.040704	0.004638	0	0.045342	0.007396	0.001102	0	0.008498	0	0	0	0	0.008498	0.528281	0.078726	0	0.607007	0	0	0	0	0.607007	1.711938	0.137553	0	1.849491	0	0	0	0	0.137479	25.70821
7.46E-06	0.000383	0.002603	0.026561	0.029547	340.8351	0	0.943495	341.7786	0.000732	0	0.00105	0.001782	0.003157	0	0.000872	0.004029	0.002281	0	0.004324	0.006605	0.001362	0.000392	0.001255	0	0.009614	0.003328	0	0.004734	0.008062	0.001362	0.000392	0.001255	0	0.011071	0.120015	0	0.099451	0.219467	0.00337	0	9.33E-06	0.003379	0.012055	36.04013
0	0.002429	0.010875	0.038703	0.052007	420.7743	0	0	420.7743	0.001086	0	0	0.001086	0.066293	0	0	0.066293	0.023391	0	0	0.023391	0	0	0	0	0.023391	0.026629	0	0	0.026629	0	0	0	0	0.026629	0.026981	0	0	0.026981	0.003987	0	0	0.003987	0.077549	37.5876
0	0	0.004635	0.007918	0.012553	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000482	0.031592	0.10612	0.138195	1969.821	0	0	1969.821	3.169	0	0	3.169	0.401561	0	0	0.401561	0.046193	0	0	0.046193	0	0	0	0	0.046193	3.235195	0	0	3.235195	0	0	0	0	3.235195	40.57631	0	0	40.57631	0	0	0	0	0.938313	227.6813
1.12E-06	1.15E-05	0.000157	0.000698	0.000867	15.64751	0	0.084256	15.73177	0.00078	0	1.99E-07	0.00078	0.001133	0	1.03E-05	0.001143	0.003798	0	1.05E-06	0.003799	0.000373	9.54E-05	0.000834	0	0.0051	0.005541	0	1.15E-06	0.005542	0.000373	9.54E-05	0.000834	0	0.006844	0.219364	0	0.007808	0.227172	0.000155	0	8.33E-07	0.000156	0.000354	1.658895
0	1.422542	1.792419	3.965928	7.18089	73280.6	4985.457	0	78266.06	0.030615	0.108348	0	0.138963	11.54539	0.785461	0	12.33085	0.659128	2.332707	0	2.991835	0	0	0	0	2.991835	0.750367	2.655609	0	3.405976	0	0	0	0	3.405976	2.796569	34.27002	0	37.06659	0.693923	0.047209	0	0.741133	10.99598	6991.476
0	0	0.056993	0.069596	0.12659	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003213	0.05228	0.223261	0.278754	1762.595	202.6013	0	1965.196	1.97052	0.523219	0	2.493739	0.359317	0.041302	0	0.400618	0.044432	0.008096	0	0.052528	0	0	0	0	0.052528	2.029605	0.53469	0	2.564295	0	0	0	0	2.564295	12.59285	1.550973	0	14.14382	0	0	0	0	1.145923	227.1467
0.11409	0.722107	4.358276	4.165745	9.246128	140721.1	0	4055.979	144777.1	0.954197	0	3.514592	4.46879	2.113803	0	1.892084	4.005887	3.362002	0	15.34195	18.70396	19.13956	5.023199	14.01112	0	56.87784	4.905825	0	16.79751	21.70333	19.13956	5.023199	14.01112	0	59.87722	337.0652	0	159.0886	496.1538	1.391171	0	0.040097	1.431269	21.00848	15266.56
0	0.008732	0.007243	0.007058	0.023033	206.7634	0	0	206.7634	0.000872	0	0	0.000872	0.032576	0	0	0.032576	0.018771	0	0	0.018771	0	0	0	0	0.018771	0.02137	0	0	0.02137	0	0	0	0	0.02137	0.301368	0	0	0.301368	0.001959	0	0	0.001959	0.002806	18.47009
0	0	0.439054	0.240417	0.679471	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003712	0.01509	0.183621	0.091393	0.290105	2970.74	0	131.0836	3101.824	0.00983	0	0.087978	0.097809	0.012124	0	0.043141	0.055265	0.031496	0	0.362691	0.394187	0.281201	0.090496	0.106317	0	0.872202	0.045959	0	0.397101	0.44306	0.281201	0.090496	0.106317	0	0.921075	4.784626	0	2.784389	7.569015	0.029369	0	0.001296	0.030665	0.421267	327.0834
0.014237	0.088671	0.354138	0.416591	0.8594	13886.88	0	451.9717	14338.85	0.238583	0	0.505407	0.74399	0.357957	0	0.20277	0.560727	1.038273	0	2.554954	3.593226	3.737705	0.936776	2.747318	0	11.01503	1.515045	0	2.797353	4.312398	3.737705	0.936776	2.747318	0	11.7342	55.30741	0	25.0128	80.32022	0.137286	0	0.004468	0.141754	1.706609	1512.014
0	0.000235	1.07E-05	1.36E-05	0.000259	0.527811	0	0	0.527811	1.69E-05	0	0	1.69E-05	8.32E-05	0	0	8.32E-05	0.000365	0	0	0.000365	0	0	0	0	0.000365	0.000415	0	0	0.000415	0	0	0	0	0.000415	0.00259	0	0	0.00259	5E-06	0	0	5E-06	4.14E-06	0.047149
0	0	0.00315	0.001721	0.004871	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.02E-05	0.000124	0.002488	0.001248	0.00386	37.1965	0	1.735486	38.93199	0.000124	0	0.001088	0.001212	0.000152	0	0.000535	0.000686	0.000396	0	0.004481	0.004877	0.00187	0.000622	0.000531	0	0.0079	0.000577	0	0.004906	0.005484	0.00187	0.000622	0.000531	0	0.008506	0.060051	0	0.034384	0.094435	0.000368	0	1.72E-05	0.000385	0.005425	4.10533
0.061424	0.398237	2.340645	2.648649	5.387531	92058.56	0	2688.987	94747.55	0.676764	0	2.232839	2.909602	1.409462	0	1.145908	2.55537	2.49408	0	9.881192	12.37527	9.791476	2.457451	7.105116	0	31.72931	3.639355	0	10.81866	14.45802	9.791476	2.457451	7.105116	0	33.81206	210.6522	0	99.45977	310.1119	0.910093	0	0.026583	0.936676	11.54082	9991.011
0	0.004873	0.00877	0.009893	0.023535	317.4943	0	0	317.4943	0.000777	0	0	0.000777	0.050021	0	0	0.050021	0.016723	0	0	0.016723	0	0	0	0	0.016723	0.019038	0	0	0.019038	0	0	0	0	0.019038	0.17262	0	0	0.17262	0.003008	0	0	0.003008	0.003398	28.36164
0	0	0.030826	0.016844	0.047669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000599	0.002418	0.038442	0.019231	0.060092	594.9412	0	30.86258	625.8038	0.001968	0	0.0178	0.019768	0.002418	0	0.008717	0.011135	0.006316	0	0.073505	0.079821	0.035076	0.011669	0.010924	0	0.13749	0.009217	0	0.080478	0.089695	0.035076	0.011669	0.010924	0	0.147365	0.959283	0	0.56421	1.523493	0.005882	0	0.000305	0.006187	0.086882	65.99023
0.002191	0.031405	0.167249	1.63068	1.829335	14719.43	63.91338	210.0298	14993.37	0.099435	0.057952	0.236394	0.393781	0.139918	0.001582	0.387277	0.528777	0.481631	0.206793	1.145339	1.833763	1.450955	0.340182	2.020101	0	5.645002	0.702795	0.301752	1.254003	2.258549	1.450955	0.340182	2.020101	0	6.069788	19.17208	2.083748	26.46979	47.72562	0.145517	0.000632	0.002076	0.148225	0.940777	1581.032
0	0.463087	0.180373	1.172427	1.815888	8488.656	51.99211	0	8540.648	0.092037	0.002065	0	0.094102	1.337391	0.008191	0	1.345583	1.981497	0.044462	0	2.02596	0	0	0	0	2.02596	2.255803	0.050617	0	2.30642	0	0	0	0	2.30642	5.540204	0.368525	0	5.908729	0.080434	0.000493	0	0.080927	2.750855	762.9327
0	0	0.018365	0.089529	0.107894	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00021	0.003443	0.022248	0.253074	0.278766	2208.093	10.34489	28.4447	2246.883	0.007422	0.008002	0.031823	0.047247	0.017595	0.000213	0.05333	0.071139	0.032116	0.028573	0.151387	0.212076	0.19728	0.043905	0.254689	0	0.70795	0.046864	0.041094	0.165749	0.254308	0.19728	0.043905	0.254689	0	0.750181	1.841925	0.290867	3.504341	5.637133	0.021829	0.000102	0.000281	0.022213	0.125147	236.931
0	0.179062	0.077785	0.589871	0.846718	4320.995	35.23155	0	4356.227	0.035335	0.000879	0	0.036214	0.680775	0.005551	0	0.686325	0.760733	0.018934	0	0.779667	0	0	0	0	0.779667	0.866044	0.021556	0	0.887599	0	0	0	0	0.887599	1.990752	0.156938	0	2.14769	0.040944	0.000334	0	0.041277	1.255855	389.14
0	0	0.004492	0.025547	0.030039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005264	0.01491	0.018044	0.054132	0.087086	864.2333	0	71.30333	935.5366	0.742609	0	0.260382	1.002991	0.173746	0	0.011164	0.18491	4.763543	0	1.919266	6.682809	3.545414	5.595382	6.023567	0	21.84717	5.791118	0	2.087207	7.878325	3.545414	5.595382	6.023567	0	23.04269	55.11706	0	12.2557	67.37276	0.008544	0	0.000705	0.009249	0.04023	98.65117
0.039521	0.241376	1.387996	1.593758	3.223131	67053.63	0	2059.926	69113.56	0.511825	0	1.662968	2.174793	1.011871	0	0.766688	1.778559	2.019771	0	7.908885	9.928655	8.156175	1.93762	5.956727	0	25.97918	2.947245	0	8.659233	11.60648	8.156175	1.93762	5.956727	0	27.657	142.216	0	68.09774	210.3138	0.662893	0	0.020364	0.683258	6.699263	7287.938
0	0.01178	0.019997	0.023345	0.055122	985.3252	0	0	985.3252	0.001414	0	0	0.001414	0.155238	0	0	0.155238	0.030448	0	0	0.030448	0	0	0	0	0.030448	0.034663	0	0	0.034663	0	0	0	0	0.034663	0.618223	0	0	0.618223	0.009336	0	0	0.009336	0.007749	88.01871
0	0	0.031425	0.017181	0.048606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000418	0.00165	0.023554	0.011765	0.036969	366.2931	0	23.91791	390.2111	0.001205	0	0.011206	0.012411	0.00148	0	0.005473	0.006953	0.00388	0	0.046402	0.050282	0.02539	0.008307	0.008433	0	0.092412	0.005662	0	0.050804	0.056467	0.02539	0.008307	0.008433	0	0.098596	0.5907	0	0.356179	0.946878	0.003621	0	0.000236	0.003858	0.053606	41.14727
2.56E-06	0.000902	0.008348	0.030634	0.039883	1292.345	0	0.226217	1292.572	0.005275	0	0.000264	0.005539	0.013071	0	0.000379	0.01345	0.019896	0	0.001034	0.02093	0.293803	0.068359	0.001661	0	0.384753	0.029032	0	0.001132	0.030164	0.293803	0.068359	0.001661	0	0.393987	0.419549	0	0.021976	0.441525	0.012776	0	2.24E-06	0.012778	0.031304	136.3001
0	0.033442	0.005671	0.015553	0.054666	370.7495	0	0	370.7495	0.001575	0	0	0.001575	0.058412	0	0	0.058412	0.033917	0	0	0.033917	0	0	0	0	0.033917	0.038613	0	0	0.038613	0	0	0	0	0.038613	0.121632	0	0	0.121632	0.003513	0	0	0.003513	0.056267	33.11891
0.000459	0.003509	0.030752	0.112601	0.146862	4162.342	24.93934	41.26079	4228.542	0.016933	0.012845	0.040137	0.069915	0.034183	0.000341	0.029145	0.06367	0.078374	0.048579	0.20895	0.335904	0.117474	0.025761	0.214866	0	0.694005	0.114364	0.070887	0.228774	0.414025	0.117474	0.025761	0.214866	0	0.772125	1.701155	0.70709	4.344683	6.752928	0.041149	0.000247	0.000408	0.041803	0.115319	445.8945
0	0.103301	0.162161	0.597884	0.863346	14640.78	700.5225	0	15341.3	0.008333	0.002995	0	0.011328	2.306661	0.110368	0	2.417029	0.179403	0.064485	0	0.243888	0	0	0	0	0.243888	0.204236	0.073412	0	0.277648	0	0	0	0	0.277648	0.866891	2.424635	0	3.291526	0.138639	0.006634	0	0.145273	2.913401	1370.433
0	0	0.01331	0.024523	0.037833	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000332	0.002272	0.008407	0.011011	169.0049	23.68771	0	192.6926	0.123373	0.072528	0	0.195901	0.034453	0.004829	0	0.039282	0.001763	0.001036	0	0.002799	0	0	0	0	0.002799	0.125911	0.07402	0	0.199931	0	0	0	0	0.199931	0.478686	0.171191	0	0.649877	0	0	0	0	0.200714	22.27233
7.53E-05	0.000602	0.005907	0.021804	0.028314	814.3304	4.481858	7.418999	826.2313	0.004773	0.002339	0.008381	0.015494	0.009195	5.78E-05	0.00708	0.016333	0.023047	0.008996	0.044856	0.0769	0.046667	0.009573	0.051507	0	0.184647	0.03363	0.013128	0.049112	0.09587	0.046667	0.009573	0.051507	0	0.203617	0.536538	0.069637	0.915528	1.521702	0.00805	4.43E-05	7.33E-05	0.008168	0.022153	87.12506
0	0.024618	0.009797	0.048699	0.083114	1063.859	31.43488	0	1095.294	0.002172	0.000522	0	0.002693	0.167611	0.004953	0	0.172564	0.046758	0.011229	0	0.057987	0	0	0	0	0.057987	0.05323	0.012784	0	0.066014	0	0	0	0	0.066014	0.157437	0.175378	0	0.332815	0.010074	0.000298	0	0.010372	0.173789	97.84218
0	0	0.000412	0.00076	0.001172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	6.34E-05	0.000631	0.00234	0.003034	46.1124	1.140198	0	47.25259	0.033784	0.003927	0	0.037711	0.0094	0.000232	0	0.009633	0.000483	5.61E-05	0	0.000539	0	0	0	0	0.000539	0.034479	0.004007	0	0.038487	0	0	0	0	0.038487	0.140999	0.007483	0	0.148482	0	0	0	0	0.055734	5.461679
1.75E-05	0.000416	0.003148	0.018012	0.021577	331.0318	19.17282	1.674949	351.8795	0.004044	0.018502	0.002229	0.024775	0.010452	0.000591	0.002094	0.013136	0.019582	0.079318	0.012585	0.111486	0.022777	0.004548	0.014508	0	0.153319	0.028574	0.115741	0.013779	0.158094	0.022777	0.004548	0.014508	0	0.199928	0.460984	0.613017	0.277867	1.351869	0.003273	0.00019	1.66E-05	0.003479	0.017709	37.10526
0	0.009576	0.005231	0.019775	0.034583	499.8445	44.44307	0	544.2876	0.001326	0.000155	0	0.001481	0.078751	0.007002	0	0.085753	0.028544	0.00334	0	0.031884	0	0	0	0	0.031884	0.032496	0.003802	0	0.036298	0	0	0	0	0.036298	0.084691	0.096585	0	0.181276	0.004733	0.000421	0	0.005154	0.067691	48.62099
0	0	0.00036	0.000765	0.001125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000645	0.001575	0.006087	0.008307	201.1015	23.31743	0	224.4189	0.51894	0.078633	0	0.597573	0.040996	0.004753	0	0.045749	0.007415	0.001124	0	0.008538	0	0	0	0	0.008538	0.529617	0.080251	0	0.609868	0	0	0	0	0.609868	1.708683	0.142615	0	1.851298	0	0	0	0	0.139117	25.9394
7.36E-06	0.000383	0.002592	0.02648	0.029455	338.0709	0	0.926767	338.9977	0.000718	0	0.001018	0.001736	0.003144	0	0.000844	0.003989	0.002234	0	0.004169	0.006403	0.001224	0.000346	0.001188	0	0.009161	0.00326	0	0.004564	0.007824	0.001224	0.000346	0.001188	0	0.010582	0.119913	0	0.098036	0.217949	0.003342	0	9.16E-06	0.003351	0.012029	35.74689
0	0.002247	0.010013	0.035804	0.048063	384.3089	0	0	384.3089	0.000998	0	0	0.000998	0.060548	0	0	0.060548	0.021493	0	0	0.021493	0	0	0	0	0.021493	0.024468	0	0	0.024468	0	0	0	0	0.024468	0.024809	0	0	0.024809	0.003642	0	0	0.003642	0.071754	34.33016
0	0	0.007147	0.012076	0.019223	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000466	0.030306	0.102098	0.13287	1859.179	0	0	1859.179	3.293071	0	0	3.293071	0.379006	0	0	0.379006	0.04794	0	0	0.04794	0	0	0	0	0.04794	3.36179	0	0	3.36179	0	0	0	0	3.36179	40.85228	0	0	40.85228	0	0	0	0	0.902843	214.8928
8.27E-07	1.03E-05	0.000151	0.000668	0.000829	14.75661	0	0.074003	14.83062	0.000696	0	1.7E-07	0.000696	0.001	0	8.71E-06	0.001009	0.003316	0	8.98E-07	0.003317	0.000291	7.17E-05	0.000628	0	0.004308	0.004839	0	9.83E-07	0.00484	0.000291	7.17E-05	0.000628	0	0.005831	0.207745	0	0.006676	0.214421	0.000146	0	7.32E-07	0.000147	0.00034	1.56387
0	1.431048	1.809621	4.029545	7.270214	72727.33	4962.422	0	77689.76	0.030264	0.109587	0	0.13985	11.45822	0.781832	0	12.24005	0.651566	2.359372	0	3.010938	0	0	0	0	3.010938	0.741759	2.685966	0	3.427724	0	0	0	0	3.427724	2.721591	34.6924	0	37.414	0.688684	0.046991	0	0.735676	11.10914	6939.995
0	0	0.077051	0.094708	0.171759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00319	0.052642	0.225132	0.280965	1759.434	204.8259	0	1964.26	1.874379	0.519315	0	2.393693	0.358672	0.041755	0	0.400427	0.041638	0.007986	0	0.049624	0	0	0	0	0.049624	1.929868	0.530644	0	2.460511	0	0	0	0	2.460511	12.27882	1.575063	0	13.85388	0	0	0	0	1.153567	227.0385
0.108131	0.678598	4.344563	4.150626	9.173787	138019.4	0	3969.372	141988.8	0.896179	0	3.336913	4.233092	2.052816	0	1.852883	3.905699	3.11113	0	14.44777	17.5589	18.63348	4.788071	13.65813	0	54.63858	4.539754	0	15.81849	20.35825	18.63348	4.788071	13.65813	0	57.43792	325.3407	0	151.9957	477.3364	1.364462	0	0.039241	1.403704	21.26057	14972.54
0	0.006146	0.006455	0.006293	0.018895	181.4423	0	0	181.4423	0.000657	0	0	0.000657	0.028586	0	0	0.028586	0.014151	0	0	0.014151	0	0	0	0	0.014151	0.01611	0	0	0.01611	0	0	0	0	0.01611	0.250134	0	0	0.250134	0.001719	0	0	0.001719	0.002501	16.20816
0	0	0.46263	0.253409	0.71604	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003647	0.014464	0.187999	0.09373	0.296192	3002.553	0	134.5342	3137.087	0.009903	0	0.090893	0.100796	0.012186	0	0.044435	0.056621	0.031821	0	0.375887	0.407708	0.294287	0.092435	0.112685	0	0.907115	0.046434	0	0.411549	0.457983	0.294287	0.092435	0.112685	0	0.957389	4.835366	0	2.885815	7.721181	0.029683	0	0.00133	0.031013	0.428127	330.8019
0.013077	0.080694	0.347833	0.408779	0.837306	13418.61	0	433.8924	13852.51	0.210831	0	0.463695	0.674526	0.323879	0	0.193514	0.517393	0.908325	0	2.31622	3.224544	3.513174	0.868775	2.562613	0	10.16911	1.325425	0	2.535969	3.861394	3.513174	0.868775	2.562613	0	10.80596	50.24462	0	22.75789	73.0025	0.132657	0	0.004289	0.136946	1.68773	1460.73
0	5.98E-05	4.51E-06	5.45E-06	6.98E-05	0.216444	0	0	0.216444	4.41E-06	0	0	4.41E-06	3.41E-05	0	0	3.41E-05	9.49E-05	0	0	9.49E-05	0	0	0	0	9.49E-05	0.000108	0	0	0.000108	0	0	0	0	0.000108	0.000677	0	0	0.000677	2.05E-06	0	0	2.05E-06	1.75E-06	0.019335
0	0	0.003786	0.002069	0.005855	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.42E-05	0.000138	0.002957	0.001485	0.00458	44.00421	0	2.076708	46.08092	0.000146	0	0.001305	0.001451	0.000179	0	0.00064	0.000819	0.000468	0	0.005387	0.005855	0.002267	0.000751	0.000647	0	0.009521	0.000683	0	0.005898	0.006581	0.002267	0.000751	0.000647	0	0.010247	0.071027	0	0.041335	0.112362	0.000435	0	2.05E-05	0.000456	0.006419	4.859176
0.059226	0.38018	2.365214	2.678913	5.424307	91476.6	0	2674.612	94151.22	0.648772	0	2.167137	2.815909	1.371977	0	1.144904	2.516882	2.359583	0	9.512108	11.87169	9.629324	2.38264	6.980365	0	30.86402	3.443098	0	10.41456	13.85766	9.629324	2.38264	6.980365	0	32.84999	206.7896	0	97.22455	304.0141	0.904339	0	0.026441	0.930781	11.81759	9928.128
0	0.004873	0.008873	0.010022	0.023768	316.295	0	0	316.295	0.000781	0	0	0.000781	0.049832	0	0	0.049832	0.016817	0	0	0.016817	0	0	0	0	0.016817	0.019145	0	0	0.019145	0	0	0	0	0.019145	0.174205	0	0	0.174205	0.002997	0	0	0.002997	0.003438	28.25451
0	0	0.035384	0.019343	0.054726	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000628	0.002481	0.042035	0.021055	0.065571	644.891	0	33.9638	678.8548	0.002127	0	0.01968	0.021807	0.002608	0	0.009612	0.012219	0.006845	0	0.081502	0.088347	0.039662	0.013043	0.012532	0	0.153583	0.009988	0	0.089234	0.099222	0.039662	0.013043	0.012532	0	0.164459	1.039651	0	0.625615	1.665266	0.006375	0	0.000336	0.006711	0.094207	71.58439
0.001993	0.030019	0.16384	1.597442	1.791301	14238.57	62.46998	205.5371	14506.58	0.081313	0.056015	0.223172	0.360501	0.122844	0.00154	0.374837	0.499221	0.381294	0.198834	1.068003	1.64813	1.341438	0.313581	1.865549	0	5.168699	0.556383	0.290138	1.169329	2.015849	1.341438	0.313581	1.865549	0	5.536418	16.96154	2.051311	25.98558	44.99843	0.140763	0.000618	0.002032	0.143412	0.921601	1529.701
0	0.428271	0.176216	1.145407	1.749894	8257.305	50.75875	0	8308.064	0.085006	0.002032	0	0.087038	1.300942	0.007997	0	1.308939	1.830134	0.04375	0	1.873884	0	0	0	0	1.873884	2.083486	0.049806	0	2.133292	0	0	0	0	2.133292	5.075937	0.362622	0	5.438559	0.078242	0.000481	0	0.078723	2.743774	742.1561
0	0	0.024745	0.120633	0.145378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000191	0.003305	0.021647	0.246234	0.271185	2123.235	10.06743	27.6934	2160.996	0.006292	0.007669	0.030084	0.044046	0.015669	0.000206	0.051248	0.067123	0.026522	0.027824	0.14221	0.196016	0.186284	0.041064	0.240262	0	0.663626	0.038701	0.039812	0.155702	0.234216	0.186284	0.041064	0.240262	0	0.701826	1.718204	0.28484	3.442132	5.445176	0.02099	9.95E-05	0.000274	0.021364	0.121764	227.8743
0	0.170921	0.076708	0.581701	0.82933	4234.997	34.91951	0	4269.916	0.033606	0.000878	0	0.034484	0.667225	0.005502	0	0.672727	0.723525	0.018895	0	0.742421	0	0	0	0	0.742421	0.823686	0.021511	0	0.845196	0	0	0	0	0.845196	1.89109	0.156612	0	2.047702	0.040129	0.000331	0	0.04046	1.25394	381.4299

0	0	0.006058	0.034452	0.04051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00522	0.014903	0.018034	0.054102	0.087038	862.1458	0	70.17645	932.3223	0.728769	0	0.255489	0.984258	0.171932	0	0.010796	0.182729	4.642231	0	1.876282	6.518514	3.476268	5.608804	6.029679	21.63327	5.659961	0	2.040669	7.700631	3.476268	5.608804	6.029679	22.81538	53.92673	0	12.24763	66.17436	0.008523	0	0.000694	0.009217	0.040337	98.31222
0.037802	0.229048	1.390123	1.597136	3.216308	65966.81	0	2025.533	67992.34	0.477385	0	1.578372	2.055757	0.95812	0	0.753291	1.711411	1.85817	0	7.425968	9.284138	7.864676	1.852909	5.72718	24.7289	2.711437	0	8.1305	10.84194	7.864676	1.852909	5.72718	26.2867	136.7897	0	65.53137	202.321	0.652149	0	0.020024	0.672173	6.790644	7169.707
0	0.010327	0.019486	0.022797	0.05261	945.8427	0	0	945.8427	0.001286	0	0	0.001286	0.149018	0	0	0.149018	0.02768	0	0	0.02768	0	0	0	0.02768	0.031511	0	0	0.031511	0	0	0	0.031511	0.585452	0	0	0.585452	0.008962	0	0	0.008962	0.007551	84.49176
0	0	0.035257	0.019287	0.054543	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000431	0.001667	0.025673	0.012843	0.040183	395.2291	0	26.14524	421.3743	0.001297	0	0.012327	0.013624	0.001589	0	0.006005	0.007594	0.004187	0	0.051191	0.055378	0.027549	0.008981	0.00909	0.100998	0.006109	0	0.056048	0.062157	0.027549	0.008981	0.00909	0.107777	0.637258	0	0.392951	1.030208	0.003907	0	0.000258	0.004166	0.057846	44.4334
2.39E-06	0.000848	0.008085	0.029668	0.038602	1251.18	0	0.216043	1251.396	0.004392	0	0.00025	0.004643	0.011893	0	0.000372	0.012265	0.015631	0	0.000966	0.016596	0.263081	0.060501	0.001472	0.341651	0.022808	0	0.001058	0.023866	0.263081	0.060501	0.001472	0.34892	0.292864	0	0.020502	0.313366	0.012369	0	2.14E-06	0.012371	0.03032	131.9582
0	0.031518	0.005618	0.015405	0.052542	367.3244	0	0	367.3244	0.001522	0	0	0.001522	0.057872	0	0	0.057872	0.032775	0	0	0.032775	0	0	0	0.032775	0.037312	0	0	0.037312	0	0	0	0.037312	0.116826	0	0	0.116826	0.003481	0	0	0.003481	0.057096	32.81295
0.00044	0.003389	0.029563	0.108255	0.141207	3968.038	24.00236	39.51082	4031.551	0.014473	0.012482	0.038274	0.065229	0.030311	0.000327	0.027683	0.05832	0.065801	0.047137	0.197668	0.310607	0.10915	0.023599	0.198188	0.641544	0.096017	0.068783	0.216422	0.381221	0.10915	0.023599	0.198188	0.712158	1.402441	0.685936	4.072144	6.160521	0.039228	0.000237	0.000391	0.039856	0.110861	425.122
0	0.092866	0.159872	0.589419	0.842157	14346.92	692.8509	0	15039.77	0.007433	0.00292	0	0.010353	2.260363	0.109159	0	2.369522	0.160024	0.062869	0	0.222892	0	0	0	0.222892	0.182175	0.071571	0	0.253746	0	0	0	0.253746	0.807426	2.41898	0	3.226406	0.135857	0.006561	0	0.142418	2.880436	1343.497
0	0	0.019013	0.03503	0.054043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00034	0.00229	0.008472	0.011102	169.8985	24.31729	0	194.2158	0.124743	0.073906	0	0.198649	0.034635	0.004957	0	0.039592	0.001782	0.001056	0	0.002838	0	0	0	0.002838	0.127309	0.075426	0	0.202735	0	0	0	0.202735	0.481069	0.177833	0	0.658902	0	0	0	0	0.202253	22.44839
7.23E-05	0.000574	0.005538	0.020439	0.026551	757.0549	4.287387	7.083222	768.4256	0.004134	0.002242	0.007958	0.014334	0.008125	5.44E-05	0.006688	0.014867	0.019802	0.008647	0.042581	0.07103	0.044953	0.009104	0.049515	0.174602	0.028894	0.012618	0.046621	0.088133	0.044953	0.009104	0.049515	0.191705	0.460592	0.066926	0.868326	1.395844	0.007484	4.24E-05	7E-05	0.007597	0.020768	81.02951
0	0.023667	0.009843	0.049117	0.082628	1058.785	31.58166	0	1090.366	0.002083	0.000528	0	0.002611	0.166812	0.004976	0	0.171788	0.044851	0.011357	0	0.056209	0	0	0	0.056209	0.05106	0.012929	0	0.063989	0	0	0	0.063989	0.152711	0.177823	0	0.330534	0.010026	0.000299	0	0.010325	0.174875	97.402
0	0	0.000575	0.001059	0.001634	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	6.53E-05	0.000636	0.00236	0.003061	46.09997	1.157818	0	47.25779	0.034231	0.003963	0	0.038194	0.009398	0.000236	0	0.009634	0.000489	5.66E-05	0	0.000546	0	0	0	0.000546	0.034935	0.004045	0	0.03898	0	0	0	0.03898	0.14188	0.007779	0	0.149659	0	0	0	0	0.056211	5.46228
1.75E-05	0.000414	0.003143	0.017983	0.02154	329.5376	19.13234	1.66406	350.334	0.003686	0.018529	0.00222	0.024434	0.009999	0.000585	0.002133	0.012716	0.017793	0.079366	0.012491	0.10965	0.02342	0.004622	0.014988	0.15268	0.025963	0.115811	0.013676	0.15545	0.02342	0.004622	0.014988	0.19848	0.417016	0.613367	0.272939	1.303322	0.003258	0.000189	1.65E-05	0.003463	0.01768	36.94229
0	0.008654	0.005101	0.019279	0.033033	485.0296	43.15459	0	528.1842	0.001212	0.000152	0	0.001363	0.076417	0.006799	0	0.083216	0.026088	0.003264	0	0.029352	0	0	0	0.029352	0.029699	0.003715	0	0.033415	0	0	0	0.033415	0.078633	0.097724	0	0.176357	0.004593	0.000409	0	0.005002	0.068305	47.18249
0	0	0.000514	0.001089	0.001602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000651	0.001586	0.00613	0.008366	201.623	23.80415	0	225.4272	0.518072	0.07988	0	0.597952	0.041102	0.004853	0	0.045955	0.007402	0.001141	0	0.008544	0	0	0	0.008544	0.528731	0.081523	0	0.610254	0	0	0	0.610254	1.698825	0.147077	0	1.845902	0	0	0	0	0.140081	26.05594
7.13E-06	0.000373	0.002513	0.025769	0.028655	323.2833	0	0.898789	324.1821	0.000671	0	0.001013	0.001683	0.003068	0	0.000826	0.003894	0.002089	0	0.004155	0.006244	0.001295	0.000343	0.001259	0.009141	0.003049	0	0.004549	0.007598	0.001295	0.000343	0.001259	0.010495	0.118674	0	0.09543	0.214104	0.003196	0	8.89E-06	0.003205	0.011746	34.1846
0	0.001945	0.008602	0.031154	0.041702	325.9478	0	0	325.9478	0.000859	0	0	0.000859	0.051353	0	0	0.051353	0.018484	0	0	0.018484	0	0	0	0.018484	0.021042	0	0	0.021042	0	0	0	0.021042	0.021372	0	0	0.021372	0.003089	0	0	0.003089	0.062456	29.11679
0	0	0.011477	0.019687	0.031163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000466	0.027819	0.093547	0.121833	1678.078	0	0	1678.078	3.161074	0	0	3.161074	0.342087	0	0	0.342087	0.046081	0	0	0.046081	0	0	0	0.046081	3.227108	0	0	3.227108	0	0	0	3.227108	38.5561	0	0	38.5561	0	0	0	0	0.827456	193.9602
6.59E-07	9.57E-06	0.000146	0.000642	0.000798	13.987	0	0.066672	14.05367	0.000639	0	1.54E-07	0.000639	0.000928	0	5.6E-06	0.000933	0.00299	0	8.09E-07	0.002991	0.00024	5.62E-05	0.000501	0.003788	0.004363	0	8.86E-07	0.004364	0.00024	5.62E-05	0.000501	0.005161	0.200664	0	0.006067	0.20673	0.000138	0	6.59E-07	0.000139	0.000328	1.481942
0	1.450788	1.840713	4.122895	7.414395	72778.17	4960.488	0	77738.65	0.030163	0.111187	0	0.14135	11.46623	0.781527	0	12.24776	0.649401	2.393835	0	3.043236	0	0	0	3.043236	0.739294	2.725199	0	3.464493	0	0	0	3.464493	2.676951	35.22692	0	37.90387	0.689166	0.046973	0	0.736139	11.30701	6944.363
0	0	0.100567	0.124015	0.224582	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003174	0.052988	0.226417	0.282579	1756.424	206.6186	0	1963.043	1.781248	0.515006	0	2.296254	0.358059	0.042121	0	0.400179	0.038973	0.007874	0	0.046847	0	0	0	0.046847	1.833302	0.526188	0	2.35949	0	0	0	2.35949	11.95963	1.596842	0	13.55648	0	0	0	0	1.162757	226.8978
0.102308	0.637564	4.333716	4.14608	9.11736	135632.7	0	3891.661	139524.4	0.846911	0	3.175259	4.02217	2.001719	0	1.81835	3.820069	2.897698	0	13.63781	16.53551	18.12334	4.544078	13.29895	52.50188	4.228314	0	14.93169	19.16	18.12334	4.544078	13.29895	55.12637	315.6178	0	145.6616	461.2793	1.340868	0	0.038473	1.379341	21.48686	14712.67
0	0.00503	0.005789	0.005653	0.016472	160.486	0	0	160.486	0.00055	0	0	0.00055	0.025285	0	0	0.025285	0.011852	0	0	0.011852	0	0	0	0.011852	0.013493	0	0	0.013493	0	0	0	0.013493	0.216619	0	0	0.216619	0.001521	0	0	0.001521	0.002243	14.33616
0	0	0.484185	0.265298	0.749483	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003569	0.013833	0.191718	0.095797	0.301348	3028.043	0	137.4957	3165.539	0.009965	0	0.093467	0.103431	0.012229	0	0.045561	0.05779	0.032105	0	0.387683	0.419788	0.308229	0.093919	0.119493	0.941428	0.046847	0	0.424464	0.471311	0.308229	0.093919	0.119493	0.992952	4.877471	0	2.976487	7.853958	0.029935	0	0.001359	0.031295	0.433571	333.8021
0.011971	0.073155	0.342132	0.402323	0.81761	12991.79	0	417.0897	13408.88	0.185293	0	0.424913	0.610206	0.292214	0	0.184986	0.477199	0.788279	0	2.093748	2.882027	3.270846	0.79479	2.365724	9.313386	1.150254	0	2.292391	3.442645	3.270846	0.79479	2.365724	9.874005	45.59285	0	20.63569	66.22854	0.128437	0	0.004123	0.13256	1.67129	1413.95
0	1.82E-05	3.16E-06	3.6E-06	2.5E-05	0.146543	0	0	0.146543	1.43E-06	0	0	1.43E-06	2.31E-05	0	0	2.31E-05	3.08E-05	0	0	3.08E-05	0	0	0	3.08E-05	3.51E-05	0	0	3.51E-05	0	0	0	3.51E-05	0.000235	0	0	0.000235	1.39E-06	0	0	1.39E-06	1.22E-06	0.013091
0	0	0.004401	0.002406	0.006807	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.81E-05	0.000152	0.003407	0.001713	0.005272	50.56015	0	2.415649	52.9758	0.000167	0	0.00152	0.001688	0.000205	0	0.000744	0.000949	0.000538	0	0.006287	0.006825	0.002697	0.000887	0.00078	0.01119	0.000785	0	0.006884	0.007669	0.002697	0.000887	0.00078	0.012034	0.081615	0	0.048244	0.129859	0.0005	0	2.39E-05	0.000524	0.007372	5.586232
0.056928	0.362317	2.387002	2.711225	5.460544	90906.95	0	2660.161	93567.11	0.623381	0	2.103888	2.727269	1.338039	0	1.144981	2.48302	2.236246	0	9.158614	11.39486	9.574746	2.314363	6.950442	30.23441	3.263125	0	10.02753	13.29065	9.574746	2.314363	6.950442	32.13021	203.5334	0	95.11128	298.6447	0.898708	0	0.026298	0.925006	11.99475	9866.535
0	0.004892	0.008964	0.010154	0.024011	314.9259	0	0	314.9259	0.000787	0	0	0.000787	0.049617	0	0	0.049617	0.016944	0	0	0.016944	0	0	0	0.016944	0.01929	0	0	0.01929	0	0	0	0.01929	0.17593	0	0	0.17593	0.002984	0	0	0.002984	0.003474	28.13221
0	0	0.039719	0.021723	0.061442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000654	0.002536	0.045392	0.022777	0.070705	691.787	0	36.94847	728.7355	0.002278	0	0.021489	0.023766	0.002785	0	0.010467	0.013252	0.007347	0	0.089236	0.096583	0.045375	0.014575	0.014735	0.171268	0.01072	0	0.097702	0.108423	0.045375	0.014575	0.014735	0.183108	1.115451	0	0.685004	1.800455	0.006839	0	0.000365	0.007204	0.101015	76.84425
0.001804	0.028613	0.159995	1.559953	1.748562	13748.74	60.98336	200.8172	14010.54	0.066424	0.054086	0.21145	0.331959	0.107076	0.001497	0.362567	0.47114	0.301266	0.191069	1.001632	1.493967	1.264153	0.291418	1.753222	4.80276	0.439607	0.278807	1.096661	1.815075	1.264153	0.291418	1.753222	5.123868	14.84834	2.01599	25.46072	42.32506	0.13592	0.000603	0.001985	0.138508	0.899973	1477.394
0	0.395832	0.171668	1.115845	1.683346	8011.828	49.47508	0	8061.303	0.078406	0.001996	0	0.080402	1.262267	0.007795	0	1.270062	1.688037	0.042966	0	1.731003	0	0	0	1.731003	1.921717	0.048914	0	1.970632	0	0	0	1.970632	4.652968	0.356126	0	5.009094	0.075916	0.000469	0	0.076385	2.722532	720.113
0	0	0.03199	0.155953	0.187943	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000173	0.003163	0.020998	0.238851	0.263012	2036.995	9.773681	26.90143	2073.671	0.005324	0.007333	0.02839	0.041046	0.013893	0.000198	0.049156	0.063247	0.021833	0.025989	0.13337	0.181192	0.178607	0.038529	0.230171	0.628499	0.031859	0.037923	0.146024	0.215805	0.178607	0.038529	0.230171	0.663112	1.597912	0.278211	3.373347	5.24947	0.020138	9.66E-05	0.000266	0.0205	0.118113	218.666
0	0.163028	0.075372	0.571571	0.809971	4137.831	34.52143	0	4172.353	0.031981	0.000873	0	0.032854	0.651917	0.005439	0	0.657356	0.688538	0.018795	0	0.707333	0	0	0	0.707333	0.783854	0.021397	0	0.805251	0	0	0	0.805251	1.79911	0.155783	0	1.954893	0.039208	0.000327	0	0.039535	1.245461	372.7146
0	0	0.007837	0.044575	0.052412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00515	0.01486	0.018025	0.054076	0.086961	860.2744	0	69.04725	929.3217	0.716502	0	0.250593	0.967095	0.170308	0	0.010435	0.180743	4.533634	0	1.833117	6.366751	3.410713	5.619637	6.033798	21.4309	5.542757	0	1.993934	7.536691	3.410713	5.619637	6.033798	22.60084	52.86973	0	12.23665	65.10638	0.008505	0	0.000683	0.009187	0.040436	97.99581
0.036144	0.217512	1.392587	1.603778	3.213877	65006.83	0	1995.177	67002	0.448408	0	1.503308	1.951716	0.91306	0	0.742818	1.655879	1.721153	0	6.998908	8.720061	7.669405	1.777846	5.578522	23.74583	2.511502	0	7.662923	10.17443	7.669405	1.777846	5.578522	25.2002	132.3843	0	63.28712	195.6714	0.642659	0	0.019724	0.662383	6.875873	7065.278
0	0.009044	0.019009	0.022303	0.050355	909.0293	0	0	909.0293	0.001171	0	0	0.001171	0.143218	0	0	0.143218	0.025208	0	0	0.025208	0	0	0	0.025208	0.028697	0	0	0.028697	0	0	0	0.028697	0.55505	0	0	0.55505	0.008614	0	0	0.008614	0.007366	81.20322
0	0	0.038875	0.021278	0.060153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000444	0.001683	0.027672	0.013871	0.043226	422.8079	0	28.31771	451.1256	0.001385	0	0.013417	0.014803	0.001692	0	0.006519	0.008211	0.004482	0	0.055869	0.06035	0.031835	0.009946	0.010928	0.113059	0.00654	0	0.061169	0.067709	0.031835	0.009946	0.010928	0.120417	0.681823	0	0.428867	1.11069	0.00418	0	0.00028	0.00446	0.061846	47.57064
2.25E-06	0.00081	0.00785	0.028803	0.037464	1214.413	0	0.207162	1214.62	0.003921	0	0.000239	0.00416	0.011006	0	0.000364	0.01137	0.013636	0	0.000913	0.014548	0.24125	0.054255	0.001336	0.31139	0.019898	0	0.000999	0.020897	0.24125	0.054255	0.001336	0.317738	0.25174	0	0.019343	0.271083	0.012006	0	2.05E-06	0.012008	0.029438	128.0801
0	0.029636	0.005567	0.015263	0.050466	364.026	0	0	364.026	0.00147	0	0	0.00147	0.057352	0	0	0.057352	0.031653	0	0	0.031653	0	0	0	0.031653	0.036035	0	0	0.036035	0	0	0	0.036035	0.112092	0	0	0.112092	0.003449	0	0	0.003449	0.057893	32.5183
0.000424	0.003269	0.028339	0.103781	0.13539	3773.357	23.06685	37.81097	3834.234	0.012529	0.012099	0.036558	0.061186	0.027031	0.000312	0.026441	0.053784	0.055976	0.04566	0.18756	0.289196	0.10331	0.02182	0.186931	0.601257	0.08168	0.066627	0.205355	0.353661	0.10331	0.02182	0.186931	0.665723	1.168388	0.664309	3.826509	5.659206	0.037303	0.000228	0.000374	0.037905	0.106273	404.3152
0	0.084268	0.157814	0.581785	0.823867	14070.88	684.1864	0	14755.07	0.006692	0.002855	0	0.009547	2.216873	0.107794	0	2.324667	0.144076	0.061458	0	0.205535	0	0	0	0.205535	0.16402	0.069966	0	0.233986	0	0	0	0.233986	0.757343	2.410501	0	3.167844	0.133243	0.006479	0	0.139722	2.850408	1318.065
0	0	0.025946	0.047803	0.073749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000348	0.002302	0.008517	0.011166	170.4111	24.86073	0	195.2718	0.125783	0.074987	0	0.20077	0.034739	0.005068	0	0.039807	0.001797	0.001071	0	0.002869	0	0	0	0.002869	0.128371	0.07653	0	0.2049	0	0	0	0.2049	0.482342	0.183902	0	0.666244	0	0	0	0	0.203334	22.57045
6.96E-05	0.000548	0.005192	0.019159	0.024898	704.1378	4.1087	6.786999	715.0335	0.003669	0.002151	0.007588	0.013408	0.007246	5.13E-05	0.006331	0.013629	0.01752	0.008323	0.040694	0.066537	0.043907	0.008739	0.048314	0.167496	0.025565	0.012144	0.044555	0.082265	0.043907	0.008739	0.048314	0.183224	0.398283	0.064412	0.832238	1.294934	0.006961	4.06E-05	6.71E-05	0.007069	0.019469	75.39939
0	0.022811	0.009889	0.049526	0.082226	1055.25	31.56567	0	1086.815	0.002001	0.000531	0	0.002532	0.166255	0.004973	0	0.171228	0.043089	0.01143	0	0.05452	0	0	0	0.05452	0.049054	0.013013	0	0.062066	0	0	0	0.062066	0.148205	0.179362	0	0.327568	0.009993	0.000299	0	0.010291	0.175934	97.08477
0	0	0.000749	0.00138	0.002128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	6.69E-05	0.000641	0.002378	0.003086	46.10633	1.173597	0	47.27993	0.034626	0.003997	0	0.038624	0.009399	0.000239	0	0.009638	0.000495	5.71E-05	0	0.000552	0	0	0	0.000552	0.035339	0.00408	0	0.039418	0	0	0	0.039418	0.142745	0.008046	0	0.150791	0	0	0	0	0.056645	5.464838
1.74E-05	0.000411	0.003124	0.017877	0.021413	326.5997	19.01225	1.644547	347.2565	0.003228	0.018483	0.002198	0.023909	0.009413	0.000579	0.002159	0.012151	0.015505	0.079077	0.012328	0.106911	0.024297	0.004693	0.015628	0.151529	0.022625	0.115389	0.013497	0.151512	0.024297	0.004693	0.015628	0.19613	0.360898	0.611133	0.265835	1.237867	0.003229	0.000188	1.63E-05	0.003433	0.017575	36.61777
0	0.00772	0.004958	0.018735	0.031413	469.0962	41.74948	0	510.8457	0.001093	0.000148	0	0.00124	0.073906	0.006578	0	0.080484	0.023522	0.003186	0	0.026708	0	0	0	0.026708	0.026778	0.003627	0	0.030405	0	0	0	0.030405	0.07226	0.098658	0	0.170918	0.004442	0.000395	0	0.004837	0.068693	45.63365
0	0	0.000688	0.001456	0.002145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000655	0.001591	0.00615	0.008397	201.456	24.22692	0	225.6829	0.51548	0.080916	0	0.596396	0.041068	0.004939	0	0.046007	0.007365	0.001156	0	0.008521	0	0	0	0.008521	0.526085	0.082581	0	0.608666	0	0	0	0.608666	1.683463	0.151127	0	1.83459	0	0	0	0	0.140558	26.0855
6.36E-06	0.000358	0.0024	0.02475	0.027507	303.9287	0	0.815456	304.7442	0.000622	0	0.000919	0.001541	0.002899	0	0.000763	0.003662	0.001929	0	0.003742	0.005672	0.001086	0.000294	0.001109	0.00816	0.002815	0	0.004097	0.006913	0.001086	0.000294	0.001109	0.009401	0.116372	0	0.088787	0.205159	0.003005	0	8.06E-06	0.003013	0.011336	32.1349
0	0.00164	0.007368	0.027045	0.036054	283.4087	0	0	283.4087	0.000737	0	0	0.000737	0.044651	0	0	0.044651	0.015858	0	0	0.015858	0	0	0	0.015858	0.018053	0	0	0.018053	0	0	0	0.018053	0.018012	0	0	0.018012	0.002685	0	0	0.002685	0.05424	25.31679
0	0	0.017834	0.030461	0.048296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000432	0.023162	0.078436	0.102029	1343.022	0	0	1343.022	2.913188	0	0	2.913188	0.273784	0	0	0.273784	0.042542	0	0	0.042542	0	0	0	0.042542	2.974125	0	0	2.974125	0	0	0	2.974125	34.12549	0	0	34.12549	0	0	0	0	0.694217	155.2329
5.9E-07	9.1E-06	0.00014	0.000618	0.000768	13.25293	0	0.060561	13.3135	0.000603	0	1.4E-07	0.000604	0.000862	0	5.18E-06	0.000867	0.002802	0	7.38E-07	0.002803	0.000192	4.28E-05	0.000385	0.003422	0.004089	0	8.08E-07	0.00409	0.000192	4.28E-05	0.000385	0.004709	0.195854	0	0.005667	0.201521	0.000131	0	5.99E-07	0.000132	0.000316	1.403891
0	1.469142	1.871693	4.215622	7.556457	72897.4	4963.733	0	77861.13	0.030097	0.112792	0	0.142889	11.48501	0.782038	0	12.26705	0.647982	2.428387	0	3.076368	0	0	0	3.076368	0.737678	2.764533	0	3.502211	0	0	0	3.502211	2.640664	35.75689	0	38.39755	0.690295	0.047004	0	0.737298	11.50318	6955.304
0	0	0.126353	0.156132	0.282485	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003163	0.053167	0.226846	0.283176	1748.737	207.5867	0	1956.324	1.690976	0.5085	0	2.199476	0.356492	0.042318	0	0.398809	0.036531	0.007737	0	0.044268	0	0	0	0.044268	1.739859	0.519499	0	2.259358	0	0	0	2.259358	11.61894	1.613173	0	13.23211	0	0	0	0	1.168822	226.1212
0.096557	0.598784	4.326065	4.143465	9.068315	133574.3	0	3822.233	137396.5	0.804267	0	3.02694	3.831207	1.95844	0	1.787989	3.746429	2.711867	0	12.89275	15.60462	17.88441	4.339675	13.16154	50.99025	3.95715	0	14.11594	18.07309	17.88441	4.339675	13.16154	53.45872	307.2812	0	139.9081	447.1893	1.320518	0	0.037787	1.358304	21.68928	14488.29
0	0.003658	0.005181	0.005063	0.013903	141.3	0	0	141.3	0.000428	0	0	0.000428	0.022262	0	0	0.022262	0.009224	0	0	0.009224	0	0	0	0.009224	0.010501	0	0	0.010501	0	0	0	0.010501	0.182565	0	0	0.182565	0.001339	0	0	0.001339	0.002008	12.62228
0	0	0.503611	0.276019	0.77963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003481	0.013203	0.194882	0.097556	0.305642	3046.537	0	140.0193	3186.556	0.010005	0	0.095736	0.105741	0.012249	0	0.046541	0.05879	0.032312	0	0.398197	0.430509	0.347521	0.098277	0.139896	1.016204	0.04715	0	0.435976	0.483126	0.347521	0.098277	0.139896	1.06882	4.908438	0	3.057315	7.965753	0.030118	0	0.001384	0.031502	0.437849	336.0183
0.01099	0.066557	0.337068	0.396367	0.799992	12611.25	0	402.0627	13013.31	0.163517	0	0.390592	0.554109	0.265367	0	0.177495	0.442862	0.686058	0	1.897929	2.583987	3.05362	0.727792	2.188403	8.553801	1.001095	0	2.077993	3.079088	3.05362	0.727792	2.188403	9.048902	41.6176	0	18.79292	60.41052	0.124675	0	0.003975	0.12865	1.657437	1372.238
0	4.82E-06	2.79E-06	3.12E-06	1.07E-05	0.126739	0	0	0.126739	4.77E-07	0	0	4.77E-07	2E-05	0	0	2E-05	1.03E-05	0	0	1.03E-05	0	0	0	1.03E-05	1.17E-05	0	0	1.17E-05	0	0	0	1.17E-05	9.07E-05	0	0	9.07E-05	1.2E-06	0	0	1.2E-06	1.08E-06	0.011322
0	0	0.004984	0.002725	0.007709	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.19E-05	0.000165	0.003832	0.001928	0.005926	56.74489	0	2.747776	59.49267	0.000188	0	0.00173	0.001918	0.000229	0	0.000845	0.001074	0.000604	0	0.00717	0.007774	0.003165	0.001024	0.00093	0.012893	0.000881	0	0.00785	0.008732	0.003165	0.001024	0.00093	0.013851	0.091603	0	0.055018	0.146622	0.000561	0	2.72E-05	0.000588	0.008272	6.273428
0.054593	0.344885	2.406584	2.73871	5.490179	90374.06	0	2646.21	93020.27	0.600973	0	2.044198	2.645171	1.308079	0	1.146057	2.454136	2.126799	0	8.826907	10.95371	9.578863	2.255867	6.978308	29.76674	3.10342	0	9.664352	12.76777	9.578863	2.255867	6.978308	31.58081	200.7664	0	93.18382	293.9502	0.89344	0	0.02616	0.9196	12.18299	9808.871
0	0.004894	0.009041	0.01026	0.024195	313.3615	0	0	313.3615	0.000792	0	0	0.000792	0.04937	0	0	0.04937	0.017044	0	0	0.017044	0	0	0	0.017044	0.019403	0	0	0.019403	0	0	0	0.019403	0.177332	0	0	0.177332	0.002969	0	0	0.002969	0.003503	27.99246
0	0	0.043774	0.023952	0.067726	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000678	0.002582	0.048497	0.024368	0.075447	734.8659	0	39.79488	774.6608	0.002415	0	0.023214	0.025628	0.002946	0	0.011279	0.014225	0.007807	0	0.096649	0.104456	0.050637	0.01589	0.016577	0.18756	0.011392	0	0.105818	0.11721	0.050637	0.01589	0.016577	0.200315	1.185096	0	0.741929	1.927025	0.007265	0	0.000393	0.007658	0.107282	81.68701
0.001651	0.02735	0.155808	1.519128	1.702287	13257.67	59.51993	196.06	13513.25	0.052703	0.052214	0.200656	0.305573	0.093987	0.001453	0.350496	0.445936	0.225579	0.183723	0.940699	1.350001	1.212786	0.27425	1.678293	4.515331	0.329165	0.268088	1.029947	1.6272	1.212786	0.27425	1.678293	4.79253	13.25986	1.97956	24.92871	40.16812	0.131066	0.000588	0.001938	0.133592	0.87642	1424.955
0	0.368613	0.166841	1.084467	1.61992	7755.08	48.20434	0	7803.284	0.07265	0.001958	0	0.074608	1.221816	0.007595	0	1.229411	1.564103	0.042159	0	1.606262	0	0	0	1.606262	1.780628	0.047995	0	1.828622	0	0	0	1.828622	4.278938	0.349432	0	4.628369	0.073483	0.000457	0	0.07394	2.687941	697.0643
0	0	0.040042	0.195206	0.235248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000157	0.003027	0.020305	0.230971	0.254303	1949.5	9.466764	26.07132	1985.038	0.004423	0.006994	0.026738	0.038156	0.012321	0.00019	0.047008	0.059519	0.017377	0.024698	0.124789	0.166865	0.172554	0.03629	0.222291	0.598	0.025357	0.03604	0.136628	0.198025	0.172554	0.03629	0.222291	0.62916	1.492931	0.271055	3.298018	5.062004	0.019273	9.36E-05	0.000258	0.019624	0.114216	209.3198
0	0.155686	0.073791	0.55958	0.789057	4029.984	34.04053	0	4064.024	0.030446	0.000866	0	0.031312	0.634926	0.005363	0	0.640289	0.65549	0.01864	0	0.67413	0	0	0	0.67413	0.746232	0.02122	0	0.767452	0	0	0	0.767452	1.710854	0.154496	0	1.86535	0.038186	0.000323	0	0.038509	1.230767	363.0377
0	0	0.009819	0.055843	0.065662	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005114	0.014863	0.018024	0.054072	0.086959	858.9862	0	68.14939	927.1356	0.706003	0	0.24663	0.952633	0.168938	0	0.010128	0.179066	4.440535	0	1.797979	6.238514	3.376197	5.638634	6.05405	21.30739	5.442321	0	1.9559	7.398221	3.376197	5.638634	6.05405	22.4671	51.95583	0	12.2454	64.20123	0.008492	0	0.000674	0.009166	0.040536	97.76529
0.034544	0.20665	1.395308	1.610013	3.211971	64165.47	0	1968.411	66133.88	0.424075	0	1.436912	1.860988	0.875412	0	0.734761	1.610173	1.605376	0	6.622664	8.228041	7.538448	1.713404	5.484317	22.96421	2.342561	0	7.250984	9.593545	7.538448	1.713404	5.484317	24.32971	128.7746	0	61.34029	190.1149	0.634341	0	0.01946	0.653801	6.954524	6973.735
0	0.00815	0.018549	0.021807	0.048506	874.3018	0	0	874.3018	0.001086	0	0	0.001086	0.137747	0	0	0.137747	0.023378	0	0	0.023378	0	0	0	0.023378	0.026615	0	0	0.026615	0	0	0	0.026615	0.529358	0	0	0.529358	0.008284	0	0	0.008284	0.007188	78.10103
0	0	0.042238	0.023132	0.06537	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000454	0.001694	0.029517	0.014819	0.04603	448.1034	0	30.38234	478.4857	0.001466	0	0.014454	0.01592	0.001786	0	0.007005	0.008791	0.004753	0	0.060337	0.06509	0.036189	0.010878	0.012747	0.124903	0.006935	0	0.066062	0.072996	0.036189	0.010878	0.012747	0.13281	0.722708	0	0.463182	1.18589	0.00443	0	0.0003	0.00473	0.06552	50.45572
2.17E-06	0.000783	0.007639	0.028026	0.036448	1181.392	0	0.199067	1181.591	0.003532	0	0.000229	0.003761	0.01023	0	0.000356	0.010586	0.012003	0	0.000865	0.012868	0.22161	0.048758	0.001218	0.284455	0.017515	0	0.000947	0.018462	0.22161	0.048758	0.001218	0.290049	0.216725	0	0.018294	0.235018	0.011679	0	1.97E-06	0.011681	0.028646	124.5973
0	0.027831	0.005521	0.015136	0.048488	361.0918	0	0	361.0918	0.001421	0	0	0.001421	0.05689	0	0	0.05689	0.030596	0	0	0.030596	0	0	0	0.030596	0.034831	0	0	0.034831	0	0	0	0.034831	0.107584	0	0	0.107584	0.003422	0	0	0.003422	0.058689	32.25619
0.000407	0.003144	0.027105	0.099265	0.129514	3580.993	22.12951	36.15178	3639.275	0.011013	0.011699	0.035012	0.057724	0.024399	0.000297	0.025346	0.050041	0.048495	0.044151	0.1787	0.271346	0.099732	0.020354	0.179874	0.571306	0.070764	0.064424	0.195654	0.330843	0.099732	0.020354	0.179874	0.630802	0.99513	0.642232	3.604688	5.24205	0.035402	0.000219	0.000357	0.035978	0.101643	383.7569
0	0.077009	0.155436	0.572963	0.805409	13767.46	672.7027	0	14440.16	0.006067	0.002793	0	0.00886	2.169069	0.105985	0	2.275053	0.130617	0.06014	0	0.190757	0	0	0	0.190757	0.148698	0.068464	0	0.217162	0	0	0	0.217162	0.713824	2.391666	0	3.10549	0.13037	0.00637	0	0.13674	2.813391	1289.934
0	0	0.033361	0.061461	0.094822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000352	0.002299	0.008506	0.011158	169.8116	25.20797	0	195.0196	0.125985	0.07547	0	0.201454	0.034617	0.005139	0	0.039756	0.0018	0.001078	0	0.002878	0	0	0	0.002878	0.128576	0.077022	0	0.205599	0	0	0	0.205599	0.4805	0.18858	0	0.669081	0	0	0	0	0.203081	22.54129
6.71E-05	0.000521	0.004863	0.017942	0.023326	654.4163	3.932391	6.502267	664.851	0.00325	0.002059	0.007245	0.012554	0.006459	4.83E-05	0.005995	0.012502	0.015402	0.008	0.038946	0.062348	0.042632	0.00836	0.046876	0.160217	0.022475	0.011674	0.042641	0.076789	0.042632	0.00836	0.046876	0.174658	0.347252	0.06191	0.801109	1.210271	0.00647	3.89E-05	6.43E-05	0.006573	0.018235	70.10771
0	0.021896	0.009934	0.049921	0.081751	1052.638	31.39868	0	1084.037	0.001913	0.000532	0	0.002446	0.165844	0.004947	0	0.17079	0.041197	0.011458	0	0.052655	0	0	0	0.052655	0.0469	0.013044	0	0.059944	0	0	0	0.059944	0.143192	0.180146	0	0.323338	0.009968	0.000297	0	0.010265	0.176979	96.83659
0	0	0.000928	0.00171	0.002639	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	6.84E-05	0.000646	0.002396	0.003111	46.14775	1.187046	0	47.3348	0.035026	0.004024	0	0.039049	0.009408	0.000242	0	0.00965	0.0005	5.75E-05	0	0.000558	0	0	0	0.000558	0.035746	0.004106	0	0.039853	0	0	0	0.039853	0.143676	0.0083	0	0.151976	0	0	0	0	0.057087	5.471181
1.73E-05	0.000406	0.003093	0.017698	0.021197	322.2526	18.81184	1.616211	342.6807	0.002699	0.018365	0.002159	0.023223	0.008625	0.000571	0.002178	0.011375	0.012855	0.078467	0.012049	0.10337	0.025276	0.004761	0.016332	0.149738	0.018758	0.114498	0.013192	0.146448	0.025276	0.004761	0.016332	0.192816	0.295432	0.606415	0.256571	1.158418	0.003186	0.000186	1.6E-05	0.003388	0.017397	36.13525
0	0.006804	0.004807	0.018164	0.029775	452.5323	40.28189	0	492.8142	0.000973	0.000144	0	0.001118	0.071297	0.006346	0	0.077643	0.020951	0.003108	0	0.02406	0	0	0	0.02406	0.023851	0.003539	0	0.02739	0	0	0	0.02739	0.065831	0.099393	0	0.165224	0.004285	0.000381	0	0.004667	0.068848	44.0229
0	0	0.000879	0.001858	0.002737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000657	0.001591	0.00615	0.008399	200.5961	24.58266	0	225.1788	0.511113	0.081722	0	0.592835	0.040893	0.005011	0	0.045904	0.007303	0.001168	0	0.00847	0	0	0	0.00847	0.521628	0.083404	0	0.605032	0	0	0	0.605032	1.662306	0.154779	0	1.817085	0	0	0	0	0.140553	26.02723
6.17E-06	0.000354	0.002374	0.024527	0.027255	299.156	0	0.795448	299.9514	0.000606	0	0.000924	0.00153	0.002958	0	0.000756	0.003714	0.001883	0	0.003767	0.00565	0.001146	0.0003	0.001153	0.008249	0.002748	0	0.004124	0.006872	0.001146	0.0003	0.001153	0.009471	0.117692	0	0.086774	0.204466	0.002957	0	7.86E-06	0.002965	0.011252	31.6295
0	0.001347	0.006003	0.022238	0.029589	230.0842	0	0	230.0842	0.000603	0	0	0.000603	0.03625	0	0	0.03625	0.012993	0	0	0.012993	0	0	0	0.012993	0.014791	0	0	0.014791	0	0	0	0.014791	0.014832	0	0	0.014832	0.00218	0	0	0.00218	0.044626	20.55333
0	0	0.020447	0.035105	0.055553	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

0	0.000441	0.022293	0.075486	0.098219	1294.677	0	0	1294.677	2.876696	0	0	2.876696	0.263928	0	0	0.263928	0.042046	0	0	0.042046	0	0	0	0.042046	2.936909	0	0	2.936909	0	0	0	2.936909	33.47703	0	0	33.47703	0	0	0	0	0.668221	149.6449
5.51E-07	8.77E-06	0.000135	0.000596	0.00074	12.61736	0	0.056003	12.67336	0.000579	0	1.27E-07	0.000579	0.000817	0	3.42E-06	0.00082	0.002677	0	6.67E-07	0.002677	0.000168	3.52E-05	0.000326	0.003207	0.003906	0	7.3E-07	0.003906	0.000168	3.52E-05	0.000326	0.004436	0.190197	0	0.005233	0.19543	0.000125	0	5.54E-07	0.000125	0.000305	1.33639
0	1.49039	1.904483	4.308878	7.70375	73166.45	4974.739	0	78141.19	0.030064	0.114447	0	0.144511	11.5274	0.783772	0	12.31118	0.647272	2.464002	0	3.111274	0	0	0	3.111274	0.73687	2.805079	0	3.541948	0	0	0	3.541948	2.602417	36.30154	0	38.90395	0.692843	0.047108	0	0.73995	11.70944	6980.322
0	0	0.152287	0.188502	0.340789	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003151	0.053195	0.226364	0.282711	1734.151	207.8219	0	1941.972	1.603742	0.500805	0	2.104547	0.353518	0.042366	0	0.395884	0.034362	0.007593	0	0.041954	0	0	0	0.041954	1.649779	0.511606	0	2.161385	0	0	0	2.161385	11.2376	1.624409	0	12.86201	0	0	0	0	1.172214	224.4624
0.091069	0.562962	4.321453	4.144148	9.028563	131843.2	0	3761.364	135604.5	0.768304	0	2.893424	3.661728	1.922613	0	1.761647	3.68426	2.554288	0	12.22453	14.77882	17.6484	4.144622	13.00479	49.57664	3.727211	0	13.38433	17.11154	17.6484	4.144622	13.00479	51.90935	300.3753	0	134.8427	435.218	1.303404	0	0.037185	1.340589	21.87049	14299.33
0	0.003072	0.004673	0.004571	0.012316	125.5601	0	0	125.5601	0.000366	0	0	0.000366	0.019782	0	0	0.019782	0.007878	0	0	0.007878	0	0	0	0.007878	0.008968	0	0	0.008968	0	0	0	0.008968	0.159298	0	0	0.159298	0.00119	0	0	0.00119	0.001811	11.21623
0	0	0.520996	0.285621	0.806617	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003383	0.012591	0.197544	0.09906	0.309195	3060.314	0	142.1321	3202.446	0.010037	0	0.097713	0.10775	0.012256	0	0.047382	0.059639	0.032485	0	0.40747	0.439955	0.383322	0.101659	0.158281	1.083217	0.047402	0	0.446128	0.493531	0.383322	0.101659	0.158281	1.136792	4.932489	0	3.128607	8.061095	0.030254	0	0.001405	0.031659	0.441099	337.694
0.010115	0.060821	0.332691	0.391488	0.785001	12278.1	0	388.8066	12666.91	0.145182	0	0.360525	0.505707	0.24303	0	0.170992	0.414022	0.60013	0	1.727409	2.327539	2.916282	0.67535	2.080819	7.99999	0.875708	0	1.891295	2.767004	2.916282	0.67535	2.080819	8.439455	38.28467	0	17.21307	55.49774	0.121382	0	0.003844	0.125225	1.646666	1335.71
0	4.47E-06	2.89E-06	3.24E-06	1.06E-05	0.130399	0	0	0.130399	4.58E-07	0	0	4.58E-07	2.05E-05	0	0	2.05E-05	9.85E-06	0	0	9.85E-06	0	0	0	9.85E-06	1.12E-05	0	0	1.12E-05	0	0	0	1.12E-05	8.83E-05	0	0	8.83E-05	1.24E-06	0	0	1.24E-06	1.12E-06	0.011648
0	0	0.005534	0.003027	0.008561	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.56E-05	0.000177	0.004233	0.002132	0.006542	62.581	0	3.07198	65.65298	0.000207	0	0.001934	0.002141	0.000252	0	0.000943	0.001195	0.000667	0	0.008032	0.008699	0.003646	0.001161	0.001084	0.014589	0.000973	0	0.008794	0.009767	0.003646	0.001161	0.001084	0.015657	0.101036	0	0.061637	0.162673	0.000619	0	3.04E-05	0.000649	0.009119	6.923024
0.052178	0.327741	2.423704	2.764304	5.515749	89871.35	0	2631.866	92503.21	0.580121	0	1.986192	2.566312	1.280235	0	1.147361	2.427596	2.024013	0	8.505296	10.52931	9.580373	2.194513	6.997974	29.30217	2.953435	0	9.312229	12.26566	9.580373	2.194513	6.997974	31.03852	198.2706	0	91.31136	289.582	0.88847	0	0.026019	0.914488	12.34603	9754.348
0	0.004916	0.00911	0.01036	0.024385	311.9333	0	0	311.9333	0.000797	0	0	0.000797	0.049145	0	0	0.049145	0.017158	0	0	0.017158	0	0	0	0.017158	0.019533	0	0	0.019533	0	0	0	0.019533	0.178706	0	0	0.178706	0.002956	0	0	0.002956	0.00353	27.86488
0	0	0.047546	0.026028	0.073573	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000698	0.002618	0.05134	0.02583	0.079789	774.2552	0	42.47643	816.7316	0.00254	0	0.02484	0.02738	0.003091	0	0.01204	0.015132	0.00823	0	0.103673	0.111904	0.056922	0.017301	0.018983	0.20511	0.01201	0	0.113509	0.125519	0.056922	0.017301	0.018983	0.218725	1.24889	0	0.795876	2.044765	0.007654	0	0.00042	0.008074	0.112986	86.12333
0.001481	0.025962	0.151145	1.473667	1.650773	12735.42	57.92794	191.1064	12984.46	0.046309	0.050265	0.192141	0.288715	0.08516	0.001405	0.336881	0.423446	0.196368	0.17628	0.89764	1.270288	1.158113	0.256014	1.596275	4.28069	0.286539	0.257228	0.982803	1.52657	1.158113	0.256014	1.596275	4.536972	12.64633	1.937861	24.47619	39.06038	0.125903	0.000573	0.001889	0.128365	0.850192	1369.195
0	0.343634	0.161582	1.050282	1.555498	7477.471	46.84043	0	7524.311	0.06723	0.001916	0	0.069146	1.178079	0.00738	0	1.185458	1.447428	0.041244	0	1.488672	0	0	0	1.488672	1.6478	0.046954	0	1.694754	0	0	0	1.694754	3.926528	0.341852	0	4.268379	0.070853	0.000444	0	0.071297	2.640273	672.1438
0	0	0.048854	0.238163	0.287017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000145	0.002904	0.019584	0.222764	0.245252	1860.355	9.156903	25.24247	1894.755	0.003923	0.006661	0.025213	0.035797	0.011059	0.000182	0.044848	0.056089	0.015232	0.023446	0.117107	0.155784	0.164603	0.033983	0.212439	0.566809	0.022226	0.034212	0.128217	0.184655	0.164603	0.033983	0.212439	0.59568	1.433106	0.263631	3.224236	4.920973	0.018392	9.05E-05	0.00025	0.018732	0.110158	199.7995
0	0.149019	0.071999	0.54599	0.767008	3911.256	33.49357	0	3944.75	0.029009	0.000856	0	0.029865	0.61622	0.005277	0	0.621497	0.62454	0.018437	0	0.642977	0	0	0	0.642977	0.710997	0.020989	0	0.731987	0	0	0	0.731987	1.627853	0.152815	0	1.780668	0.037061	0.000317	0	0.037379	1.210116	352.3829
0	0	0.011989	0.068187	0.080176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0052	0.01505	0.018031	0.054092	0.087173	858.4497	0	67.50993	925.9596	0.697552	0	0.243754	0.941306	0.167842	0	0.009883	0.177725	4.364589	0	1.772623	6.137213	3.361588	5.665261	6.086047	21.25011	5.360901	0	1.928473	7.289374	3.361588	5.665261	6.086047	22.40227	51.19945	0	12.27656	63.47601	0.008487	0	0.000667	0.009154	0.040643	97.64128
0.032965	0.196339	1.398209	1.616817	3.211365	63440.25	0	1944.611	65384.86	0.402988	0	1.377239	1.780226	0.843236	0	0.72859	1.571826	1.503896	0	6.284803	7.788699	7.414476	1.650802	5.391266	22.24524	2.194482	0	6.881068	9.075549	7.414476	1.650802	5.391266	23.53209	125.7135	0	59.58343	185.297	0.627171	0	0.019224	0.646396	7.025769	6894.752
0	0.007353	0.018121	0.021339	0.046813	842.5258	0	0	842.5258	0.001009	0	0	0.001009	0.13274	0	0	0.13274	0.021728	0	0	0.021728	0	0	0	0.021728	0.024736	0	0	0.024736	0	0	0	0.024736	0.505411	0	0	0.505411	0.007983	0	0	0.007983	0.007022	75.2625
0	0	0.045347	0.024847	0.070194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000464	0.001702	0.031226	0.0157	0.048628	471.6076	0	32.35494	503.9625	0.001541	0	0.015442	0.016983	0.001873	0	0.007466	0.009339	0.005006	0	0.06462	0.069626	0.042528	0.012041	0.015669	0.139864	0.007305	0	0.070751	0.078055	0.042528	0.012041	0.015669	0.148293	0.760784	0	0.496071	1.256855	0.004662	0	0.00032	0.004982	0.068915	53.14222
2.11E-06	0.00076	0.007462	0.027367	0.035589	1153.576	0	0.192112	1153.769	0.003202	0	0.00022	0.003422	0.009569	0	0.000348	0.009917	0.010617	0	0.000824	0.011441	0.206069	0.044165	0.001126	0.262801	0.015492	0	0.000902	0.016395	0.206069	0.044165	0.001126	0.267755	0.187047	0	0.017397	0.204443	0.011404	0	1.9E-06	0.011406	0.027981	121.6634
0	0.026071	0.005475	0.015007	0.046554	358.0364	0	0	358.0364	0.00137	0	0	0.00137	0.056409	0	0	0.056409	0.029504	0	0	0.029504	0	0	0	0.029504	0.033588	0	0	0.033588	0	0	0	0.033588	0.102989	0	0	0.102989	0.003393	0	0	0.003393	0.059448	31.98325
0.00039	0.003013	0.025854	0.094664	0.12353	3389.894	21.18382	34.49929	3445.577	0.009716	0.011284	0.033444	0.054444	0.022089	0.000282	0.024261	0.046631	0.042138	0.042592	0.169798	0.254528	0.095251	0.018835	0.171449	0.540063	0.061488	0.06215	0.185908	0.309546	0.095251	0.018835	0.171449	0.595081	0.853485	0.619471	3.393422	4.866378	0.033513	0.000209	0.000341	0.034063	0.096952	363.3318
0	0.070934	0.152743	0.562853	0.78653	13437.94	658.437	0	14096.37	0.005525	0.002728	0	0.008252	2.117152	0.103737	0	2.220889	0.118947	0.058722	0	0.177669	0	0	0	0.177669	0.135412	0.066851	0	0.202263	0	0	0	0.202263	0.673709	2.362279	0	3.035987	0.127249	0.006235	0	0.133484	2.769609	1259.223
0	0	0.041239	0.07596	0.1172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000355	0.002288	0.008462	0.011105	168.4273	25.42952	0	193.8568	0.125444	0.075587	0	0.20103	0.034335	0.005184	0	0.039519	0.001792	0.00108	0	0.002872	0	0	0	0.002872	0.128025	0.077142	0	0.205166	0	0	0	0.205166	0.475674	0.192261	0	0.667936	0	0	0	0	0.202075	22.40689
6.42E-05	0.000495	0.004549	0.016785	0.021829	607.8119	3.762106	6.226259	617.8003	0.002944	0.001969	0.006936	0.01185	0.005794	4.56E-05	0.005623	0.011463	0.01395	0.007685	0.037444	0.059079	0.041442	0.007994	0.045518	0.154034	0.020356	0.011214	0.040996	0.072566	0.041442	0.007994	0.045518	0.167521	0.315781	0.059468	0.769969	1.145217	0.006009	3.72E-05	6.16E-05	0.006108	0.01706	65.14627
0	0.020924	0.009975	0.050292	0.081192	1050.593	31.0823	0	1081.675	0.001822	0.000531	0	0.002353	0.165521	0.004897	0	0.170418	0.039222	0.01143	0	0.050652	0	0	0	0.050652	0.044652	0.013012	0	0.057664	0	0	0	0.057664	0.13776	0.180063	0	0.317823	0.009948	0.000294	0	0.010243	0.17797	96.62561
0	0	0.001114	0.002052	0.003166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	7.02E-05	0.000654	0.002424	0.003148	46.38166	1.200512	0	47.58218	0.035546	0.004046	0	0.039593	0.009455	0.000245	0	0.0097	0.000508	5.78E-05	0	0.000566	0	0	0	0.000566	0.036278	0.00413	0	0.040407	0	0	0	0.040407	0.145124	0.008562	0	0.153687	0	0	0	0	0.05774	5.499774
1.7E-05	0.000398	0.003047	0.017433	0.020878	316.2721	18.50741	1.576735	336.3563	0.002072	0.018158	0.002088	0.022318	0.007678	0.000563	0.002189	0.01043	0.009699	0.077437	0.011575	0.098711	0.025184	0.004671	0.016305	0.144872	0.014152	0.112996	0.012673	0.139822	0.025184	0.004671	0.016305	0.185982	0.219799	0.598459	0.244781	1.063038	0.003127	0.000183	1.56E-05	0.003325	0.017137	35.46835
0	0.005941	0.004653	0.017579	0.028173	435.7977	38.77739	0	474.5751	0.000859	0.000141	0	0.001	0.06866	0.006109	0	0.07477	0.018499	0.003032	0	0.02153	0	0	0	0.02153	0.021059	0.003451	0	0.024511	0	0	0	0.024511	0.059646	0.09987	0	0.159516	0.004127	0.000367	0	0.004494	0.068731	42.39361
0	0	0.001084	0.002288	0.003372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000656	0.001584	0.006124	0.008364	198.8737	24.84959	0	223.7233	0.504523	0.082223	0	0.586746	0.040542	0.005066	0	0.045607	0.007209	0.001175	0	0.008383	0	0	0	0.008383	0.514903	0.083914	0	0.598817	0	0	0	0.598817	1.633888	0.157898	0	1.791786	0	0	0	0	0.139949	25.859
5.39E-06	0.000335	0.002228	0.023206	0.025769	275.3807	0	0.710462	276.0911	0.000549	0	0.000825	0.001374	0.002693	0	0.000695	0.003388	0.001698	0	0.003343	0.005041	0.001081	0.000283	0.001086	0.007491	0.002478	0	0.00366	0.006138	0.001081	0.000283	0.001086	0.008588	0.114955	0	0.07933	0.194285	0.002722	0	7.02E-06	0.002729	0.010719	29.11346
0	0.001241	0.005502	0.020546	0.027288	209.6533	0	0	209.6533	0.000555	0	0	0.000555	0.033031	0	0	0.033031	0.01195	0	0	0.01195	0	0	0	0.01195	0.013604	0	0	0.013604	0	0	0	0.013604	0.01368	0	0	0.01368	0.001987	0	0	0.001987	0.041242	18.72824
0	0	0.022385	0.038893	0.061278	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00044	0.021355	0.072232	0.094027	1238.915	0	0	1238.915	2.755216	0	0	2.755216	0.252561	0	0	0.252561	0.040326	0	0	0.040326	0	0	0	0.040326	2.812948	0	0	2.812948	0	0	0	2.812948	32.07193	0	0	32.07193	0	0	0	0	0.639545	143.1996
5.23E-07	8.49E-06	0.000131	0.000577	0.000716	12.02465	0	0.052766	12.07742	0.000551	0	1.14E-07	0.000551	0.000776	0	2.03E-06	0.000778	0.002528	0	5.95E-07	0.002529	0.000139	2.83E-05	0.000264	0.002959	0.003689	0	6.52E-07	0.00369	0.000139	2.83E-05	0.000264	0.00412	0.184201	0	0.005124	0.189324	0.000119	0	5.22E-07	0.000119	0.000294	1.273548
0	1.510936	1.939655	4.409248	7.85984	73597.69	4996.159	0	78593.85	0.030103	0.116209	0	0.146312	11.59535	0.787147	0	12.38249	0.648112	2.501944	0	3.150057	0	0	0	3.150057	0.737826	2.848273	0	3.5861	0	0	0	3.5861	2.580162	36.87894	0	39.4591	0.696926	0.047311	0	0.744237	11.92936	7020.758
0	0	0.177803	0.220778	0.398581	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003144	0.053125	0.225361	0.281631	1719.757	207.5911	0	1927.348	1.52627	0.493663	0	2.019933	0.350584	0.042319	0	0.392903	0.032466	0.00746	0	0.039926	0	0	0	0.039926	1.569814	0.504283	0	2.074097	0	0	0	2.074097	10.89577	1.633147	0	12.52892	0	0	0	0	1.174212	222.7721
0.085862	0.52918	4.319549	4.139934	8.988663	130353.6	0	3707.807	134061.4	0.735913	0	2.770928	3.506842	1.891643	0	1.738796	3.630439	2.411591	0	11.60571	14.0173	17.23573	3.942364	12.70956	47.90496	3.518987	0	12.70679	16.22578	17.23573	3.942364	12.70956	50.11343	294.2349	0	130.1943	424.4292	1.288678	0	0.036655	1.325334	22.03014	14136.61
0	0.002575	0.00424	0.00414	0.010954	112.0921	0	0	112.0921	0.000312	0	0	0.000312	0.01766	0	0	0.01766	0.006707	0	0	0.006707	0	0	0	0.006707	0.007636	0	0	0.007636	0	0	0	0.007636	0.138679	0	0	0.138679	0.001062	0	0	0.001062	0.001643	10.01314
0	0	0.536461	0.294168	0.830629	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00328	0.011988	0.199767	0.100275	0.31203	3067.183	0	143.8804	3211.064	0.010039	0	0.099427	0.109466	0.012239	0	0.048103	0.060342	0.032551	0	0.4156	0.448151	0.412453	0.104071	0.172638	1.137313	0.047498	0	0.45503	0.502528	0.412453	0.104071	0.172638	1.19169	4.943548	0	3.191121	8.134669	0.030322	0	0.001422	0.031745	0.443474	338.6027
0.009247	0.055172	0.328583	0.386084	0.769838	11966.35	0	376.1166	12342.47	0.127575	0	0.33172	0.459295	0.222961	0	0.165026	0.387988	0.517284	0	1.563324	2.080609	2.697468	0.613948	1.914237	7.306261	0.75482	0	1.711643	2.466463	2.697468	0.613948	1.914237	7.692116	35.05325	0	15.6707	50.72395	0.1183	0	0.003718	0.122018	1.6358	1301.498
0	4.16E-06	2.98E-06	3.36E-06	1.05E-05	0.133763	0	0	0.133763	4.4E-07	0	0	4.4E-07	2.11E-05	0	0	2.11E-05	9.48E-06	0	0	9.48E-06	0	0	0	9.48E-06	1.08E-05	0	0	1.08E-05	0	0	0	1.08E-05	8.62E-05	0	0	8.62E-05	1.27E-06	0	0	1.27E-06	1.16E-06	0.011949
0	0	0.00605	0.003311	0.009362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.92E-05	0.000189	0.004607	0.002322	0.007118	68.00941	0	3.387073	71.39648	0.000224	0	0.002132	0.002356	0.000273	0	0.001037	0.00131	0.000724	0	0.008871	0.009595	0.004146	0.001298	0.001246	0.016285	0.001057	0	0.009713	0.010769	0.004146	0.001298	0.001246	0.017459	0.109779	0	0.068074	0.177854	0.000672	0	3.35E-05	0.000706	0.009912	7.52867
0.049799	0.311157	2.439009	2.782688	5.532854	89394.45	0	2618.399	92012.85	0.561422	0	1.932587	2.494008	1.25566	0	1.149418	2.405078	1.931866	0	8.209001	10.14087	9.556844	2.136798	7.002991	28.8375	2.818974	0	8.987823	11.8068	9.556844	2.136798	7.002991	30.50343	196.0542	0	89.62814	285.6824	0.883755	0	0.025886	0.909641	12.48881	9702.64
0	0.004932	0.009169	0.010429	0.02453	310.433	0	0	310.433	0.0008	0	0	0.0008	0.048909	0	0	0.048909	0.01723	0	0	0.01723	0	0	0	0.01723	0.019616	0	0	0.019616	0	0	0	0.019616	0.179575	0	0	0.179575	0.002942	0	0	0.002942	0.003553	27.73085
0	0	0.051039	0.027952	0.078992	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000716	0.002644	0.05394	0.027158	0.083742	809.6514	0	44.99907	854.6504	0.002651	0	0.026371	0.029022	0.003221	0	0.012754	0.015975	0.008605	0	0.110316	0.118921	0.064891	0.018881	0.022302	0.224995	0.012556	0	0.120782	0.133339	0.064891	0.018881	0.022302	0.239413	1.305883	0	0.846897	2.152779	0.008004	0	0.000445	0.008449	0.118179	90.12182
0.001292	0.024403	0.146024	1.423729	1.594155	12207.18	56.20188	185.7309	12449.11	0.040751	0.048252	0.184487	0.27349	0.075761	0.001355	0.324158	0.401274	0.171995	0.168735	0.860282	1.201012	1.09088	0.236139	1.496822	4.024854	0.250975	0.246217	0.941901	1.439093	1.09088	0.236139	1.496822	4.262935	11.94582	1.890769	23.98651	37.8231	0.12068	0.000556	0.001836	0.123072	0.821382	1312.743
0	0.322129	0.156052	1.014341	1.492523	7194.272	45.46432	0	7239.736	0.062568	0.001871	0	0.064439	1.13346	0.007163	0	1.140623	1.347046	0.040285	0	1.387331	0	0	0	1.387331	1.533522	0.045862	0	1.579384	0	0	0	1.579384	3.621595	0.333905	0	3.9555	0.068169	0.000431	0	0.0686	2.580635	646.7228
0	0	0.058371	0.284557	0.342928	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000132	0.002777	0.018808	0.213939	0.235524	1770.6	8.823446	24.34786	1803.771	0.003487	0.006318	0.023714	0.03352	0.009884	0.000173	0.042615	0.052671	0.013409	0.022164	0.109644	0.145217	0.158415	0.031939	0.205014	0.540585	0.019566	0.032342	0.120046	0.171954	0.158415	0.031939	0.205014	0.567323	1.371018	0.255412	3.14027	4.7667	0.017504	8.72E-05	0.000241	0.017832	0.105794	190.2054
0	0.142996	0.069994	0.530791	0.743782	3785.648	32.87746	0	3818.526	0.027766	0.000845	0	0.02861	0.59643	0.00518	0	0.60161	0.597784	0.018182	0	0.615966	0	0	0	0.615966	0.680537	0.020699	0	0.701236	0	0	0	0.701236	1.555401	0.150702	0	1.706103	0.035871	0.000312	0	0.036182	1.18366	341.1074
0	0	0.014336	0.081534	0.09587	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005281	0.015216	0.01804	0.05412	0.087376	857.9034	0	66.89293	924.7964	0.689405	0	0.24101	0.930415	0.166852	0	0.009646	0.176499	4.292009	0	1.748153	6.040162	3.351732	5.691576	6.118499	21.20197	5.282488	0	1.902006	7.184494	3.351732	5.691576	6.118499	22.3463	50.48805	0	12.30939	62.79745	0.008481	0	0.000661	0.009143	0.040746	97.51862
0.031363	0.186173	1.401206	1.620781	3.208159	62794.71	0	1923.299	64718	0.383417	0	1.322931	1.706348	0.814871	0	0.724034	1.538905	1.408688	0	5.975463	7.384151	7.330328	1.595577	5.338113	21.64817	2.055554	0	6.54238	8.597934	7.330328	1.595577	5.338113	22.86195	122.8937	0	57.93489	180.8286	0.62079	0	0.019014	0.639803	7.088922	6824.433
0	0.006554	0.01773	0.020862	0.045146	813.3327	0	0	813.3327	0.000932	0	0	0.000932	0.128141	0	0	0.128141	0.02006	0	0	0.02006	0	0	0	0.02006	0.022837	0	0	0.022837	0	0	0	0.022837	0.481111	0	0	0.481111	0.007707	0	0	0.007707	0.00687	72.65469
0	0	0.048209	0.026428	0.074637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000472	0.001706	0.032786	0.016499	0.050991	492.6789	0	34.2087	526.8876	0.001607	0	0.016372	0.017979	0.00195	0	0.007898	0.009848	0.005229	0	0.068667	0.073896	0.045748	0.012764	0.016793	0.149201	0.00763	0	0.075182	0.082812	0.045748	0.012764	0.016793	0.158117	0.794697	0	0.527153	1.32185	0.004871	0	0.000338	0.005209	0.072002	55.55964
2.05E-06	0.000741	0.007302	0.026782	0.034825	1128.701	0	0.185676	1128.886	0.002915	0	0.000212	0.003126	0.008986	0	0.00034	0.009326	0.009408	0	0.000786	0.010194	0.190768	0.039835	0.001038	0.241835	0.013728	0	0.000861	0.014589	0.190768	0.039835	0.001038	0.24623	0.163663	0	0.01658	0.180243	0.011158	0	1.84E-06	0.01116	0.027384	119.0396
0	0.024318	0.00543	0.014881	0.044629	355.1327	0	0	355.1327	0.001321	0	0	0.001321	0.055951	0	0	0.055951	0.028445	0	0	0.028445	0	0	0	0.028445	0.032382	0	0	0.032382	0	0	0	0.032382	0.098478	0	0	0.098478	0.003365	0	0	0.003365	0.060162	31.72386
0.000374	0.002881	0.024591	0.090047	0.11752	3201.164	20.2301	32.8499	3254.244	0.008615	0.010853	0.031945	0.051413	0.020105	0.000267	0.023241	0.043613	0.036809	0.040987	0.161421	0.239217	0.090621	0.017455	0.163735	0.511028	0.053711	0.059808	0.176736	0.290255	0.090621	0.017455	0.163735	0.562066	0.735213	0.596057	3.189078	4.520348	0.031647	0.0002	0.000325	0.032172	0.092217	343.156
0	0.065546	0.149735	0.551706	0.766987	13087.49	641.976	0	13729.47	0.005067	0.002658	0	0.007725	2.06194	0.101144	0	2.163083	0.109102	0.057222	0	0.166324	0	0	0	0.166324	0.124204	0.065143	0	0.189347	0	0	0	0.189347	0.63848	2.323688	0	2.962169	0.123931	0.006079	0	0.13001	2.719205	1226.448
0	0	0.049587	0.09134	0.140927	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000356	0.002264	0.008373	0.010993	166.2998	25.47218	0	191.7719	0.124416	0.075189	0	0.199604	0.033901	0.005193	0	0.039094	0.001778	0.001074	0	0.002852	0	0	0	0.002852	0.126975	0.076735	0	0.203711	0	0	0	0.203711	0.469594	0.19457	0	0.664164	0	0	0	0	0.199962	22.16591
6.09E-05	0.000467	0.004254	0.015694	0.020414	564.4799	3.596879	5.951548	574.0283	0.002674	0.001882	0.006655	0.011211	0.005174	4.3E-05	0.005254	0.010471	0.012665	0.007378	0.036119	0.056162	0.03953	0.007568	0.043536	0.146796	0.018481	0.010765	0.039546	0.068792	0.03953	0.007568	0.043536	0.159426	0.290188	0.057082	0.735093	1.082362	0.00558	3.56E-05	5.88E-05	0.005675	0.015951	60.53057
0	0.019914	0.010016	0.050658	0.080589	1048.805	30.73226	0	1079.537	0.001728	0.000529	0	0.002257	0.16524	0.004842	0	0.170082	0.037207	0.011395	0	0.048602	0	0	0	0.048602	0.042357	0.012973	0	0.05533	0	0	0	0.05533	0.132109	0.179875	0	0.311984	0.009932	0.000291	0	0.010223	0.178935	96.43463
0	0	0.001305	0.002404	0.003709	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	7.21E-05	0.000662	0.002454	0.003187	46.67722	1.214337	0	47.89156	0.036115	0.004067	0	0.040182	0.009515	0.000248	0	0.009763	0.000516	5.81E-05	0	0.000574	0	0	0	0.000574	0.036858	0.004151	0	0.041009	0	0	0	0.041009	0.146719	0.008836	0	0.155555	0	0	0	0	0.058446	5.535534
1.67E-05	0.00039	0.002991	0.017113	0.020494	309.2914	18.13872	1.5326	328.9627	0.001473	0.017886	0.002015	0.021374	0.00674	0.000553	0.002193	0.009486	0.006684	0.076139	0.011094	0.093917	0.024584	0.004518	0.015939	0.138959	0.009754	0.111102	0.012146	0.133002	0.024584	0.004518	0.015939	0.178043	0.1472	0.588424	0.232586	0.968211	0.003058	0.000179	1.52E-05	0.003252	0.016822	34.6887
0	0.005125	0.004494	0.016975	0.026593	418.7978	37.2549	0	456.0527	0.000751	0.000137	0	0.000889	0.065982	0.00587	0	0.071851	0.016175	0.002955	0	0.019131	0	0	0	0.019131	0.018414	0.003365	0	0.021779	0	0	0	0.021779	0.053683	0.10008	0	0.153763	0.003966	0.000353	0	0.004319	0.068339	40.73901
0	0	0.001303	0.002751	0.004054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000653	0.001571	0.006072	0.008296	196.346	25.03082	0	221.3768	0.495883	0.082431	0	0.578314	0.040026	0.005103	0	0.045129	0.007085	0.001178	0	0.008263	0	0	0	0.008263	0.506085	0.084127	0	0.590211	0	0	0	0.590211	1.598884	0.160484	0	1.759369	0	0	0	0	0.138773	25.58778
4.78E-06	0.000321	0.002106	0.022111	0.024538	256.1493	0	0.646258	256.7955	0.000505	0	0.000755	0.00126	0.002499	0	0.000651	0.003149	0.001554	0	0.003042	0.004596	0.001133	0.000285	0.001117	0.007132	0.002268	0	0.003331	0.005599	0.001133	0.000285	0.001117	0.008134	0.113378	0	0.073791	0.187169	0.002532	0	6.39E-06	0.002539	0.010278	27.07877
0	0.001219	0.005378	0.020122	0.02672	204.608	0	0	204.608	0.000543	0	0	0.000543	0.032236	0	0	0.032236	0.0117	0	0	0.0117	0	0	0	0.0117	0.013319	0	0	0.013319	0	0	0	0.013319	0.013457	0	0	0.013457	0.001939	0	0	0.001939	0.040397	18.27755
0	0	0.023085	0.040579	0.063664	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000454	0.021252	0.071684	0.09339	1234.158	0	0	1234.158	2.745623	0	0	2.745623	0.251591	0	0	0.251591	0.040215	0	0	0.040215	0	0	0	0.040215	2.803186	0	0	2.803186	0	0	0	2.803186	31.96269	0	0	31.96269	0	0	0	0	0.634734	142.6498
5E-07	8.19E-06	0.000125	0.000556	0.00069	11.43093	0	0.049715	11.48064	0.000527	0	9.75E-08	0.000527	0.000738	0	1.08E-07	0.000739	0.002409	0	5.11E-07	0.002409	0.000123	2.38E-05	0.00023	0.002786	0.003515	0	5.59E-07	0.003515	0.000123	2.38E-05	0.00023	0.003892	0.178872	0	0.004894	0.183766	0.000113	0	4.91E-07	0.000113	0.000282	1.21062
0	1.534189	1.977476	4.513387	8.025052	74210.87	5028.948	0	79239.81	0.030251	0.118095	0	0.148346	11.69195	0.792313	0	12.48426	0.651286	2.542561	0	3.193847	0	0	0	3.193847	0.74144	2.894512	0	3.635952	0	0	0	3.635952	2.568831	37.49269	0	40.06152	0.702733	0.047621	0	0.750354	12.16385	7078.461
0	0	0.202728	0.252507	0.455235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003141	0.052928	0.223612	0.279681	1702.494	206.8033	0	1909.297	1.456872	0.486444	0	1.943316	0.347065	0.042158	0	0.389223	0.030858	0.007334	0	0.038192	0	0	0	0.038192	1.498286	0.496889	0	1.995175	0	0	0	1.995175	10.56048	1.637912	0	12.19839	0	0	0	0	1.174183	220.6857
0.08098	0.498079	4.319981	4.13814	8.9562	129111	0	3661.169	132772.1	0.707121	0	2.658593	3.365713	1.864943	0	1.719074	3.584017	2.283056	0	11.03132	13.31438	16.8711	3.748587	12.42799	46.36206	3.33143	0	12.07791	15.40934	16.8711	3.748587	12.42799	48.45702	288.9585	0	125.9137	414.8722	1.276393	0	0.036194	1.312588	22.16993	14000.66
0	0.002142	0.003877	0.003777	0.009796	100.7949	0	0	100.7949	0.000265	0	0	0.000265	0.01588	0	0	0.01588	0.005699	0	0	0.005699	0	0	0	0.005699	0.006488	0	0	0.006488	0	0	0	0.006488	0.121021	0	0	0.121021	0.000955	0	0	0.000955	0.001502	9.003969
0	0	0.550086	0.301702	0.851788	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003172	0.011412	0.201588	0.101278	0.314277	3070.242	0	145.2929	3215.535	0.01003	0	0.100891	0.110921	0.012212	0	0.048707	0.060919	0.032576	0	0.422639	0.455215	0.427437	0.104492	0.179123	1.166266	0.047535	0	0.462736	0.510271	0.427437	0.104492	0.179123	1.221322	4.948483	0	3.245245	8.193728	0.030352	0	0.001436	0.031789	0.445076	339.0742
0.008512	0.050477	0.325107	0.381461	0.757046	11696.21	0	365.1911	12061.4	0.113439	0	0.3073	0.420739	0.207784	0	0.160076	0.36786	0.451099	0	1.425672	1.876771	2.707871	0.584671	1.929341	7.098653	0.658242	0	1.560931	2.219173	2.707871	0.584671	1.929341	7.441056	32.47478	0	14.41769	46.89247	0.115629	0	0.00361	0.119239	1.627803	1271.86
0	3.91E-06	3.07E-06	3.47E-06	1.04E-05	0.13694	0	0	0.13694	4.27E-07	0	0	4.27E-07	2.16E-05	0	0	2.16E-05	9.19E-06	0	0	9.19E-06	0	0	0	9.19E-06	1.05E-05	0	0	1.05E-05	0	0	0	1.05E-05	8.48E-05	0	0	8.48E-05	1.3E-06	0	0	1.3E-06	1.19E-06	0.012233
0	0	0.006533	0.003577	0.010109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.26E-05	0.000199	0.004957	0.002499	0.007655	73.06227	0	3.691692	76.75396	0.00024	0	0.002322	0.002562	0.000292	0	0.001127	0.001419	0.000778	0	0.009682	0.01046	0.004716	0.001444	0.001441	0.018062	0.001135	0	0.010601	0.011736	0.004716	0.001444	0.001441	0.019338	0.117915	0	0.074301	0.192216	0.000722	0	3.65E-05	0.000759	0.010651	8.093609
0.047445	0.295262	2.45255	2.798788	5.5466	88958.17	0	2605.762	91563.93	0.54431	0	1.882437	2.426746	1.233117	0	1.151709	2.384826	1.847055	0	7.931407	9.778461	9.446734	2.065761	6.914665	28.20562	2.695218	0	8.683892	11.37911	9.446734	2.065761	6.914665	29.80627	194.0863	0	88.06168	282.148	0.879442	0	0.025761	0.905203	12.61075	9655.302
0	0.00495	0.009226	0.010496	0.024672	309.2409	0	0	309.2409	0.000804	0	0	0.000804	0.048721	0	0	0.048721	0.017305	0	0	0.017305	0	0	0	0.017305	0.0197	0	0	0.0197	0	0	0	0.0197	0.180454	0	0	0.180454	0.00293	0	0	0.00293	0.003575	27.62437
0	0	0.05425	0.029723	0.083973	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00073	0.00266	0.056291	0.028359	0.08731	841.4454	0	47.34459	888.7899	0.00275	0	0.027796	0.030545	0.003336	0	0.013414	0.01675	0.008941	0	0.116528	0.125469	0.071828	0.020249	0.025032	0.242579	0.013047	0	0.127584	0.140631	0.071828	0.020249	0.025032	0.25774	1.357064	0	0.894612	2.251675	0.008319	0	0.000468	0.008787	0.122846	93.72179
0.00112	0.022858	0.140531	1.370174	1.533562	11667.35	54.42242	179.9564	11901.73	0.034911	0.046263	0.176117	0.257291	0.067636	0.001304	0.310501	0.379442	0.145136	0.16135	0.818452	1.124938	1.04717	0.21943	1.42409	3.815629	0.211782	0.235441	0.896102	1.343326	1.04717	0.21943	1.42409	4.034016	11.24771	1.840402	23.39178	36.4799	0.115344	0.000538	0.001779	0.117661	0.790485	1255.023
0	0.299646	0.150024	0.975158	1.424828	6892.853	43.93921	0	6936.792	0.057824	0.00182	0	0.059644	1.085972	0.006923	0	1.092894	1.244916	0.039176	0	1.284092	0	0	0	1.284092	1.417254	0.0446	0	1.461854	0	0	0	1.461854	3.322544	0.324714	0	3.647258	0.065313	0.000416	0	0.06573	2.508936	619.6609
0	0	0.068545	0.334158	0.402704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000119	0.002636	0.017997	0.204716	0.22535	1680.111	8.478753	23.41684	1712.007	0.003036	0.005978	0.022234	0.031247	0.0088	0.000165	0.040374	0.049338	0.011469	0.020898	0.102286	0.134654	0.155523	0.030238	0.201163	0.521579	0.016736	0.030494	0.111991	0.159221	0.155523	0.030238	0.201163	0.546146	1.303911	0.24673	3.045995	4.596636	0.01661	8.38E-05	0.000231	0.016925	0.101233	180.529
0	0.136274	0.067722	0.513562	0.717558	3647.725	32.13721	0	3679.862	0.026464	0.000829	0	0.027293	0.574701	0.005063	0	0.579764	0.569747	0.017849	0	0.587595	0	0	0	0.587595	0.648619	0.02032	0	0.668938	0	0	0	0.668938	1.480919	0.14794	0	1.628859	0.034564	0.000305	0	0.034869	1.151471	328.7206
0	0	0.016847	0.095817	0.112664	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

0.005362	0.015375	0.018053	0.05416	0.087588	857.6732	0	66.40147	924.0747	0.682475	0	0.238757	0.921232	0.16604	0	0.009439	0.175479	4.229837	0	1.727815	5.957653	3.349082	5.720961	6.155176	21.18287	5.215367	0	1.880021	7.095388	3.349082	5.720961	6.155176	22.32061	49.88098	0	12.35397	62.23494	0.008479	0	0.000656	0.009135	0.040851	97.44252
0.029835	0.176705	1.404287	1.624772	3.205765	62238.38	0	1904.851	64143.23	0.366913	0	1.275371	1.642284	0.791326	0	0.721032	1.512358	1.327769	0	5.70498	7.032749	7.242953	1.540258	5.265263	21.08122	1.937478	0	6.246235	8.183713	7.242953	1.540258	5.265263	22.23219	120.5999	0	56.49891	177.0988	0.61529	0	0.018831	0.634121	7.146327	6763.823
0	0.005824	0.017376	0.020423	0.043623	786.997	0	0	786.997	0.000861	0	0	0.000861	0.123992	0	0	0.123992	0.018536	0	0	0.018536	0	0	0	0.018536	0.021102	0	0	0.021102	0	0	0	0.021102	0.458635	0	0	0.458635	0.007457	0	0	0.007457	0.006733	70.30213
0	0	0.050827	0.027877	0.078703	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000478	0.001706	0.034213	0.017229	0.053148	511.8875	0	35.95848	547.846	0.001666	0	0.017248	0.018914	0.002019	0	0.008303	0.010322	0.005433	0	0.072499	0.077931	0.048909	0.01345	0.017864	0.158155	0.007927	0	0.079377	0.087304	0.048909	0.01345	0.017864	0.167528	0.825606	0	0.556582	1.382189	0.005061	0	0.000355	0.005416	0.074817	57.76968
2E-06	0.000726	0.007164	0.026275	0.034165	1107.16	0	0.180104	1107.34	0.002693	0	0.000204	0.002898	0.008524	0	0.000331	0.008855	0.008481	0	0.000755	0.009236	0.175998	0.035898	0.000953	0.222084	0.012376	0	0.000826	0.013202	0.175998	0.035898	0.000953	0.22605	0.145741	0	0.015904	0.161645	0.010945	0	1.78E-06	0.010947	0.026867	116.7676
0	0.022634	0.005387	0.014762	0.042782	352.3981	0	0	352.3981	0.001274	0	0	0.001274	0.05552	0	0	0.05552	0.027424	0	0	0.027424	0	0	0	0.027424	0.031221	0	0	0.031221	0	0	0	0.031221	0.094114	0	0	0.094114	0.003339	0	0	0.003339	0.060861	31.47958
0.000361	0.002752	0.023311	0.085365	0.111429	3013.576	19.2746	31.2132	3064.063	0.007727	0.010407	0.030486	0.048621	0.018409	0.000252	0.022265	0.040926	0.032561	0.03934	0.153489	0.22539	0.088037	0.01633	0.159108	0.488866	0.047513	0.057405	0.168051	0.272969	0.088037	0.01633	0.159108	0.536445	0.638582	0.572063	2.992353	4.202998	0.029792	0.000191	0.000309	0.030291	0.087417	323.1017
0	0.060767	0.14654	0.539863	0.747171	12727.52	623.9156	0	13351.43	0.004662	0.002585	0	0.007246	2.005226	0.098298	0	2.103524	0.100364	0.05565	0	0.156014	0	0	0	0.156014	0.114257	0.063353	0	0.17761	0	0	0	0.17761	0.606	2.278276	0	2.884276	0.120522	0.005908	0	0.12643	2.664726	1192.678
0	0	0.058269	0.107339	0.165609	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000355	0.002236	0.00827	0.010861	163.9194	25.40825	0	189.3276	0.123103	0.074527	0	0.19763	0.033416	0.00518	0	0.038596	0.001759	0.001065	0	0.002824	0	0	0	0.002824	0.125636	0.07606	0	0.201696	0	0	0	0.201696	0.462853	0.195907	0	0.65876	0	0	0	0	0.197512	21.88338
5.77E-05	0.000439	0.003972	0.014653	0.019064	523.7795	3.441792	5.696201	532.9175	0.002449	0.001799	0.006361	0.010609	0.004674	4.06E-05	0.004953	0.009667	0.011609	0.007085	0.034623	0.053317	0.038242	0.007205	0.041985	0.140749	0.01694	0.010338	0.037908	0.065186	0.038242	0.007205	0.041985	0.152618	0.269057	0.054812	0.704416	1.028284	0.005178	3.4E-05	5.63E-05	0.005268	0.014895	56.19549
0	0.018958	0.010056	0.051014	0.080029	1047.262	30.32787	0	1077.59	0.001638	0.000527	0	0.002165	0.164996	0.004778	0	0.169775	0.035261	0.011345	0	0.046606	0	0	0	0.046606	0.040142	0.012915	0	0.053057	0	0	0	0.053057	0.126639	0.179418	0	0.306057	0.009917	0.000287	0	0.010204	0.179884	96.26065
0	0	0.0015	0.002763	0.004263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	7.4E-05	0.00067	0.002483	0.003226	46.97765	1.228052	0	48.2057	0.036677	0.004086	0	0.040763	0.009577	0.00025	0	0.009827	0.000524	5.84E-05	0	0.000582	0	0	0	0.000582	0.037432	0.00417	0	0.041602	0	0	0	0.041602	0.148267	0.009112	0	0.157379	0	0	0	0	0.059141	5.571844
1.65E-05	0.000385	0.002931	0.016772	0.020088	302.0493	17.75455	1.490944	321.2948	0.001063	0.017584	0.001936	0.020583	0.005962	0.000543	0.002175	0.008679	0.004636	0.074761	0.010598	0.089995	0.025865	0.004588	0.016881	0.137329	0.006765	0.109091	0.011604	0.12746	0.025865	0.004588	0.016881	0.174794	0.096956	0.577775	0.22258	0.897312	0.002986	0.000176	1.47E-05	0.003176	0.016487	33.88014
0	0.004369	0.004332	0.01636	0.02506	401.7459	35.74398	0	437.4899	0.000653	0.000134	0	0.000787	0.063295	0.005631	0	0.068927	0.014062	0.00288	0	0.016942	0	0	0	0.016942	0.016008	0.003279	0	0.019287	0	0	0	0.019287	0.048139	0.100034	0	0.148173	0.003804	0.000338	0	0.004143	0.067672	39.0808
0	0	0.001535	0.003241	0.004776	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000647	0.001551	0.005997	0.008195	193.0507	25.12434	0	218.175	0.485279	0.082326	0	0.567605	0.039355	0.005122	0	0.044476	0.006934	0.001176	0	0.00811	0	0	0	0.00811	0.495263	0.08402	0	0.579282	0	0	0	0.579282	1.557594	0.162564	0	1.720159	0	0	0	0	0.137048	25.21771
3.93E-06	0.00029	0.001914	0.020363	0.022567	222.1905	0	0.556332	222.7468	0.000419	0	0.00063	0.001049	0.002019	0	0.000587	0.002606	0.001276	0	0.002511	0.003787	0.001025	0.00026	0.001023	0.006095	0.001862	0	0.00275	0.004611	0.001025	0.00026	0.001023	0.006919	0.107594	0	0.067183	0.174777	0.002197	0	5.5E-06	0.002202	0.009571	23.48837
0	0.000893	0.003908	0.015211	0.020012	151.4071	0	0	151.4071	0.000401	0	0	0.000401	0.023854	0	0	0.023854	0.008628	0	0	0.008628	0	0	0	0.008628	0.009822	0	0	0.009822	0	0	0	0.009822	0.009914	0	0	0.009914	0.001435	0	0	0.001435	0.030574	13.52514
0	0	0.029333	0.051207	0.08054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000396	0.01715	0.058391	0.075938	997.1126	0	0	997.1126	2.214136	0	0	2.214136	0.203268	0	0	0.203268	0.03262	0	0	0.03262	0	0	0	0.03262	2.260763	0	0	2.260763	0	0	0	2.260763	25.72629	0	0	25.72629	0	0	0	0	0.517529	115.251
4.83E-07	7.9E-06	0.000121	0.000536	0.000665	10.86506	0	0.0468	10.91186	0.000507	0	9.29E-08	0.000507	0.000697	0	2.29E-08	0.000697	0.002316	0	4.87E-07	0.002316	0.000114	2.07E-05	0.00021	0.002662	0.003379	0	5.33E-07	0.00338	0.000114	2.07E-05	0.00021	0.003725	0.173406	0	0.004571	0.177977	0.000107	0	4.63E-07	0.000108	0.000271	1.150642
0	1.553864	2.012789	4.609726	8.176379	74770.7	5071.507	0	79842.21	0.030402	0.120086	0	0.150488	11.78015	0.799018	0	12.57917	0.65454	2.585426	0	3.239966	0	0	0	3.239966	0.745143	2.943311	0	3.688454	0	0	0	3.688454	2.565102	38.13654	0	40.70164	0.708034	0.048024	0	0.756058	12.38207	7132.273
0	0	0.226131	0.282462	0.508594	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003135	0.052558	0.22131	0.277003	1681.364	205.4847	0	1886.849	1.391858	0.478394	0	1.870253	0.342757	0.041889	0	0.384647	0.029466	0.007201	0	0.036667	0	0	0	0.036667	1.431407	0.488653	0	1.92006	0	0	0	1.92006	10.22652	1.638594	0	11.86511	0	0	0	0	1.169704	218.091
0.076637	0.470966	4.322367	4.142193	8.935526	128106.5	0	3621.294	131727.8	0.68202	0	2.55631	3.238329	1.842131	0	1.702283	3.544414	2.169131	0	10.50083	12.66996	16.52398	3.552744	12.16607	44.91275	3.165191	0	11.49709	14.66228	16.52398	3.552744	12.16607	46.90507	284.6414	0	121.9927	406.6342	1.266463	0	0.0358	1.302263	22.29187	13890.53
0	0.001749	0.003578	0.003481	0.008808	91.45913	0	0	91.45913	0.000224	0	0	0.000224	0.014409	0	0	0.014409	0.004819	0	0	0.004819	0	0	0	0.004819	0.005486	0	0	0.005486	0	0	0	0.005486	0.106171	0	0	0.106171	0.000867	0	0	0.000867	0.001387	8.170008
0	0	0.561991	0.308288	0.870278	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.003063	0.010873	0.203066	0.102131	0.316071	3072.391	0	146.4279	3218.819	0.010028	0	0.102137	0.112165	0.012187	0	0.049211	0.061398	0.032617	0	0.428719	0.461336	0.443043	0.1047	0.185864	1.194943	0.047595	0	0.469393	0.516988	0.443043	0.1047	0.185864	1.250596	4.953564	0	3.292007	8.245572	0.030374	0	0.001448	0.031821	0.446074	339.4204
0.007896	0.046658	0.321928	0.377536	0.746122	11451.79	0	355.0027	11806.79	0.100597	0	0.284541	0.385138	0.194025	0	0.155462	0.349487	0.390783	0	1.297245	1.688028	2.657519	0.545901	1.894611	6.78606	0.57023	0	1.42032	1.99055	2.657519	0.545901	1.894611	7.088582	30.13529	0	13.24371	43.379	0.113213	0	0.00351	0.116722	1.620202	1245.011
0	1.99E-06	3.09E-06	3.49E-06	8.57E-06	0.136735	0	0	0.136735	2.95E-07	0	0	2.95E-07	2.15E-05	0	0	2.15E-05	6.34E-06	0	0	6.34E-06	0	0	0	6.34E-06	7.22E-06	0	0	7.22E-06	0	0	0	7.22E-06	6.52E-05	0	0	6.52E-05	1.3E-06	0	0	1.3E-06	1.2E-06	0.012215
0	0	0.00698	0.003823	0.010803	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.58E-05	0.000209	0.005281	0.002665	0.008154	77.79439	0	3.985079	81.77947	0.000256	0	0.002504	0.00276	0.00031	0	0.001213	0.001523	0.000829	0	0.010464	0.011293	0.005354	0.001599	0.001673	0.019919	0.00121	0	0.011457	0.012666	0.005354	0.001599	0.001673	0.021293	0.125575	0	0.080302	0.205877	0.000769	0	3.94E-05	0.000808	0.011336	8.623543
0.045287	0.281154	2.464465	2.815463	5.561083	88577.91	0	2594.57	91172.48	0.529605	0	1.837086	2.366691	1.213248	0	1.154225	2.367473	1.773441	0	7.681104	9.454545	9.440355	2.005536	6.911665	27.8121	2.587801	0	8.409842	10.99764	9.440355	2.005536	6.911665	29.3552	192.5635	0	86.69741	279.261	0.875683	0	0.02565	0.901333	12.71388	9614.024
0	0.004973	0.009284	0.010573	0.02483	308.3958	0	0	308.3958	0.00081	0	0	0.00081	0.048588	0	0	0.048588	0.01743	0	0	0.01743	0	0	0	0.01743	0.019843	0	0	0.019843	0	0	0	0.019843	0.181892	0	0	0.181892	0.002922	0	0	0.002922	0.003597	27.54887
0	0	0.057178	0.03134	0.088519	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000742	0.002672	0.058408	0.029452	0.090531	870.5015	0	49.52101	920.0225	0.002842	0	0.029117	0.031959	0.00344	0	0.014024	0.017464	0.009256	0	0.122322	0.131577	0.080713	0.021797	0.028804	0.262891	0.013506	0	0.133927	0.147433	0.080713	0.021797	0.028804	0.278746	1.404313	0	0.93911	2.343423	0.008606	0	0.00049	0.009095	0.127034	97.01523
0.001058	0.021855	0.135424	1.320389	1.477668	11169.56	52.77146	174.2597	11396.59	0.030235	0.044426	0.168271	0.242932	0.059711	0.001257	0.29852	0.359487	0.123462	0.154611	0.779111	1.057184	1.036256	0.207908	1.399226	3.700574	0.180156	0.225608	0.853028	1.258792	1.036256	0.207908	1.399226	3.902182	10.58028	1.792731	22.69431	35.06732	0.110422	0.000522	0.001723	0.112667	0.761763	1201.756
0	0.279399	0.144373	0.938425	1.362197	6608.14	42.46353	0	6650.604	0.05353	0.001769	0	0.0553	1.041115	0.00669	0	1.047805	1.15248	0.038088	0	1.190567	0	0	0	1.190567	1.312021	0.04336	0	1.355382	0	0	0	1.355382	3.052515	0.315691	0	3.368206	0.062615	0.000402	0	0.063018	2.438715	594.0958
0	0	0.078194	0.381198	0.459392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00011	0.002519	0.017233	0.196031	0.215783	1595.115	8.143711	22.50466	1625.763	0.002664	0.005651	0.020839	0.029154	0.007826	0.000156	0.038228	0.04621	0.00989	0.019688	0.095377	0.124955	0.151765	0.028457	0.196504	0.501681	0.014432	0.028729	0.104426	0.147586	0.151765	0.028457	0.196504	0.524313	1.240365	0.23819	2.94968	4.428235	0.015769	8.05E-05	0.000222	0.016072	0.096938	171.4347
0	0.13068	0.065559	0.497155	0.693394	3515.536	31.40032	0	3546.937	0.025216	0.000813	0	0.026029	0.553874	0.004947	0	0.558821	0.542885	0.017514	0	0.560399	0	0	0	0.560399	0.618039	0.019938	0	0.637977	0	0	0	0.637977	1.411217	0.145162	0	1.556379	0.033311	0.000298	0	0.033609	1.119715	316.8465
0	0	0.019233	0.10939	0.128624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005438	0.015528	0.018066	0.054198	0.087793	857.6398	0	65.95543	923.5952	0.676515	0	0.236673	0.913188	0.165319	0	0.009246	0.174564	4.175577	0	1.708999	5.884576	3.348223	5.750261	6.191293	21.17435	5.157106	0	1.859686	7.016792	3.348223	5.750261	6.191293	22.30657	49.34926	0	12.40039	61.74965	0.008479	0	0.000652	0.009131	0.040947	97.39196
0.028547	0.168709	1.407435	1.630357	3.206501	61772.6	0	1889.317	63661.92	0.353597	0	1.23461	1.588207	0.772181	0	0.719416	1.491597	1.261902	0	5.474594	6.736496	7.196869	1.489603	5.226099	20.64907	1.841365	0	5.993991	7.835356	7.196869	1.489603	5.226099	21.74793	118.8628	0	55.30515	174.168	0.610685	0	0.018678	0.629363	7.198586	6713.07
0	0.005192	0.017059	0.020042	0.042294	763.2733	0	0	763.2733	0.000801	0	0	0.000801	0.120254	0	0	0.120254	0.017239	0	0	0.017239	0	0	0	0.017239	0.019625	0	0	0.019625	0	0	0	0.019625	0.439334	0	0	0.439334	0.007232	0	0	0.007232	0.006611	68.1829
0	0	0.053208	0.029195	0.082404	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000484	0.001705	0.035507	0.017899	0.05511	529.5828	0	37.59755	567.1803	0.001722	0	0.018068	0.01979	0.002082	0	0.00868	0.010762	0.005624	0	0.076102	0.081727	0.055862	0.014501	0.021028	0.173117	0.008207	0	0.083322	0.091529	0.055862	0.014501	0.021028	0.18292	0.854367	0	0.58426	1.438627	0.005235	0	0.000372	0.005607	0.077364	59.80846
1.97E-06	0.000715	0.007047	0.025844	0.033606	1088.669	0	0.175342	1088.844	0.002525	0	0.000198	0.002723	0.00816	0	0.000322	0.008482	0.007785	0	0.000728	0.008513	0.166944	0.032864	0.000901	0.209222	0.01136	0	0.000797	0.012157	0.166944	0.032864	0.000901	0.212866	0.132224	0	0.015348	0.147572	0.010763	0	1.73E-06	0.010764	0.026427	114.8173
0	0.021022	0.005343	0.014641	0.041006	349.5745	0	0	349.5745	0.001229	0	0	0.001229	0.055076	0	0	0.055076	0.026468	0	0	0.026468	0	0	0	0.026468	0.030132	0	0	0.030132	0	0	0	0.030132	0.090002	0	0	0.090002	0.003312	0	0	0.003312	0.061498	31.22735
0.000349	0.00263	0.022121	0.081015	0.105767	2840.341	18.37524	29.68488	2888.401	0.006973	0.009984	0.029086	0.046043	0.016824	0.000238	0.021518	0.03858	0.029013	0.037771	0.145951	0.212735	0.086275	0.015345	0.156398	0.470754	0.042336	0.055115	0.159798	0.257249	0.086275	0.015345	0.156398	0.515268	0.562152	0.549229	2.814557	3.925939	0.02808	0.000182	0.000293	0.028555	0.082955	304.5783
0	0.057025	0.14359	0.528931	0.729546	12392.62	605.5598	0	12998.18	0.004347	0.002516	0	0.006863	1.952462	0.095406	0	2.047868	0.093586	0.054166	0	0.147752	0	0	0	0.147752	0.10654	0.061664	0	0.168204	0	0	0	0.168204	0.579065	2.230634	0	2.809699	0.117351	0.005734	0	0.123085	2.614099	1161.122
0	0	0.066752	0.122977	0.189729	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000354	0.002207	0.008163	0.010724	161.4659	25.24796	0	186.7139	0.121743	0.073557	0	0.1953	0.032916	0.005147	0	0.038063	0.001739	0.001051	0	0.00279	0	0	0	0.00279	0.124248	0.07507	0	0.199318	0	0	0	0.199318	0.455839	0.196574	0	0.652413	0	0	0	0	0.194943	21.58128
5.55E-05	0.000416	0.00372	0.013723	0.01786	487.5951	3.2947	5.449871	496.3397	0.002272	0.001722	0.006078	0.010072	0.004298	3.84E-05	0.004723	0.009059	0.010777	0.006808	0.033179	0.050764	0.037084	0.006834	0.04054	0.135222	0.015726	0.009934	0.036327	0.061987	0.037084	0.006834	0.04054	0.146445	0.247934	0.052661	0.672764	0.973358	0.00482	3.26E-05	5.39E-05	0.004907	0.013951	52.3384
0	0.018102	0.010096	0.051358	0.079556	1046.194	29.91415	0	1076.108	0.001559	0.000525	0	0.002084	0.164828	0.004713	0	0.169541	0.033561	0.011296	0	0.044857	0	0	0	0.044857	0.038207	0.01286	0	0.051067	0	0	0	0.051067	0.121712	0.178921	0	0.300633	0.009907	0.000283	0	0.01019	0.18084	96.12833
0	0	0.001682	0.003098	0.00478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	7.58E-05	0.000677	0.00251	0.003263	47.28279	1.238867	0	48.52166	0.037214	0.004096	0	0.041309	0.009639	0.000253	0	0.009891	0.000532	5.85E-05	0	0.00059	0	0	0	0.00059	0.037979	0.00418	0	0.042159	0	0	0	0.042159	0.149718	0.009363	0	0.15908	0	0	0	0	0.059804	5.608363
1.64E-05	0.000383	0.002859	0.016358	0.0196	293.393	17.2756	1.447204	312.1158	0.000862	0.017183	0.001875	0.019919	0.005539	0.000527	0.002144	0.008209	0.003646	0.073013	0.010234	0.086894	0.027732	0.004676	0.018291	0.137593	0.005321	0.106541	0.011205	0.123067	0.027732	0.004676	0.018291	0.173766	0.074039	0.56427	0.21471	0.853018	0.0029	0.000171	1.43E-05	0.003086	0.01608	32.91222
0	0.003692	0.004175	0.015767	0.023635	385.3762	34.28878	0	419.665	0.000566	0.00013	0	0.000696	0.060716	0.005402	0	0.066118	0.012179	0.002807	0	0.014986	0	0	0	0.014986	0.013865	0.003195	0	0.01706	0	0	0	0.01706	0.043103	0.099848	0	0.14295	0.003649	0.000325	0	0.003974	0.066869	37.48851
0	0	0.001765	0.003725	0.005489	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000639	0.001528	0.005907	0.008074	189.2863	25.14402	0	214.4303	0.473393	0.081928	0	0.55532	0.038587	0.005126	0	0.043713	0.006764	0.001171	0	0.007934	0	0	0	0.007934	0.483132	0.083613	0	0.566745	0	0	0	0.566745	1.511982	0.164309	0	1.676291	0	0	0	0	0.135	24.78487
3.69E-06	0.000288	0.001898	0.020287	0.022473	217.1728	0	0.534612	217.7074	0.000411	0	0.00061	0.00102	0.001987	0	0.000583	0.002571	0.001246	0	0.002431	0.003677	0.001022	0.00026	0.001022	0.005982	0.001819	0	0.002662	0.00448	0.001022	0.00026	0.001022	0.006785	0.109263	0	0.066579	0.175843	0.002147	0	5.29E-06	0.002152	0.009569	22.95698
0	0.000842	0.00365	0.013822	0.018314	139.7061	0	0	139.7061	0.000374	0	0	0.000374	0.022011	0	0	0.022011	0.008051	0	0	0.008051	0	0	0	0.008051	0.009166	0	0	0.009166	0	0	0	0.009166	0.009363	0	0	0.009363	0.001324	0	0	0.001324	0.027797	12.47989
0	0	0.032445	0.057006	0.089451	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000385	0.015669	0.053132	0.069186	909.6907	0	0	909.6907	2.022877	0	0	2.022877	0.185446	0	0	0.185446	0.029914	0	0	0.029914	0	0	0	0.029914	2.065599	0	0	2.065599	0	0	0	2.065599	23.51751	0	0	23.51751	0	0	0	0	0.47123	105.1464
4.68E-07	7.63E-06	0.000116	0.000517	0.00064	10.34177	0	0.044472	10.38624	0.000487	0	1.23E-07	0.000487	0.000658	0	0	0.000658	0.002224	0	6.51E-07	0.002224	0.00011	1.87E-05	0.000202	0.002554	0.003245	0	7.13E-07	0.003246	0.00011	1.87E-05	0.000202	0.003576	0.167445	0	0.004415	0.17186	0.000102	0	4.4E-07	0.000103	0.00026	1.095216
0	1.579135	2.051035	4.709473	8.339643	75541.24	5127.808	0	80669.05	0.030674	0.122275	0	0.152949	11.90155	0.807888	0	12.70944	0.660395	2.632547	0	3.292942	0	0	0	3.292942	0.75181	2.996954	0	3.748764	0	0	0	3.748764	2.567754	38.84147	0	41.40922	0.71533	0.048557	0	0.763888	12.61773	7206.134
0	0	0.248424	0.31105	0.559474	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003128	0.052157	0.218849	0.274134	1659.905	204.1459	0	1864.051	1.33193	0.47109	0	1.80302	0.338382	0.041616	0	0.379999	0.028134	0.007078	0	0.035212	0	0	0	0.035212	1.369704	0.481178	0	1.850882	0	0	0	1.850882	9.906659	1.639316	0	11.54598	0	0	0	0	1.164555	215.4558
0.072711	0.446836	4.326682	4.144568	8.918086	127300	0	3589.541	130889.5	0.660972	0	2.468585	3.129556	1.823806	0	1.688998	3.512804	2.073695	0	10.04593	12.11962	16.25963	3.385724	11.9693	43.73428	3.025931	0	10.99903	14.02496	16.25963	3.385724	11.9693	45.63961	281.0627	0	118.7341	399.7968	1.25849	0	0.035486	1.293976	22.40025	13802.13
0	0.001442	0.003341	0.003242	0.008025	84.01289	0	0	84.01289	0.000191	0	0	0.000191	0.013236	0	0	0.013236	0.004118	0	0	0.004118	0	0	0	0.004118	0.004688	0	0	0.004688	0	0	0	0.004688	0.094037	0	0	0.094037	0.000796	0	0	0.000796	0.001295	7.504838
0	0	0.572319	0.314004	0.886322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002956	0.010372	0.204254	0.102795	0.317421	3070.822	0	147.3376	3218.159	0.010008	0	0.103197	0.113205	0.012151	0	0.049634	0.061784	0.032595	0	0.433956	0.466551	0.484855	0.107354	0.20586	1.264619	0.047562	0	0.475127	0.522689	0.484855	0.107354	0.20586	1.320757	4.95106	0	3.332293	8.283353	0.030358	0	0.001457	0.031815	0.446605	339.3509
0.007354	0.043334	0.319246	0.373886	0.736466	11239.1	0	346.2724	11585.37	0.090064	0	0.265152	0.355217	0.182659	0	0.151478	0.334137	0.341542	0	1.188768	1.53031	2.488828	0.499897	1.762486	6.281522	0.498378	0	1.301551	1.799929	2.488828	0.499897	1.762486	6.551141	28.21937	0	12.28239	40.50176	0.11111	0	0.003423	0.114533	1.614395	1221.663
0	1.99E-06	3.17E-06	3.59E-06	8.75E-06	0.139696	0	0	0.139696	2.99E-07	0	0	2.99E-07	2.2E-05	0	0	2.2E-05	6.43E-06	0	0	6.43E-06	0	0	0	6.43E-06	7.32E-06	0	0	7.32E-06	0	0	0	7.32E-06	6.64E-05	0	0	6.64E-05	1.32E-06	0	0	1.32E-06	1.23E-06	0.012479
0	0	0.007394	0.004052	0.011445	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.89E-05	0.000218	0.00558	0.002817	0.008615	82.1176	0	4.266553	86.38416	0.000269	0	0.002678	0.002948	0.000326	0	0.001295	0.001621	0.000875	0	0.011214	0.012089	0.006105	0.001762	0.001953	0.02191	0.001277	0	0.012278	0.013555	0.006105	0.001762	0.001953	0.023375	0.132534	0	0.086062	0.218596	0.000812	0	4.22E-05	0.000854	0.011968	9.109101
0.043276	0.268173	2.474979	2.827716	5.570868	88233.13	0	2585.141	90818.27	0.517035	0	1.797155	2.314189	1.196341	0	1.157094	2.353435	1.710718	0	7.461098	9.171816	9.627039	1.968721	7.065984	27.83356	2.496276	0	8.168963	10.66524	9.627039	1.968721	7.065984	29.32698	191.2661	0	85.55766	276.8238	0.872274	0	0.025557	0.897831	12.80133	9576.673
0	0.004997	0.009342	0.010642	0.024981	307.9813	0	0	307.9813	0.000814	0	0	0.000814	0.048523	0	0	0.048523	0.017519	0	0	0.017519	0	0	0	0.017519	0.019944	0	0	0.019944	0	0	0	0.019944	0.182976	0	0	0.182976	0.002918	0	0	0.002918	0.00362	27.51185
0	0	0.059825	0.032803	0.092628	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000751	0.002675	0.060292	0.030417	0.093384	895.7317	0	51.51593	947.2476	0.002919	0	0.03033	0.033249	0.00353	0	0.01458	0.01811	0.009522	0	0.127661	0.137183	0.088887	0.023128	0.031922	0.281119	0.013895	0	0.139772	0.153667	0.088887	0.023128	0.031922	0.297603	1.444927	0	0.980125	2.425052	0.008855	0	0.000509	0.009365	0.130739	99.88608
0.001005	0.020978	0.130785	1.275155	1.426917	10725.97	51.22996	168.8868	10946.08	0.026288	0.042725	0.161262	0.230275	0.053053	0.001212	0.287611	0.341875	0.105145	0.148414	0.744277	0.997837	1.041176	0.198928	1.396611	3.634551	0.153428	0.216566	0.81489	1.184883	1.041176	0.198928	1.396611	3.821598	10.00912	1.747723	22.05454	33.81139	0.106037	0.000506	0.00167	0.108213	0.735666	1154.251
0	0.259551	0.139031	0.903698	1.30228	6341.83	40.96048	0	6382.79	0.049423	0.001717	0	0.05114	0.999158	0.006453	0	1.005611	1.064048	0.036966	0	1.101014	0	0	0	1.101014	1.211348	0.042083	0	1.253431	0	0	0	1.253431	2.795975	0.306394	0	3.102368	0.060092	0.000388	0	0.06048	2.372052	570.1721
0	0	0.087084	0.424537	0.511621	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000103	0.002423	0.01655	0.188259	0.207232	1520.202	7.834689	21.66791	1549.705	0.002381	0.00535	0.019592	0.027323	0.007041	0.000149	0.036243	0.043433	0.008714	0.018575	0.08923	0.116519	0.149984	0.027011	0.194539	0.488052	0.012715	0.027105	0.097695	0.137515	0.149984	0.027011	0.194539	0.509049	1.189966	0.230279	2.86389	4.284134	0.015029	7.75E-05	0.000214	0.01532	0.093095	163.4144
0	0.124806	0.063481	0.481394	0.669681	3390.162	30.62194	0	3420.784	0.023968	0.000797	0	0.024764	0.534121	0.004824	0	0.538946	0.516013	0.017151	0	0.533164	0	0	0	0.533164	0.587446	0.019526	0	0.606972	0	0	0	0.606972	1.341737	0.142159	0	1.483896	0.032124	0.00029	0	0.032414	1.089369	305.5773
0	0	0.021441	0.121944	0.143385	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005515	0.015671	0.018081	0.054243	0.087995	857.6629	0	65.62574	923.2887	0.671113	0	0.235038	0.906151	0.164711	0	0.009079	0.17379	4.126723	0	1.693915	5.820638	3.348949	5.782925	6.229913	21.18243	5.104439	0	1.843399	6.947839	3.348949	5.782925	6.229913	22.30963	48.87451	0	12.45774	61.33226	0.008479	0	0.000649	0.009128	0.04104	97.35964
0.027306	0.161177	1.410519	1.63422	3.205916	61365.55	0	1875.747	63241.3	0.340914	0	1.197553	1.538468	0.755186	0	0.718648	1.473834	1.198395	0	5.26268	6.461075	7.213213	1.44429	5.23641	20.35499	1.748695	0	5.761973	7.510668	7.213213	1.44429	5.23641	21.40458	117.2099	0	54.16375	171.3737	0.606661	0	0.018544	0.625205	7.245009	6668.716
0	0.00457	0.016784	0.019689	0.041043	742.5803	0	0	742.5803	0.000741	0	0	0.000741	0.116994	0	0	0.116994	0.015961	0	0	0.015961	0	0	0	0.015961	0.018171	0	0	0.018171	0	0	0	0.018171	0.420577	0	0	0.420577	0.007036	0	0	0.007036	0.006504	66.3344
0	0	0.055358	0.030387	0.085745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000489	0.001704	0.036686	0.018504	0.056893	545.4287	0	39.14882	584.5775	0.001771	0	0.01884	0.020611	0.002138	0	0.009034	0.011172	0.005792	0	0.079513	0.085305	0.063218	0.015547	0.024255	0.188324	0.008452	0	0.087056	0.095508	0.063218	0.015547	0.024255	0.198528	0.879868	0	0.610457	1.490325	0.005392	0	0.000387	0.005779	0.079687	61.64297
1.94E-06	0.000706	0.006946	0.025474	0.033126	1072.948	0	0.171157	1073.119	0.002381	0	0.000193	0.002574	0.007844	0	0.000313	0.008157	0.007188	0	0.000705	0.007893	0.1627	0.030522	0.000876	0.201992	0.010489	0	0.000772	0.011261	0.1627	0.030522	0.000876	0.205359	0.120719	0	0.014844	0.135563	0.010607	0	1.69E-06	0.010609	0.026049	113.159
0	0.019439	0.005297	0.014512	0.039248	346.608	0	0	346.608	0.001184	0	0	0.001184	0.054608	0	0	0.054608	0.025499	0	0	0.025499	0	0	0	0.025499	0.029028	0	0	0.029028	0	0	0	0.029028	0.08586	0	0	0.08586	0.003284	0	0	0.003284	0.062058	30.96236
0.000336	0.002516	0.021024	0.077002	0.100542	2682.152	17.51163	28.2213	2727.885	0.006296	0.009576	0.027792	0.043663	0.0155	0.000224	0.020552	0.036277	0.025842	0.036252	0.138993	0.201087	0.085224	0.014461	0.154973	0.455746	0.037709	0.052899	0.15218	0.242788	0.085224	0.014461	0.154973	0.497446	0.495869	0.52714	2.645459	3.668469	0.026516	0.000173	0.000279	0.026968	0.078841	287.652
0	0.05396	0.140995	0.519293	0.714249	12097.04	587.8107	0	12684.85	0.004083	0.002452	0	0.006535	1.905894	0.09261	0	1.998504	0.087912	0.052781	0	0.140693	0	0	0	0.140693	0.100081	0.060087	0	0.160168	0	0	0	0.160168	0.555726	2.184059	0	2.739785	0.114552	0.005566	0	0.120118	2.5694	1133.133
0	0	0.074908	0.138011	0.212919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000353	0.00218	0.008064	0.010597	159.2252	25.04307	0	184.2683	0.120504	0.072464	0	0.192968	0.032459	0.005105	0	0.037564	0.001722	0.001035	0	0.002757	0	0	0	0.002757	0.122983	0.073955	0	0.196938	0	0	0	0.196938	0.449494	0.19683	0	0.646325	0	0	0	0	0.192583	21.29861
5.37E-05	0.000396	0.003502	0.012915	0.016812	456.2796	3.170353	5.244377	464.6943	0.002131	0.001654	0.005873	0.009657	0.003998	3.64E-05	0.004539	0.008573	0.010121	0.006572	0.032162	0.048855	0.036339	0.006568	0.039671	0.131433	0.014769	0.00959	0.035213	0.059572	0.036339	0.006568	0.039671	0.14215	0.232129	0.050833	0.647288	0.930249	0.004511	3.13E-05	5.18E-05	0.004594	0.013131	49.00143
0	0.017223	0.010137	0.051701	0.079061	1045.331	29.54054	0	1074.872	0.001476	0.000523	0	0.001999	0.164692	0.004654	0	0.169346	0.031781	0.011261	0	0.043042	0	0	0	0.043042	0.03618	0.012819	0	0.049	0	0	0	0.049	0.11663	0.178638	0	0.295268	0.009899	0.00028	0	0.010178	0.181823	96.01785
0	0	0.001847	0.003403	0.00525	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	7.75E-05	0.000683	0.002533	0.003293	47.50269	1.248861	0	48.75155	0.037669	0.004102	0	0.041771	0.009684	0.000255	0	0.009938	0.000538	5.86E-05	0	0.000597	0	0	0	0.000597	0.038444	0.004186	0	0.04263	0	0	0	0.04263	0.150877	0.009604	0	0.160481	0	0	0	0	0.060336	5.634936
1.65E-05	0.000383	0.002771	0.015858	0.019013	283.1124	16.70384	1.401746	301.2179	0.000828	0.016683	0.001817	0.019328	0.005357	0.000507	0.002114	0.007978	0.003504	0.070899	0.009919	0.084322	0.029388	0.004732	0.019579	0.138021	0.005113	0.103456	0.01086	0.119429	0.029388	0.004732	0.019579	0.173128	0.071624	0.547931	0.209301	0.828857	0.002799	0.000165	1.39E-05	0.002978	0.01559	31.76306
0	0.003096	0.004025	0.015199	0.022321	369.7069	32.87468	0	402.5816	0.000487	0.000127	0	0.000614	0.058247	0.005179	0	0.063427	0.010478	0.002732	0	0.01321	0	0	0	0.01321	0.011929	0.00311	0	0.015039	0	0	0	0.015039	0.038487	0.099522	0	0.138009	0.003501	0.000311	0	0.003812	0.065968	35.96246
0	0	0.001991	0.004202	0.006193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00063	0.001502	0.005803	0.007935	185.0709	25.08467	0	210.1555	0.460303	0.081224	0	0.541527	0.037728	0.005114	0	0.042842	0.006577	0.001161	0	0.007737	0	0	0	0.007737	0.469773	0.082895	0	0.552668	0	0	0	0.552668	1.462323	0.165696	0	1.628019	0	0	0	0	0.13264	24.29077
2.96E-06	0.000266	0.001742	0.01892	0.020927	188.7087	0	0.458851	189.1676	0.00034	0	0.000504	0.000844	0.001556	0	0.000532	0.002087	0.001017	0	0.00198	0.002997	0.000961	0.000248	0.000965	0.005171	0.001483	0	0.002168	0.003651	0.000961	0.000248	0.000965	0.005825	0.105877	0	0.060885	0.166762	0.001866	0	4.54E-06	0.00187	0.009039	19.94749
0	0.000791	0.003377	0.012509	0.016677	128.0098	0	0	128.0098	0.000346	0	0	0.000346	0.020168	0	0	0.020168	0.007457	0	0	0.007457	0	0	0	0.007457	0.008489	0	0	0.008489	0	0	0	0.008489	0.008811	0	0	0.008811	0.001213	0	0	0.001213	0.025171	11.43507
0	0	0.0372	0.065624	0.102824	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000349	0.012744	0.043448	0.056541	720.5954	0	0	720.5954	1.643629	0	0	1.643629	0.146898	0	0	0.146898	0.024518	0	0	0.024518	0	0	0	0.024518	1.678572	0	0	1.678572	0	0	0	1.678572	19.07167	0	0	19.07167	0	0	0	0	0.385914	83.28983

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0 0.209467 0.125287 0.814368 1.149123 5650.312 36.8404 0 5687.152 0.039401 0.001572 0 0.040973 0.890209 0.005804 0 0.896013 0.848284 0.033835 0 0.882119 0 0 0 0.882119 0.965715 0.038519 0 1.004233 0 0 0 1.004233 2.172338 0.280441 0 2.452779 0.05354 0.000349 0 0.053889 2.192123 508.031
0 0 0.10995 0.536008 0.645958 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
8.71E-05 0.002184 0.014834 0.168733 0.185751 1330.777 6.999507 19.40252 1357.179 0.001661 0.004558 0.016371 0.02259 0.005157 0.000129 0.030986 0.036272 0.005673 0.015637 0.073331 0.094642 0.135485 0.022083 0.176557 0.428768 0.008279 0.022818 0.080289 0.111385 0.135485 0.022083 0.176557 0.445511 1.056352 0.208733 2.629864 3.894949 0.013156 6.92E-05 0.000192 0.013417 0.08344 143.1128
0 0.108546 0.057964 0.439562 0.606072 3056.541 28.33573 0 3084.877 0.020632 0.000746 0 0.021378 0.481559 0.004464 0 0.486024 0.444199 0.016065 0 0.460264 0 0 0 0.460264 0.505691 0.018289 0 0.52398 0 0 0 0.52398 1.150637 0.133154 0 1.283791 0.028962 0.000268 0 0.029231 1.008011 275.5708
0 0 0.027166 0.154507 0.181673 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0.005709 0.016021 0.018118 0.054353 0.088492 857.7658 0 64.80363 922.5695 0.658123 0 0.23071 0.888832 0.163231 0 0.00864 0.171871 4.008617 0 1.653634 5.662251 3.322956 5.875687 6.327867 21.18876 4.977056 0 1.799897 6.776952 3.322956 5.875687 6.327867 22.30346 47.74526 0 12.61793 60.36319 0.00848 0 0.000641 0.009121 0.04127 97.2838

0.02385	0.141401	1.418361	1.648672	3.208434	60455.86	0	1845.695	62301.55	0.304569	0	1.10353	1.408099	0.710897	0	0.718741	1.429637	1.013328	0	4.713655	5.726983	6.80568	1.267185	4.887102	18.68695	1.478646	0	5.160859	6.639505	6.80568	1.267185	4.887102	19.59947	112.9171	0	51.05865	163.9758	0.597668	0	0.018247	0.615914	7.34638	6569.621
0	0.003342	0.016157	0.018922	0.038421	694.8813	0	0	694.8813	0.00062	0	0	0.00062	0.109479	0	0	0.109479	0.013351	0	0	0.013351	0	0	0	0.013351	0.015199	0	0	0.015199	0	0	0	0.015199	0.379137	0	0	0.379137	0.006584	0	0	0.006584	0.006261	62.07347
0	0	0.060494	0.033237	0.093731	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000498	0.001693	0.039516	0.019977	0.061186	583.8752	0	43.13734	627.0126	0.001889	0	0.02082	0.022709	0.002271	0	0.00993	0.012201	0.006203	0	0.088338	0.094541	0.084316	0.018411	0.033033	0.2303	0.009052	0	0.096719	0.105771	0.084316	0.018411	0.033033	0.24153	0.942318	0	0.678253	1.620571	0.005772	0	0.000426	0.006199	0.085236	66.11769
1.89E-06	0.00069	0.006705	0.024576	0.031972	1034.991	0	0.161159	1035.152	0.002069	0	0.00018	0.002249	0.007106	0	0.000285	0.007391	0.005911	0	0.000648	0.006559	0.133885	0.022936	0.000719	0.1641	0.008626	0	0.000709	0.009335	0.133885	0.022936	0.000719	0.166876	0.09539	0	0.013638	0.109028	0.010232	0	1.59E-06	0.010234	0.025144	109.1555
0	0.015142	0.005163	0.014139	0.034443	337.822	0	0	337.822	0.001057	0	0	0.001057	0.053224	0	0	0.053224	0.022749	0	0	0.022749	0	0	0	0.022749	0.025898	0	0	0.025898	0	0	0	0.025898	0.074155	0	0	0.074155	0.003201	0	0	0.003201	0.063457	30.17751
0.000304	0.002219	0.018297	0.067004	0.087521	2293.556	15.26088	24.47063	2333.288	0.004808	0.008502	0.024333	0.037643	0.012251	0.00019	0.018183	0.030624	0.018969	0.03224	0.120704	0.171913	0.076175	0.01171	0.140507	0.400305	0.02768	0.047045	0.132155	0.20688	0.076175	0.01171	0.140507	0.435272	0.355413	0.468797	2.243943	3.068153	0.022674	0.000151	0.000242	0.023067	0.068616	246.0423
0	0.047696	0.135111	0.497135	0.679942	11397.01	541.8056	0	11938.82	0.003504	0.002292	0	0.005796	1.795604	0.085362	0	1.880965	0.075444	0.049344	0	0.124789	0	0	0	0.124789	0.085887	0.056175	0	0.142062	0	0	0	0.142062	0.501603	2.062828	0	2.564431	0.107923	0.005131	0	0.113053	2.467861	1066.49
0	0	0.097713	0.179963	0.277676	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000346	0.002095	0.007744	0.010184	151.8971	24.09853	0	175.9956	0.116042	0.068487	0	0.184529	0.030965	0.004913	0	0.035878	0.001658	0.000979	0	0.002637	0	0	0	0.002637	0.11843	0.069896	0	0.188326	0	0	0	0.188326	0.427108	0.194358	0	0.621466	0	0	0	0	0.185044	20.34241
4.74E-05	0.000341	0.002989	0.011025	0.014355	383.4202	2.832126	4.656405	390.9088	0.001745	0.001481	0.005158	0.008384	0.003209	3.19E-05	0.003821	0.007062	0.008254	0.005936	0.028263	0.042452	0.032729	0.005538	0.035097	0.115817	0.012044	0.008662	0.030944	0.05165	0.032729	0.005538	0.035097	0.125014	0.187155	0.04589	0.562157	0.795203	0.00379	2.8E-05	4.6E-05	0.003865	0.011209	41.22084
0	0.014769	0.010257	0.052678	0.077704	1044.109	28.60581	0	1072.714	0.001206	0.000519	0	0.001726	0.1645	0.004507	0	0.169007	0.025974	0.011182	0	0.037156	0	0	0	0.037156	0.029569	0.01273	0	0.042299	0	0	0	0.042299	0.100968	0.178158	0	0.279126	0.009887	0.000271	0	0.010158	0.184812	95.82516
0	0	0.002253	0.004152	0.006405	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.1E-05	0.000696	0.002582	0.00336	47.98967	1.283754	0	49.27343	0.038656	0.004164	0	0.04282	0.009783	0.000262	0	0.010045	0.000552	5.95E-05	0	0.000612	0	0	0	0.000612	0.039452	0.00425	0	0.043701	0	0	0	0.043701	0.153599	0.010246	0	0.163844	0	0	0	0	0.061519	5.695256
1.66E-05	0.000381	0.00243	0.013903	0.016714	243.6312	14.45962	1.219001	259.3098	0.000717	0.014688	0.0016	0.017004	0.004513	0.000434	0.001869	0.006816	0.003036	0.062452	0.008737	0.074224	0.026347	0.003986	0.017878	0.122435	0.00443	0.09113	0.009566	0.105125	0.026347	0.003986	0.017878	0.153336	0.062312	0.482649	0.185135	0.730095	0.002409	0.000143	1.21E-05	0.002564	0.013671	27.3439
0	0.001789	0.003602	0.013598	0.01899	325.7531	28.84533	0	354.5984	0.000278	0.000115	0	0.000393	0.051323	0.004545	0	0.055867	0.005982	0.002482	0	0.008464	0	0	0	0.008464	0.00681	0.002825	0	0.009635	0	0	0	0.009635	0.026351	0.09713	0	0.123481	0.003085	0.000273	0	0.003358	0.062736	31.67614
0	0	0.002667	0.005631	0.008298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000593	0.001398	0.005403	0.007394	169.4513	24.13337	0	193.5847	0.413565	0.076233	0	0.489797	0.034544	0.00492	0	0.039464	0.005909	0.001089	0	0.006998	0	0	0	0.006998	0.422073	0.077801	0	0.499874	0	0	0	0.499874	1.288987	0.166185	0	1.455172	0	0	0	0	0.123491	22.37544
1.18E-06	0.000214	0.001434	0.016302	0.017951	125.5445	0	0.274374	125.8189	0.000167	0	0.000226	0.000393	0.000575	0	0.000386	0.000962	0.00043	0	0.000763	0.001193	0.000705	0.00019	0.000747	0.002835	0.000627	0	0.000835	0.001462	0.000705	0.00019	0.000747	0.003105	0.095968	0	0.046468	0.142436	0.001241	0	2.71E-06	0.001244	0.008057	13.26745
0	0.000486	0.001921	0.006992	0.009398	72.38933	0	0	72.38933	0.000203	0	0	0.000203	0.011405	0	0	0.011405	0.004381	0	0	0.004381	0	0	0	0.004381	0.004987	0	0	0.004987	0	0	0	0.004987	0.005506	0	0	0.005506	0.000686	0	0	0.000686	0.014137	6.46651
0	0	0.049201	0.087183	0.136384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000245	0.006832	0.023065	0.030142	394.5598	0	0	394.5598	0.873002	0	0	0.873002	0.080434	0	0	0.080434	0.013513	0	0	0.013513	0	0	0	0.013513	0.892097	0	0	0.892097	0	0	0	0.892097	10.1724	0	0	10.1724	0	0	0	0	0.206407	45.6051
4.19E-07	6.63E-06	9.88E-05	0.000447	0.000553	8.590738	0	0.037158	8.627896	0.000412	0	1.02E-07	0.000412	0.000524	0	5.49E-06	0.000529	0.001874	0	5.32E-07	0.001875	8.06E-05	1.22E-05	0.000151	0.002119	0.002735	0	5.82E-07	0.002735	8.06E-05	1.22E-05	0.000151	0.002979	0.14324	0	0.003887	0.147127	8.49E-05	0	3.67E-07	8.53E-05	0.000222	0.909801
0	1.695223	2.230701	5.155085	9.081009	80211.43	5480.344	0	85691.77	0.032335	0.133136	0	0.16547	12.63734	0.86343	0	13.50077	0.696158	2.866373	0	3.562531	0	0	0	3.562531	0.792523	3.263147	0	4.05567	0	0	0	4.05567	2.65857	42.32041	0	44.97898	0.759554	0.051896	0	0.81145	13.72127	7654.812
0	0	0.330184	0.416214	0.746398	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.003037	0.050364	0.208108	0.261509	1571.991	198.4261	0	1770.418	1.138065	0.447461	0	1.585526	0.320461	0.04045	0	0.360911	0.022827	0.006644	0	0.029472	0	0	0	0.029472	1.16896	0.456953	0	1.625913	0	0	0	1.625913	8.78711	1.633599	0	10.42071	0	0	0	0	1.139162	204.6333
0.060964	0.37873	4.353565	4.171286	8.903581	125570.9	0	3520.661	129091.5	0.599864	0	2.210882	2.810746	1.775944	0	1.659557	3.435501	1.786984	0	8.642822	10.42981	14.26449	2.783904	10.46645	37.94464	2.607563	0	9.462802	12.07036	14.26449	2.783904	10.46645	39.5852	272.1032	0	109.2196	381.3228	1.241396	0	0.034805	1.276201	22.72331	13612.54
0	0.000775	0.00282	0.002719	0.006314	67.39928	0	0	67.39928	0.000119	0	0	0.000119	0.010619	0	0	0.010619	0.002567	0	0	0.002567	0	0	0	0.002567	0.002923	0	0	0.002923	0	0	0	0.002923	0.066204	0	0	0.066204	0.000639	0	0	0.000639	0.001093	6.020751
0	0	0.600893	0.329831	0.930724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002591	0.008853	0.207062	0.104433	0.320348	3059.175	0	149.6866	3208.862	0.00992	0	0.106148	0.116068	0.012019	0	0.05077	0.062789	0.032422	0	0.448908	0.48133	0.537158	0.10722	0.221775	1.347483	0.047311	0	0.491498	0.538808	0.537158	0.10722	0.221775	1.404961	4.932792	0	3.447328	8.38012	0.030243	0	0.00148	0.031723	0.44659	338.3704
0.005631	0.033197	0.311476	0.363501	0.708174	10609.99	0	320.4921	10930.48	0.05851	0	0.204655	0.263165	0.148888	0	0.139337	0.288226	0.194199	0	0.849858	1.044057	1.947415	0.355168	1.373166	4.719805	0.283375	0	0.930488	1.213863	1.947415	0.355168	1.373166	4.889611	23.02012	0	9.632099	32.65221	0.104891	0	0.003168	0.108059	1.596125	1152.606
0	2.01E-06	3.41E-06	3.91E-06	9.32E-06	0.148535	0	0	0.148535	3.11E-07	0	0	3.11E-07	2.34E-05	0	0	2.34E-05	6.69E-06	0	0	6.69E-06	0	0	0	6.69E-06	7.61E-06	0	0	7.61E-06	0	0	0	7.61E-06	7.02E-05	0	0	7.02E-05	1.41E-06	0	0	1.41E-06	1.32E-06	0.013269
0	0	0.008722	0.004787	0.013509	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.95E-05	0.000248	0.006542	0.003308	0.010098	96.02502	0	5.26171	101.2867	0.000313	0	0.003288	0.003601	0.000377	0	0.001578	0.001955	0.001022	0	0.01387	0.014892	0.009996	0.002471	0.003448	0.030806	0.001491	0	0.015186	0.016677	0.009996	0.002471	0.003448	0.032592	0.15495	0	0.106455	0.261405	0.000949	0	5.2E-05	0.001001	0.014001	10.68056
0.037188	0.230166	2.50829	2.870347	5.608802	87373.1	0	2567.087	89940.19	0.474518	0	1.67801	2.152528	1.14289	0	1.171124	2.314014	1.495558	0	6.780921	8.276478	9.421685	1.777961	6.912882	26.38901	2.182314	0	7.424255	9.606569	9.421685	1.777961	6.912882	27.7191	187.2943	0	82.28229	269.5766	0.863772	0	0.025378	0.88915	13.05538	9484.08
0	0.005102	0.009543	0.0109	0.025545	308.1063	0	0	308.1063	0.000828	0	0	0.000828	0.048542	0	0	0.048542	0.017824	0	0	0.017824	0	0	0	0.017824	0.020291	0	0	0.020291	0	0	0	0.020291	0.186888	0	0	0.186888	0.002919	0	0	0.002919	0.003698	27.52301
0	0	0.067737	0.037183	0.10492	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000768	0.002653	0.065769	0.033243	0.101666	968.5581	0	57.7868	1026.345	0.003137	0	0.034138	0.037275	0.003779	0	0.016307	0.020086	0.010284	0	0.144625	0.154909	0.131875	0.028961	0.049739	0.365484	0.015006	0	0.158346	0.173352	0.131875	0.028961	0.049739	0.383928	1.562473	0	1.110471	2.672944	0.009575	0	0.000571	0.010146	0.141415	108.2268
0.000808	0.017966	0.115251	1.123702	1.256919	9245.551	45.42295	148.5764	9439.551	0.014192	0.036664	0.13563	0.186487	0.032511	0.001052	0.249644	0.283206	0.049354	0.126174	0.615717	0.791246	0.937349	0.152906	1.234998	3.116499	0.072018	0.184113	0.674133	0.930264	0.937349	0.152906	1.234998	3.255517	8.148211	1.573411	19.68069	29.40232	0.091402	0.000449	0.001469	0.09332	0.648289	995.3888
0	0.196647	0.121374	0.78893	1.106951	5455.901	35.60228	0	5491.503	0.036897	0.001527	0	0.038424	0.859579	0.005609	0	0.865189	0.794377	0.032874	0	0.827251	0	0	0	0.827251	0.904345	0.037425	0	0.94177	0	0	0	0.94177	2.01197	0.272479	0	2.284449	0.051697	0.000337	0	0.052035	2.138165	490.5538
0	0	0.116461	0.567745	0.684206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.34E-05	0.002125	0.014359	0.163338	0.179822	1280.515	6.757675	18.75345	1306.027	0.001554	0.004334	0.015474	0.021363	0.004778	0.000123	0.029489	0.03439	0.005269	0.014808	0.06895	0.089028	0.131008	0.020794	0.171769	0.412599	0.007689	0.021608	0.075492	0.104789	0.131008	0.020794	0.171769	0.42836	1.026625	0.202402	2.564543	3.793571	0.012659	6.68E-05	0.000185	0.012911	0.080772	137.7189
0	0.104757	0.056418	0.427837	0.589011	2965.567	27.66695	0	2993.234	0.019846	0.000731	0	0.020577	0.467226	0.004359	0	0.471585	0.42727	0.015741	0	0.443011	0	0	0	0.443011	0.486418	0.017921	0	0.504339	0	0	0	0.504339	1.101274	0.130473	0	1.231748	0.0281	0.000262	0	0.028362	0.984516	267.3844
0	0	0.02881	0.163859	0.19267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00576	0.016093	0.018127	0.054381	0.088602	857.441	0	64.5574	921.9984	0.653685	0	0.229381	0.883066	0.162788	0	0.008508	0.171296	3.970511	0	1.641	5.611511	3.311614	5.904839	6.357565	21.18553	4.93461	0	1.786233	6.720842	3.311614	5.904839	6.357565	22.29486	47.39122	0	12.65958	60.0508	0.008477	0	0.000638	0.009115	0.04133	97.22358
0.023031	0.136659	1.42075	1.649101	3.20651	60236.99	0	1840.076	62077.06	0.298814	0	1.083702	1.382517	0.701202	0	0.719445	1.420647	0.986202	0	4.602909	5.589111	6.67879	1.231439	4.812476	18.31182	1.439064	0	5.039606	6.478669	6.67879	1.231439	4.812476	19.20137	112.2817	0	50.57413	162.8559	0.595504	0	0.018191	0.613695	7.371422	6545.949
0	0.003053	0.016015	0.018703	0.037771	683.6679	0	0	683.6679	0.000589	0	0	0.000589	0.107712	0	0	0.107712	0.012679	0	0	0.012679	0	0	0	0.012679	0.014435	0	0	0.014435	0	0	0	0.014435	0.367544	0	0	0.367544	0.006478	0	0	0.006478	0.006206	61.07178
0	0	0.061811	0.03397	0.095781	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0005	0.001686	0.040249	0.020346	0.062281	593.1524	0	44.25592	637.4083	0.001914	0	0.021373	0.023286	0.002301	0	0.010178	0.012479	0.006293	0	0.090824	0.097117	0.089368	0.019114	0.034857	0.240456	0.009183	0	0.099441	0.108624	0.089368	0.019114	0.034857	0.251962	0.95687	0	0.697355	1.654225	0.005864	0	0.000438	0.006301	0.08667	67.21391
1.88E-06	0.000688	0.006645	0.024354	0.031687	1025.581	0	0.158799	1025.739	0.002014	0	0.000177	0.002191	0.006943	0	0.000276	0.007219	0.005697	0	0.000634	0.006332	0.126271	0.021269	0.000685	0.154557	0.008314	0	0.000694	0.009008	0.126271	0.021269	0.000685	0.157233	0.090532	0	0.013388	0.103919	0.010139	0	1.57E-06	0.01014	0.024917	108.1629
0	0.013846	0.005124	0.014029	0.032999	335.2983	0	0	335.2983	0.00102	0	0	0.00102	0.052826	0	0	0.052826	0.021966	0	0	0.021966	0	0	0	0.021966	0.025006	0	0	0.025006	0	0	0	0.025006	0.070732	0	0	0.070732	0.003177	0	0	0.003177	0.063865	29.95206
0.000294	0.002137	0.017554	0.064287	0.083978	2189.531	14.61009	23.40232	2227.544	0.004423	0.00819	0.023329	0.035941	0.011464	0.00018	0.017248	0.028892	0.017235	0.03106	0.115467	0.163762	0.073156	0.010958	0.135895	0.383771	0.02515	0.045323	0.126422	0.196894	0.073156	0.010958	0.135895	0.416903	0.322997	0.451647	2.137438	2.912082	0.021646	0.000144	0.000231	0.022022	0.065829	234.8917
0	0.046139	0.133673	0.491762	0.671574	11218.46	529.0816	0	11747.54	0.003362	0.00225	0	0.005612	1.767473	0.083357	0	1.85083	0.072378	0.048439	0	0.120817	0	0	0	0.120817	0.082397	0.055145	0	0.137541	0	0	0	0.137541	0.488103	2.029744	0	2.517846	0.106232	0.00501	0	0.111242	2.443007	1049.403
0	0	0.104887	0.19318	0.298068	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000343	0.002068	0.007643	0.010054	149.6641	23.74566	0	173.4098	0.114701	0.067115	0	0.181816	0.03051	0.004841	0	0.035351	0.001639	0.000959	0	0.002598	0	0	0	0.002598	0.117061	0.068495	0	0.185556	0	0	0	0.185556	0.420791	0.193008	0	0.613799	0	0	0	0	0.182645	20.04353
4.6E-05	0.000327	0.002864	0.010561	0.013752	365.7256	2.742167	4.504103	372.9718	0.001661	0.001435	0.004993	0.008089	0.003063	3.07E-05	0.003684	0.006778	0.007852	0.005765	0.027385	0.041002	0.031828	0.005346	0.034296	0.112472	0.011457	0.008413	0.029983	0.049853	0.031828	0.005346	0.034296	0.121323	0.177858	0.044567	0.541732	0.764157	0.003616	2.71E-05	4.45E-05	0.003687	0.010738	39.32941
0	0.014077	0.010296	0.052973	0.077346	1044.749	28.42111	0	1073.17	0.00112	0.000519	0	0.001639	0.164601	0.004478	0	0.169078	0.024114	0.011182	0	0.035296	0	0	0	0.035296	0.027452	0.01273	0	0.040182	0	0	0	0.040182	0.096155	0.178372	0	0.274527	0.009893	0.000269	0	0.010162	0.18581	95.86584
0	0	0.002361	0.004351	0.006712	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.17E-05	0.000699	0.002593	0.003374	48.0829	1.294657	0	49.37755	0.038855	0.004191	0	0.043047	0.009802	0.000264	0	0.010066	0.000555	5.99E-05	0	0.000615	0	0	0	0.000615	0.039655	0.004278	0	0.043932	0	0	0	0.043932	0.154173	0.010414	0	0.164587	0	0	0	0	0.061762	5.707292
1.66E-05	0.000377	0.002274	0.013008	0.015659	225.7723	13.42132	1.13458	240.3282	0.000665	0.013755	0.00149	0.01591	0.004066	0.000404	0.001692	0.006161	0.002815	0.058487	0.008136	0.069438	0.024288	0.003583	0.016605	0.113915	0.004108	0.085345	0.008908	0.09836	0.024288	0.003583	0.016605	0.142837	0.057813	0.452008	0.174108	0.683929	0.002232	0.000133	1.12E-05	0.002376	0.012793	25.34231
0	0.001506	0.003469	0.013096	0.018071	312.2728	27.56557	0	339.8384	0.00022	0.000111	0	0.000331	0.049199	0.004343	0	0.053542	0.004739	0.00239	0	0.007129	0	0	0	0.007129	0.005395	0.002721	0	0.008116	0	0	0	0.008116	0.022979	0.095611	0	0.11859	0.002957	0.000261	0	0.003218	0.061391	30.35763
0	0	0.002895	0.006112	0.009007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000576	0.001353	0.00523	0.007159	162.8504	23.51304	0	186.3634	0.394391	0.073447	0	0.467838	0.033198	0.004793	0	0.037991	0.005635	0.001049	0	0.006684	0	0	0	0.006684	0.402505	0.074958	0	0.477463	0	0	0	0.477463	1.219036	0.164898	0	1.383935	0	0	0	0	0.119538	21.54077
1.19E-06	0.000218	0.001463	0.016635	0.018317	127.5865	0	0.276561	127.8631	0.000164	0	0.000227	0.000391	0.000571	0	0.000387	0.000958	0.000423	0	0.00076	0.001183	0.000761	0.000198	0.000792	0.002933	0.000617	0	0.000832	0.001449	0.000761	0.000198	0.000792	0.003199	0.097345	0	0.046565	0.143909	0.001261	0	2.73E-06	0.001264	0.008223	13.483
0	0.000415	0.001572	0.005722	0.007709	59.29861	0	0	59.29861	0.00017	0	0	0.00017	0.009343	0	0	0.009343	0.003651	0	0	0.003651	0	0	0	0.003651	0.004157	0	0	0.004157	0	0	0	0.004157	0.004743	0	0	0.004743	0.000562	0	0	0.000562	0.011598	5.297122
0	0	0.051838	0.091669	0.143507	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000255	0.005869	0.019893	0.026017	341.2632	0	0	341.2632	0.744756	0	0	0.744756	0.069569	0	0	0.069569	0.011722	0	0	0.011722	0	0	0	0.011722	0.761259	0	0	0.761259	0	0	0	0.761259	8.689269	0	0	8.689269	0	0	0	0	0.178512	39.44482
4.06E-07	6.4E-06	9.52E-05	0.000432	0.000534	8.237532	0	0.035549	8.273082	0.000395	0	1.02E-07	0.000395	0.000488	0	9.47E-06	0.000497	0.001795	0	5.3E-07	0.001795	7.84E-05	1.14E-05	0.000148	0.002033	0.002619	0	5.81E-07	0.00262	7.84E-05	1.14E-05	0.000148	0.002858	0.137957	0	0.003774	0.141731	8.14E-05	0	3.51E-07	8.18E-05	0.000214	0.872386
0	1.731867	2.282719	5.278496	9.293082	81761.44	5598.089	0	87359.53	0.032909	0.136399	0	0.169308	12.88155	0.881981	0	13.76353	0.708518	2.936641	0	3.645159	0	0	0	3.645159	0.806594	3.343142	0	4.149736	0	0	0	4.149736	2.694238	43.36263	0	46.05687	0.774232	0.053011	0	0.827242	14.04033	7803.792
0	0	0.34861	0.439905	0.788515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.002999	0.04994	0.205485	0.258424	1553.274	197.3005	0	1750.574	1.104882	0.444149	0	1.549032	0.316645	0.040221	0	0.356866	0.021535	0.006566	0	0.0281	0	0	0	0.0281	1.134162	0.453537	0	1.5877	0	0	0	1.5877	8.582279	1.633387	0	10.21567	0	0	0	0	1.133479	202.3397
0.059002	0.368384	4.361458	4.177923	8.907765	125429.3	0	3514.242	128943.5	0.589888	0	2.165768	2.755656	1.768897	0	1.656075	3.424972	1.738299	0	8.380562	10.11886	13.95912	2.698348	10.30374	37.08007	2.536521	0	9.17566	11.71218	13.95912	2.698348	10.30374	38.67339	270.8274	0	107.6697	378.4971	1.239996	0	0.034742	1.274738	22.78584	13596.93
0	0.000681	0.002759	0.002656	0.006096	65.37401	0	0	65.37401	0.00011	0	0	0.00011	0.0103	0	0	0.0103	0.002361	0	0	0.002361	0	0	0	0.002361	0.002688	0	0	0.002688	0	0	0	0.002688	0.062628	0	0	0.062628	0.000619	0	0	0.000619	0.001069	5.839834
0	0	0.605673	0.33248	0.938152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002523	0.0086	0.207495	0.104675	0.32077	3057.344	0	150.1295	3207.474	0.009907	0	0.106681	0.116588	0.011998	0	0.050973	0.062971	0.032398	0	0.45164	0.484039	0.549694	0.107239	0.224042	1.365014	0.047276	0	0.494489	0.541765	0.549694	0.107239	0.224042	1.422741	4.929862	0	3.468352	8.398215	0.030225	0	0.001484	0.031709	0.446542	338.2241
0.005334	0.031643	0.310147	0.36158	0.70337	10498.61	0	315.8919	10814.5	0.053531	0	0.193574	0.247105	0.143126	0	0.136994	0.28012	0.171456	0	0.788485	0.959941	1.841431	0.332228	1.315372	4.448972	0.250188	0	0.863292	1.11348	1.841431	0.332228	1.315372	4.602511	22.18244	0	9.2017	31.38414	0.103789	0	0.003123	0.106912	1.59286	1140.376
0	2.01E-06	3.46E-06	3.97E-06	9.44E-06	0.150188	0	0	0.150188	3.13E-07	0	0	3.13E-07	2.37E-05	0	0	2.37E-05	6.74E-06	0	0	6.74E-06	0	0	0	6.74E-06	7.68E-06	0	0	7.68E-06	0	0	0	7.68E-06	7.11E-05	0	0	7.11E-05	1.42E-06	0	0	1.42E-06	1.34E-06	0.013416
0	0	0.008979	0.004929	0.013908	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.18E-05	0.000254	0.006729	0.003404	0.010387	98.72753	0	5.475482	104.203	0.000321	0	0.003417	0.003738	0.000387	0	0.001637	0.002024	0.001051	0	0.014442	0.015492	0.011335	0.002666	0.003981	0.033474	0.001533	0	0.015812	0.017345	0.011335	0.002666	0.003981	0.035326	0.159302	0	0.110842	0.270143	0.000976	0	5.41E-05	0.00103	0.014397	10.98808
0.036134	0.224055	2.514528	2.877334	5.615916	87253.25	0	2565.265	89818.52	0.464651	0	1.653924	2.118575	1.130497	0	1.173659	2.304157	1.445907	0	6.636664	8.082571	9.343383	1.740285	6.889322	26.05556	2.109864	0	7.266312	9.376176	9.343383	1.740285	6.889322	27.34917	186.2374	0	81.62808	267.8655	0.862587	0	0.02536	0.887947	13.09911	9471.25
0	0.005121	0.00958	0.010945	0.025646	308.3114	0	0	308.3114	0.000831	0	0	0.000831	0.048575	0	0	0.048575	0.017885	0	0	0.017885	0	0	0	0.017885	0.020361	0	0	0.020361	0	0	0	0.020361	0.187673	0	0	0.187673	0.002921	0	0	0.002921	0.003712	27.54133
0	0	0.069121	0.037951	0.107071	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000771	0.002648	0.066723	0.033732	0.103103	981.1939	0	58.9883	1040.182	0.003174	0	0.034862	0.038037	0.003821	0	0.016631	0.020452	0.010416	0	0.147885	0.158302	0.143703	0.030318	0.05438	0.386703	0.0152	0	0.161916	0.177115	0.143703	0.030318	0.05438	0.405516	1.582817	0	1.135532	2.718349	0.0097	0	0.000583	0.010283	0.143278	109.6859
0.000765	0.017428	0.112041	1.092401	1.22187	8949.411	44.07885	144.0839	9137.573	0.013483	0.035313	0.129497	0.178293	0.030229	0.001015	0.240974	0.272219	0.046616	0.121193	0.585126	0.752935	0.913646	0.145481	1.220675	3.032736	0.068023	0.176844	0.640639	0.885506	0.913646	0.145481	1.220675	3.165307	7.938987	1.531646	19.23635	28.70698	0.088474	0.000436	0.001424	0.090334	0.630231	963.5457
0	0.184344	0.11771	0.765114	1.067168	5274.979	34.38882	0	5309.368	0.034555	0.001483	0	0.036038	0.831075	0.005418	0	0.836493	0.743948	0.031924	0	0.775871	0	0	0	0.775871	0.846935	0.036343	0	0.883278	0	0	0	0.883278	1.862722	0.264599	0	2.127321	0.049983	0.000326	0	0.050309	2.086832	474.2838
0	0	0.122479	0.597085	0.719564	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.97E-05	0.002069	0.013928	0.158428	0.174425	1235.372	6.532281	18.14848	1260.053	0.001462	0.00413	0.014645	0.020236	0.004451	0.000118	0.028137	0.032706	0.004918	0.01405	0.064886	0.083854	0.127518	0.019624	0.168311	0.399307	0.007176	0.020501	0.071042	0.09872	0.127518	0.019624	0.168311	0.414173	0.998755	0.196459	2.501786	3.697	0.012213	6.46E-05	0.000179	0.012457	0.078343	132.871
0	0.101429	0.055011	0.417169	0.573609	2883.359	27.0528	0	2910.412	0.019162	0.000717	0	0.019879	0.454274	0.004262	0	0.458537	0.412544	0.015441	0	0.427985	0	0	0	0.427985	0.469654	0.017578	0	0.487233	0	0	0	0.487233	1.057386	0.127981	0	1.185367	0.027321	0.000256	0	0.027578	0.962543	259.986
0	0	0.030338	0.172548	0.202886	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005811	0.016179	0.018139	0.054416	0.088733	857.5676	0	64.38424	921.9518	0.650548	0	0.228319	0.878867	0.162445	0	0.008392	0.170836	3.942022	0	1.630886	5.572908	3.311316	5.93686	6.393584	21.21467	4.903661	0	1.775304	6.678965	3.311316	5.93686	6.393584	22.32072	47.11571	0	12.70937	59.82508	0.008478	0	0.000637	0.009114	0.041393	97.21867
0.022278	0.132557	1.423138	1.651858	3.207553	60076.47	0	1835.701	61912.17	0.293547	0	1.065574	1.359121	0.691832	0	0.720081	1.411914	0.960801	0	4.500162	5.460963	6.575445	1.198145	4.759454	17.99401	1.401998	0	4.927111	6.329109	6.575445	1.198145	4.759454	18.86215	111.7336	0	50.11433	161.8479	0.593917	0	0.018148	0.612065	7.393012	6528.561
0	0.002818	0.015907	0.018557	0.037281	674.8521	0	0	674.8521	0.000566	0	0	0.000566	0.106323	0	0	0.106323	0.012178	0	0	0.012178	0	0	0	0.012178	0.013864	0	0	0.013864	0	0	0	0.013864	0.359535	0	0	0.359535	0.006395	0	0	0.006395	0.006164	60.28427
0	0	0.062968	0.034613	0.097581	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000501	0.001681	0.040896	0.020679	0.063256	601.7654	0	45.27597	647.0414	0.001939	0	0.021874	0.023814	0.002329	0	0.010402	0.012732	0.006384	0	0.093093	0.099477	0.096254	0.019915	0.037406	0.253052	0.009315	0	0.101926	0.11124	0.096254	0.019915	0.037406	0.264815	0.970737	0	0.714791	1.685528	0.005949	0	0.000448	0.006397	0.087936	68.22971
1.87E-06	0.000687	0.006589	0.024151	0.031427	1016.989	0	0.156525	1017.145	0.001954	0	0.000173	0.002128	0.007463	0	0.000259	0.007722	0.005462	0	0.00062	0.006082	0.119515	0.019705	0.000655	0.145958	0.00797	0	0.000679	0.00865	0.119515	0.019705	0.000655	0.148525	0.085165	0	0.013135	0.0983	0.010054	0	1.55E-06	0.010056	0.024708	107.2567
0	0.012608	0.005085	0.013924	0.031617	332.8816	0	0	332.8816	0.000986	0	0	0.000986	0.052446	0	0	0.052446	0.021238	0	0	0.021238	0	0	0	0.021238	0.024178	0	0	0.024178	0	0	0	0.024178	0.067516	0	0	0.067516	0.003154	0	0	0.003154	0.064232	29.73618
0.000286	0.002066	0.016889	0.061858	0.080813	2097.184	14.0102	22.4268	2133.621	0.004108	0.007899	0.022391	0.034397	0.010785	0.000172	0.01639	0.027346	0.01582	0.029959	0.110624	0.156402	0.071017	0.010304	0.132612	0.370335	0.023084	0.043716	0.121119	0.187919	0.071017	0.010304	0.132612	0.401852	0.296719	0.435659	2.044794	2.777172	0.020733	0.000139	0.000222	0.021093	0.063334	224.9877
0	0.044683	0.132478	0.487283	0.664445	11065	517.5867	0	11582.59	0.003229	0.002212	0	0.005441	1.743295	0.081546	0	1.824841	0.06952	0.047627	0	0.117147	0	0	0	0.117147	0.079143	0.05422	0	0.133362	0	0	0	0.133362	0.475435	2.000259	0	2.475693	0.104779	0.004901	0	0.10968	2.422458	1034.668
0	0	0.111877	0.206061	0.317938	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00034	0.002041	0.007545	0.009927	147.4822	23.37603	0	170.8582	0.113372	0.06576	0	0.179133	0.030065	0.004765	0	0.034831	0.00162	0.00094	0	0.002559	0	0	0	0.002559	0.115705	0.067113	0	0.182818	0	0	0	0.182818	0.414679	0.19136	0	0.606038	0	0	0	0	0.180317	19.7486
4.4E-05	0.000312	0.00275	0.010142	0.013205	349.7386	2.644133	4.332633	356.7154	0.001551	0.001388	0.004827	0.007765	0.003014	2.93E-05	0.003562	0.006605	0.007308	0.005583	0.026445	0.039335	0.030661	0.005111	0.033333	0.10844	0.010663	0.008147	0.028953	0.047763	0.030661	0.005111	0.033333	0.116868	0.162629	0.043146	0.516018	0.721792	0.003458	2.61E-05	4.28E-05	0.003526	0.010313	37.61519
0	0.013274	0.010334	0.053254	0.076862	1045.629	28.30306	0	1073.932	0.001017	0.00052	0	0.001537	0.164739	0.004459	0	0.169198	0.021888	0.011195	0	0.033083	0	0	0	0.033083	0.024918	0.012744	0	0.037662	0	0	0	0.037662	0.09043	0.178804	0	0.269234	0.009901	0.000268	0	0.010169	0.186834	95.93394
0	0	0.002457	0.004528	0.006985	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.23E-05	0.000703	0.002605	0.00339	48.23594	1.30713	0	49.54307	0.039079	0.004227	0	0.043306	0.009833	0.000266	0	0.0101	0.000558	6.04E-05	0	0.000619	0	0	0	0.000619	0.039883	0.004314	0	0.044197	0	0	0	0.044197	0.154905	0.01058	0	0.165486	0	0	0	0	0.062059	5.726423
1.65E-05	0.000374	0.002169	0.012402	0.014945	213.6595	12.72628	1.077909	227.4637	0.000632	0.013134	0.001412	0.015178	0.003744	0.000383	0.00157	0.005697	0.002675	0.055847	0.007713	0.066235	0.023154	0.003326	0.015932	0.108647	0.003903	0.081492	0.008445	0.09384	0.023154	0.003326	0.015932	0.136252	0.055014	0.431604	0.166679	0.653297	0.002112	0.000126	1.07E-05	0.002249	0.012199	23.98577
0	0.001285	0.003341	0.012611	0.017236	299.5084	26.31946	0	325.8278	0.000172	0.000107	0	0.000279	0.047188	0.004147	0	0.051334	0.003704	0.002296	0	0.006001	0	0	0	0.006001	0.004217	0.002614	0	0.006831	0	0	0	0.006831	0.020083	0.093632	0	0.113716	0.002836	0.000249	0	0.003085	0.059876	29.10607
0	0	0.003124	0.006595	0.009719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000557	0.001303	0.005037	0.006897	155.5398	22.74829	0	178.2881	0.373294	0.070115	0	0.443409	0.031708	0.004637	0	0.036345	0.005334	0.001002	0	0.006335	0	0	0	0.006335	0.380974	0.071558	0	0.452532	0	0	0	0.452532	1.142446	0.162914	0	1.305359	0	0	0	0	0.115133	20.60738
1.2E-06	0.000222	0.001493	0.016974	0.018689	129.7323	0	0.280967	130.0132	0.000166	0	0.00023	0.000395	0.000576	0	0.000393	0.00097	0.000425	0	0.000768	0.001193	0.000708	0.000193	0.000753	0.002847	0.00062	0	0.000841	0.001461	0.000708	0.000193	0.000753	0.003115	0.098767	0	0.047391	0.146158	0.001283	0	2.78E-06	0.001285	0.008391	13.70973
0	0.000298	0.001187	0.004438	0.005923	45.07922	0	0	45.07922	0.000129	0	0	0.000129	0.007102	0	0	0.007102	0.002774	0	0	0.002774	0	0	0	0.002774	0.003158	0	0	0.003158	0	0	0	0.003158	0.00337	0	0	0.00337	0.000427	0	0	0.000427	0.009029	4.026909
0	0	0.054874	0.096733	0.151607	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00024	0.004543	0.015573	0.020356	264.569	0	0	264.569	0.568441	0	0	0.568441	0.053934	0	0	0.053934	0.009219	0	0	0.009219	0	0	0	0.009219	0.581334	0	0	0.581334	0	0	0	0.581334	6.642554	0	0	6.642554	0	0	0	0	0.140494	30.58014
3.95E-07	6.21E-06	9.21E-05	0.000419	0.000518	7.934771	0	0.034216	7.968987	0.00038	0	1.01E-07	0.00038	0.000466	0	1.39E-05	0.000479	0.001724	0	5.22E-07	0.001725	7.74E-05	1.08E-05	0.000147	0.00196	0.002516	0	5.72E-07	0.002516	7.74E-05	1.08E-05	0.000147	0.002752	0.133094	0	0.003669	0.136763	7.84E-05	0	3.38E-07	7.88E-05	0.000207	0.84032

0	1.771489	2.337743	5.407746	9.516978	83453.19	5726.726	0	89179.91	0.033543	0.13988	0	0.173423	13.14808	0.902248	0	14.05033	0.72218	3.011571	0	3.733751	0	0	0	3.733751	0.822147	3.428444	0	4.250591	0	0	0	4.250591	2.735814	44.47297	0	47.20878	0.790252	0.054229	0	0.84448	14.37802	7966.406	
0	0.366163	0.462486	0.828649	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.002963	0.049567	0.203055	0.255585	1536.833	196.4209	0	1733.254	1.077682	0.441967	0	1.519649	0.313294	0.040042	0	0.353335	0.020366	0.006505	0	0.02687	0	0	0	0.02687	1.105514	0.451275	0	1.556789	0	0	0	1.556789	8.405149	1.634502	0	10.03965	0	0	0	0	1.128978	200.3378	
0.057345	0.35989	4.369152	4.184458	8.9135	125353	0	3511.045	128864.1	0.582432	0	2.129699	2.712132	1.763612	0	1.653819	3.41743	1.70248	0	8.170994	9.873474	13.75021	2.628749	10.17127	36.4237	2.484255	0	8.94621	11.43046	13.75021	2.628749	10.17127	37.98069	269.9516	0	106.4929	376.4445	1.239242	0	0.03471	1.273952	22.84429	13588.55	
0	0.0006	0.002711	0.002608	0.005919	63.79449	0	63.79449	0.000102	0	0.000102	0.010051	0	0.010051	0.002187	0	0.002187	0	0	0	0.002187	0.00249	0	0.00249	0	0	0	0.00249	0.05971	0	0.05971	0.000604	0	0.000604	0.001051	5.698736								
0	0.609747	0.334738	0.944485	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.002465	0.008391	0.207868	0.104881	0.32114	3056.233	0	150.5615	3206.795	0.009898	0	0.107167	0.117065	0.011982	0	0.051158	0.06314	0.032382	0	0.454124	0.486506	0.560274	0.107328	0.225472	1.37958	0.047252	0	0.497209	0.544461	0.560274	0.107328	0.225472	1.437535	4.92809	0	3.487466	8.415557	0.030214	0	0.001488	0.031702	0.446554	338.1525	
0.00506	0.030224	0.308928	0.359803	0.698955	10398.02	0	311.7648	10709.79	0.049488	0	0.183849	0.233337	0.13806	0	0.134794	0.272855	0.153427	0	0.735433	0.888859	1.756276	0.311291	1.261843	4.218269	0.22388	0	0.805206	1.029086	1.756276	0.311291	1.261843	4.358496	21.4828	0	8.8352	30.318	0.102795	0	0.003082	0.105877	1.59109	1129.334	
0	2.02E-06	3.5E-06	4.02E-06	9.53E-06	0.151636	0	0.151636	3.16E-07	0	3.16E-07	2.39E-05	0	2.39E-05	6.79E-06	0	6.79E-06	0	0	0	6.79E-06	7.73E-06	0	7.73E-06	0	0	0	7.73E-06	7.18E-05	0	7.18E-05	1.44E-06	0	1.44E-06	1.36E-06	0.013546								
0	0.009209	0.005056	0.014265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.38E-05	0.000259	0.006898	0.00349	0.010647	101.1551	0	5.674968	106.8301	0.000329	0	0.003538	0.003866	0.000395	0	0.001692	0.002087	0.001076	0	0.014975	0.016051	0.012813	0.002868	0.004569	0.036302	0.001571	0	0.016396	0.017966	0.012813	0.002868	0.004569	0.038217	0.163211	0	0.114937	0.278149	0.001	0	5.61E-05	0.001056	0.014753	11.2651	
0.035212	0.218767	2.520114	2.883527	5.622408	87162.41	0	2564.804	89727.22	0.457034	0	1.634107	2.091142	1.119548	0	1.175782	2.29533	1.408305	0	6.518048	7.926354	9.300516	1.708171	6.867021	25.80206	2.054996	0	7.136442	9.191439	9.300516	1.708171	6.867021	27.06715	185.4418	0	81.14311	266.5849	0.861689	0	0.025356	0.887045	13.14026	9461.623	
0	0.005138	0.009614	0.010985	0.025737	308.5495	0	308.5495	0.000833	0	0.000833	0.048612	0	0.048612	0.017939	0	0.017939	0	0	0	0.017939	0.020423	0	0.020423	0	0	0	0.020423	0.18837	0	0.18837	0.002924	0	0.002924	0.003725	27.5626								
0	0.070309	0.03861	0.108919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.000773	0.002643	0.067551	0.034157	0.104351	992.2174	0	60.07829	1052.296	0.003207	0	0.035514	0.038721	0.003858	0	0.016921	0.020779	0.010532	0	0.150833	0.161364	0.154995	0.031606	0.058711	0.406675	0.015368	0	0.165143	0.180511	0.154995	0.031606	0.058711	0.425822	1.600566	0	1.158188	2.758754	0.009809	0	0.000594	0.010403	0.144904	110.9633	
0.000732	0.016964	0.10918	1.064508	1.190652	8690.554	42.90766	140.1019	8873.564	0.012911	0.034148	0.124447	0.171506	0.028446	0.000984	0.23345	0.26288	0.044433	0.116957	0.560396	0.721786	0.904434	0.13999	1.211898	2.978108	0.064837	0.170663	0.613563	0.849063	0.904434	0.13999	1.211898	3.105385	7.747331	1.494854	18.83291	28.0751	0.085915	0.000424	0.001385	0.087724	0.614139	935.7062	
0	0.174324	0.114484	0.744145	1.032953	5116.173	33.35541	0	5149.528	0.0327	0.001445	0	0.034145	0.806055	0.005255	0	0.81131	0.704014	0.031103	0	0.735117	0	0	0	0.735117	0.801473	0.035409	0	0.836882	0	0	0	0.836882	1.745778	0.2578	0	2.003579	0.048478	0.000316	0	0.048794	2.039332	460.0053	
0	0.128016	0.624079	0.752095	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.67E-05	0.002019	0.013535	0.153955	0.169508	1194.888	6.32512	17.59084	1218.804	0.001384	0.003944	0.013909	0.019236	0.004182	0.000113	0.026915	0.03121	0.004623	0.013363	0.061305	0.079291	0.12466	0.018591	0.165144	0.387685	0.006747	0.019499	0.067121	0.093366	0.12466	0.018591	0.165144	0.401761	0.972481	0.190958	2.441905	3.605344	0.011813	6.25E-05	0.000174	0.012049	0.076132	128.5214	
0	0.098733	0.053784	0.407865	0.560382	2812.291	26.55216	0	2838.843	0.018622	0.000706	0	0.019328	0.443078	0.004183	0	0.447261	0.400927	0.015192	0	0.416118	0	0	0	0.416118	0.456428	0.017295	0	0.473723	0	0	0	0.473723	1.02295	0.125917	0	1.148868	0.026648	0.000252	0	0.026899	0.94253	253.5927	
0	0.031753	0.180595	0.212348	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.005853	0.016248	0.018147	0.054442	0.088838	857.5828	0	64.13865	921.7215	0.647437	0	0.226989	0.874426	0.162095	0	0.008262	0.170357	3.913764	0	1.618419	5.532183	3.306644	5.965593	6.425504	21.22992	4.872933	0	1.761821	6.634754	3.306644	5.965593	6.425504	22.33249	46.84112	0	12.75002	59.59114	0.008478	0	0.000634	0.009112	0.041448	97.19438	
0.02161	0.128971	1.425421	1.654473	3.208864	59949.6	0	1832.639	61782.24	0.28886	0	1.048914	1.337775	0.683366	0	0.720498	1.403864	0.937978	0	4.403739	5.341716	6.508593	1.170144	4.712478	17.73293	1.368695	0	4.82154	6.190234	6.508593	1.170144	4.712478	18.58145	111.2735	0	49.72789	161.0014	0.592663	0	0.018117	0.61078	7.414497	6514.86	
0	0.002626	0.015824	0.018444	0.036894	667.8309	0	667.8309	0.000547	0	0.000547	0.105217	0	0.105217	0.011772	0	0.011772	0	0	0	0.011772	0.013401	0	0.013401	0	0	0	0.013401	0.35312	0	0.35312	0.006328	0	0.006328	0.006132	59.65707								
0	0.063972	0.035172	0.099143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.000502	0.001676	0.041464	0.020972	0.064113	609.3467	0	46.21181	655.5585	0.001962	0	0.022332	0.024294	0.002354	0	0.010606	0.01296	0.006463	0	0.095172	0.101636	0.102837	0.020677	0.039785	0.264935	0.009431	0	0.104202	0.113633	0.102837	0.020677	0.039785	0.276933	0.982943	0	0.730767	1.71371	0.006024	0	0.000457	0.006481	0.089051	69.12782	
1.87E-06	0.000686	0.006546	0.023993	0.031224	1010.281	0	0.154939	1010.436	0.00194	0	0.000171	0.002111	0.00822	0	0.000241	0.008461	0.005421	0	0.000612	0.006032	0.114731	0.018471	0.000633	0.139866	0.00791	0	0.00067	0.00858	0.114731	0.018471	0.000633	0.142413	0.084419	0	0.013	0.097418	0.009988	0	1.53E-06	0.009989	0.024547	106.5492	
0	0.011419	0.005047	0.013818	0.030285	330.4292	0	330.4292	0.000954	0	0.000954	0.052059	0	0.052059	0.020529	0	0.020529	0	0	0	0.020529	0.023371	0	0.023371	0	0	0	0.023371	0.064403	0	0.064403	0.003131	0	0.003131	0.064555	29.51711								
0.000278	0.001999	0.016289	0.05966	0.077948	2014.078	13.43121	21.47989	2048.989	0.003811	0.007621	0.021446	0.032877	0.010142	0.000164	0.015637	0.025944	0.014453	0.028889	0.105665	0.149007	0.068695	0.009658	0.128883	0.356243	0.02109	0.042155	0.11569	0.178935	0.068695	0.009658	0.128883	0.386171	0.269657	0.420123	1.952449	2.642229	0.019911	0.000133	0.000212	0.020256	0.061084	216.0633	
0	0.043516	0.131626	0.484065	0.659207	10944.3	507.5293	0	11451.83	0.003124	0.002181	0	0.005305	1.724279	0.079961	0	1.80424	0.06726	0.046959	0	0.114219	0	0	0	0.114219	0.07657	0.05346	0	0.13003	0	0	0	0.13003	0.464944	1.975221	0	2.440165	0.103636	0.004806	0	0.108442	2.40796	1022.987	
0	0.118583	0.218415	0.336998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.000338	0.002019	0.007464	0.009821	145.6463	23.03649	0	168.6828	0.112274	0.064514	0	0.176788	0.029691	0.004696	0	0.034387	0.001604	0.000922	0	0.002526	0	0	0	0.002526	0.114584	0.065841	0	0.180425	0	0	0	0.180425	0.40953	0.189831	0	0.599362	0	0	0	0	0.178378	19.49716	
4.25E-05	0.000302	0.002649	0.00977	0.012721	335.532	2.54547	4.164346	342.2418	0.001443	0.001342	0.004608	0.007394	0.003215	2.8E-05	0.003413	0.006657	0.006769	0.005393	0.025217	0.037379	0.029633	0.00488	0.032296	0.104187	0.009877	0.00787	0.027609	0.045356	0.029633	0.00488	0.032296	0.112165	0.148808	0.041679	0.493361	0.683849	0.003317	2.52E-05	4.12E-05	0.003383	0.009935	36.08897	
0	0.012583	0.010371	0.053526	0.07648	1046.852	28.24441	0	1075.096	0.000928	0.000521	0	0.001449	0.164932	0.00445	0	0.169382	0.019979	0.011225	0	0.031204	0	0	0	0.031204	0.022744	0.012779	0	0.035523	0	0	0	0.035523	0.085427	0.179454	0	0.264882	0.009913	0.000267	0	0.010181	0.187807	96.03789	
0	0.002542	0.004685	0.007227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	8.29E-05	0.000706	0.002618	0.003406	48.40058	1.320282	0	49.72086	0.039284	0.004268	0	0.043552	0.009867	0.000269	0	0.010136	0.000561	6.1E-05	0	0.000622	0	0	0	0.000622	0.040092	0.004356	0	0.044448	0	0	0	0.044448	0.15563	0.010737	0	0.166367	0	0	0	0	0.062351	5.746973	
1.64E-05	0.00037	0.00211	0.01207	0.01455	207.0425	12.37532	1.048209	220.466	0.000609	0.012818	0.001391	0.014818	0.003609	0.000369	0.001528	0.005507	0.00258	0.054532	0.007601	0.064713	0.022838	0.003212	0.015786	0.106549	0.003765	0.079573	0.008322	0.09166	0.022838	0.003212	0.015786	0.133496	0.053551	0.42144	0.162044	0.637035	0.002047	0.000122	1.04E-05	0.00218	0.01187	23.24786	
0	0.001115	0.003214	0.012134	0.016464	287.1655	25.09561	0	312.2611	0.000135	0.000102	0	0.000238	0.045243	0.003954	0	0.049197	0.002911	0.002203	0	0.005114	0	0	0	0.005114	0.003314	0.002508	0	0.005822	0	0	0	0.005822	0.017721	0.091148	0	0.108869	0.002719	0.000238	0	0.002957	0.05815	27.89416	
0	0.003354	0.007081	0.010435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.000536	0.00125	0.004831	0.006617	147.7579	21.86828	0	169.6262	0.350883	0.066343	0	0.417226	0.030121	0.004458	0	0.034579	0.005013	0.000948	0	0.005961	0	0	0	0.005961	0.358102	0.067708	0	0.42581	0	0	0	0.42581	1.061338	0.16034	0	1.221677	0	0	0	0	0.110432	19.6062	
1.22E-06	0.000226	0.001522	0.017312	0.019061	131.874	0	0.284374	132.1584	0.000165	0	0.000234	0.000399	0.000584	0	0.000398	0.000981	0.000424	0	0.00078	0.001204	0.000739	0.000201	0.000777	0.00292	0.000618	0	0.000854	0.001472	0.000739	0.000201	0.000777	0.003189	0.100927	0	0.047588	0.148515	0.001304	0	2.81E-06	0.001307	0.008559	13.93594	
0	0.000152	0.000493	0.002011	0.002655	19.4656	0	19.4656	6.15E-05	0	6.15E-05	0.003067	0	0.003067	0.001323	0	0.001323	0	0	0	0.001323	0.001506	0	0.001506	0	0	0	0.001506	0.001786	0	0.001786	0.000184	0	0.000184	0.004175	1.738855								
0	0.058829	0.103358	0.162187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.000234	0.002607	0.009271	0.012111	152.4417	0	152.4417	0.311579	0	0.311579	0.031076	0	0.031076	0.005587	0	0.005587	0	0	0	0.005587	0.319228	0	0.319228	0	0	0	0.319228	3.658531	0	3.658531	0	0	0	0	0.085	17.61994							
3.85E-07	6.04E-06	8.94E-05	0.000408	0.000503	7.670378	0	0.033027	7.703406	0.000367	0	9.66E-08	0.000367	0.000448	0	1.94E-05	0.000468	0.001662	0	5.01E-07	0.001663	7.62E-05	1.04E-05	0.000145	0.001895	0.002426	0	5.48E-07	0.002426	7.62E-05	1.04E-05	0.000145	0.002658	0.128445	0	0.003574	0.13202	7.58E-05	0	3.27E-07	7.62E-05	0.000201	0.812314	
0	1.814047	2.395681	5.542854	9.752582	85274.82	5865.175	0	91139.99	0.034228	0.143561	0	0.177789	13.43508	0.924061	0	14.35914	0.736913	3.090833	0	3.827745	0	0	0	3.827745	0.838919	3.518678	0	4.357597	0	0	0	4.357597	2.782501	45.64726	0	48.42977	0.807502	0.05554	0	0.863041	14.73408	8141.499	
0	0.382964	0.484078	0.867042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.002936	0.049285	0.201014	0.253235	1523.895	195.9029	0	1719.798	1.054622	0.441084	0	1.495705	0.310656	0.039936	0	0.350592	0.019358	0.006466	0	0.025824	0	0	0	0.025824	1.081206	0.450345	0	1.531551	0	0	0	1.531551	8.25177	1.638571	0	9.890341	0	0	0	0	1.126417	198.7824	
0.055973	0.35303	4.376748	4.190968	8.920746	125333.5	0	3510.758	128844.2	0.577579	0	2.102745	2.680325	1.760197	0	1.652693	3.41289	1.679699	0	8.01588	9.69558	13.59204	2.571935	10.06678	35.92634	2.451013	0	8.77638	11.22739	13.59204	2.571935	10.06678	37.45815	269.4759	0	105.7003	375.1763	1.239049	0	0.034707	1.273756	22.89825	13586.46	
0	0.000532	0.002675	0.002571	0.005778	62.57421	0	62.57421	9.5E-05	0	9.5E-05	0.009859	0	0.009859	0.002046	0	0.002046	0	0	0	0.002046	0.002329	0	0.002329	0	0	0	0.002329	0.057386	0	0.057386	0.000593	0	0.000593	0.001037	5.589729								
0	0.613256	0.336683	0.949939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.002416	0.008221	0.208211	0.105067	0.3215	3056.045	0	151.0007	3207.046	0.009891	0	0.107622	0.117513	0.011971	0	0.051334	0.063305	0.032376	0	0.456431	0.488808	0.569125	0.107475	0.226205	1.391613	0.047244	0	0.499735	0.546979	0.569125	0.107475	0.226205	1.449783	4.927808	0	3.505223	8.433031	0.030212	0	0.001493	0.031705	0.446666	338.179	
0.004835	0.029046	0.308055	0.358498	0.695598	10318.42	0	308.6338	10627.06	0.047118	0	0.176748	0.223866	0.134575	0	0.133075	0.267649	0.143263	0	0.697926	0.841189	1.691358	0.29443	1.219082	4.046059	0.209049	0	0.764141	0.97319	1.691358	0.29443	1.219082	4.178061	21.03855	0	8.584692	29.6234	0.102008	0	0.003051	0.105059	1.590389	1120.61	
0	1.99E-06	3.53E-06	4.06E-06	9.57E-06	0.152546	0	0.152546	3.15E-07	0	3.15E-07	2.4E-05	0	2.4E-05	6.78E-06	0	6.78E-06	0	0	0	6.78E-06	7.72E-06	0	7.72E-06	0	0	0	7.72E-06	7.17E-05	0	7.17E-05	1.45E-06	0	1.45E-06	1.37E-06	0.013627								
0	0.009413	0.00517	0.014583	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.57E-05	0.000264	0.007049	0.003567	0.01088	103.3306	0	5.86023	109.1908	0.000335	0	0.003649	0.003984	0.000403	0	0.001743	0.002145	0.001099	0	0.015471	0.01657	0.014417	0.003076	0.005203	0.039265	0.001604	0	0.016938	0.018542	0.014417	0.003076	0.005203	0.041237	0.166716	0	0.118742	0.285458	0.001022	0	5.79E-05	0.001079	0.015072	11.51403	
0.034406	0.21421	2.525242	2.889153	5.628605	87098.77	0	2565.414	89664.19	0.451656	0	1.618007	2.069663	1.110018	0	1.177445	2.287464	1.382197	0	6.421744	7.80394	9.265397	1.679194	6.846096	25.59463	2.016898	0	7.031001	9.047899	9.265397	1.679194	6.846096	26.83859	184.8992	0	80.80249	265.7017	0.86106	0	0.025362	0.886422	13.17712	9454.976	
0	0.005154	0.009644	0.011021	0.025819	308.8241	0	308.8241	0.000836	0	0.000836	0.048655	0	0.048655	0.017989	0	0.017989	0	0	0	0.017989	0.020479	0	0.020479	0	0	0	0.020479	0.189012	0	0.189012	0.002926	0	0.002926	0.003737	27.58713								
0	0.071327	0.039175	0.110502	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.000775	0.002639	0.068274	0.034527	0.10544	1001.9	0	61.07171	1062.972	0.003235	0	0.036103	0.039338	0.003889	0	0.017183	0.021072	0.010633	0	0.153504	0.164137	0.164797	0.032748	0.062324	0.424006	0.015515	0	0.168068	0.183583	0.164797	0.032748	0.062324	0.443452	1.616159	0	1.178725	2.794884	0.009905	0	0.000604	0.010509	0.146334	112.0891	
0.000687	0.016472	0.106444	1.037825	1.160741	8440.592	41.67054	136.0164	8618.278	0.012309	0.032957	0.118718	0.163985	0.026459	0.000952	0.225891	0.253302	0.042071	0.112519	0.531448	0.686038	0.886507	0.133256	1.18933	2.895131	0.06139	0.164188	0.581868	0.807447	0.886507	0.133256	1.18933	3.016539	7.561835	1.455896	18.41322	27.43095	0.083444	0.000412	0.001345	0.0852	0.598745	908.7867	
0	0.164358	0.111472	0.724565	1.000395	4969.329	32.32316	0	5001.652	0.030853	0.001406	0	0.032259	0.78292	0.005093	0	0.788012	0.664238	0.03028	0	0.694518	0	0	0	0.694518	0.756191	0.034472	0	0.790663	0	0	0	0.790663	1.628945	0.250978	0	1.879923	0.047087	0.000306	0	0.047393	1.995871	446.7956	
0	0.133102	0.648873	0.781975	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.32E-05	0.00197	0.013173	0.149839	0.164981	1157.831	6.126661	17.05773	1181.016	0.001312	0.003769	0.013193	0.018274	0.003934	0.000109	0.025785	0.029828	0.004351	0.012713	0.057784	0.074847	0.121425	0.017565	0.161331	0.375168	0.006348	0.01855	0.063266	0.088165	0.121425	0.017565	0.161331	0.388486	0.947864	0.185663	2.383872	3.517398	0.011446	6.06E-05	0.000169	0.011676	0.074096	124.5366	
0	0.095553	0.052521	0.398282	0.546355	2740.402	25.90491	0	2766.307	0.017922	0.000691	0	0.018612	0.431751	0.004081	0	0.435833	0.385841	0.014872	0	0.400713	0	0	0	0.400713	0.439254	0.01693	0	0.456185	0	0	0	0.456185	0.971611	0.123263	0	1.094875	0.025967	0.000245	0	0.026212	0.923922	247.1131	
0	0.033062	0.188041	0.221103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.005879	0.016296	0.018153	0.054458	0.088907	857.4332	0	63.74364	921.1768	0.644267	0	0.225103	0.86937	0.161725	0	0.008105	0.16983	3.884985	0	1.601073	5.486058	3.291248	5.986641	6.448069	21.21202	4.841542	0	1.743039	6.584581	3.291248	5.986641	6.448069	22.31054	46.55784	0	12.76947	59.32731	0.008477	0	0.00063	0.009107	0.041494	97.13694	
0.020951	0.125585	1.427152	1.656318	3.209055	59823.28	0	1828.833	61652.12	0.282472	0	1.027644	1.310117	0.671626	0	0.718771	1.390398	0.90695	0	4.276279	5.183229	6.4225	1.138577	4.654201	17.39851	1.32342	0	4.681987	6.005407	6.4225	1.138577	4.654201	18.22069	110.5664	0	49.22085	159.7873	0.591414	0	0.01808	0.609494	7.431053	6501.139	
0	0.002467	0.015763	0.018358	0.036588	662.2669	0	662.2669	0.000531	0	0.000531	0.10434	0	0.10434	0.011439	0	0.011439	0	0	0	0.011439	0.013022	0	0.013022	0	0	0	0.013022	0.347966	0	0.347966	0.006275	0	0.006275	0.006108	59.16004								
0	0.064841	0.035656	0.100497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.000503	0.001672	0.041965	0.021229	0.064866	616.0246	0	47.06682	663.0915	0.001981	0	0.022748	0.024729	0.002376	0	0.01079	0.013165	0.006533	0	0.097069	0.103603	0.111027	0.021556	0.04281	0.278995	0.009533	0	0.106279	0.115812	0.111027	0.021556	0.04281	0.291205	0.993697	0	0.745345	1.739041	0.00609	0	0.000465	0.006555	0.090034	69.92217	
1.86E-06	0.000684	0.006505	0.023843	0.031032	1003.956	0	0.153347	1004.109	0.001926	0	0.000169	0.002094	0.00893	0	0.000232	0.009162	0.00538	0	0.000602	0.005982	0.110055	0.017263	0.00061	0.13391	0.00785	0	0.000659	0.008509	0.110055	0.017263	0.00061	0.136438	0.083674	0	0.012864	0.096538	0.009925	0	1.52E-06	0.009927	0.024394	105.8821	
0	0.010281	0.00501	0.013716	0.029007	328.046	0	328.046	0.000923	0	0.000923	0.051684	0	0.051684	0.019871	0	0.019871	0	0	0	0.019871	0.022622	0	0.022622	0	0	0	0.022622	0.061487	0	0.061487	0.003108	0	0.003108	0.064835	29.30422								
0.00027	0.001939	0.015756	0.057712	0.075408	1940.828	12.89689	20.61276	1974.338	0.003537	0.007363	0.020616	0.031516	0.009472	0.000157	0.015616	0.025245	0.013214	0.027895	0.101344	0.142453	0.066202	0.00905	0.124753	0.342458	0.019282	0.040704	0.110959	0.170945	0.066202	0.00905	0.124753	0.37095	0.246968	0.405686	1.870777	2.523431	0.019187	0.000127	0.000204	0.019518	0.059087	208.1914	
0	0.042488	0.131093	0.482022	0.655603	10853.41	498.8865	0	11352.3	0.003028	0.002155	0	0.005183	1.709959	0.0786	0	1.788559	0.065192	0.046397	0	0.111589	0	0	0	0.111589	0.074216	0.052819	0	0.127035	0	0	0	0.127035	0.455962	1.954474	0	2.410436	0.102775	0.004724	0	0.107499	2.399267	1014.096	
0	0.125036	0.230303	0.355339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.000336	0.002001	0.007394	0.009731	144.0618	22.71652	0	166.7783	0.111335	0.063365	0	0.1747	0.029368	0.004631	0	0.033999	0.001591	0.000905	0	0.002496	0	0	0	0.002496	0.113625	0.064668	0	0.178294	0	0	0	0.178294	0.405105	0.188316	0	0.593422	0	0	0	0	0.176727	19.27703	
3.97E-05	0.000289	0.002548	0.009396	0.012233	321.0487	2.408324	3.907165	327.3642	0.001212	0.001282	0.004304	0.006798	0.003247	2.65E-05	0.003286	0.00656	0.005576	0.00513	0.02329	0.033996	0.027899	0.004503	0.03042	0.096818	0.008137	0.007486	0.025499	0.041122	0.027899	0.004503	0.03042	0.103944	0.118633	0.039649	0.447693	0.605975	0.003174	2.38E-05	3.86E-05	0.003236	0.009555	34.52015	
0	0.011922	0.010407	0.053789	0.076119	1048.452	28.23904	0	1076.691	0.000838	0.000523	0	0.001362	0.165184	0.004449	0	0.169633	0.018048	0.011268	0	0.029315	0	0	0	0.029315	0.020546	0.012827	0	0.033373	0	0	0	0.033373	0.080606	0.180282	0	0.260888	0.009928	0.000267	0	0.010196	0.188771	96.18038	
0	0.002617	0.004823	0.00744	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	8.35E-05	0.000709	0.002629	0.003421	48.5592	1.333097	0	49.8923	0.03948	0.004307	0	0.043788	0.009899	0.000272	0	0.010171	0.000564	6.15E-05	0	0.000626	0	0	0	0.000626	0.040293	0.004396	0	0.044689	0	0	0	0.044689	0.156318	0.010887	0	0.167205	0	0	0	0	0.062621	5.766789	
1.62E-05	0.000364	0.002038	0.01166	0.014062	199.0321	11.94779	1.016131	211.996	0.000593	0.012425	0.001357	0.014375	0.003434	0.000357	0.001431	0.005222	0.002516	0.052897	0.007418	0.062831	0.022244	0.003063	0.015452	0.10359	0.003671	0.077187	0.008122	0.08898	0.022244	0.003063	0.015452	0.129739	0.051597	0.408805	0.159056	0.619458	0.001968	0.000118	1E-05	0.002096	0.011464	22.35471	
0	0.000987	0.003089	0.011661	0.015736	275.0235	23.88038	0	298.9038	0.000109	9.8E-05	0	0.000207	0.04333	0.003762	0	0.047092	0.002352	0.002109	0	0.004461	0	0	0	0.004461	0.002677	0.002401	0	0.005079	0	0	0	0.005079	0.015866	0.088181	0	0.104046	0.002604	0.000226	0	0.00283	0.056224	26.70096	
0	0.003586	0.007571	0.011156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.000514	0.001195	0.004616	0.006324	139.7321	20.92431	0	160.6564	0.327776	0.062336	0	0.390111	0.028485	0.004266	0	0.032751	0.004683	0.000891	0	0.005574	0	0	0	0.005574	0.334519	0.063618	0	0.398137	0	0	0	0.398137	0.978018	0.157341	0	1.135359	0	0	0	0	0.10553	18.56943	
1.21E-06	0.00023	0.00155	0.017634	0.019415	133.7457	0	0.285377	134.0311	0.000165	0	0.000233	0.000398	0.000588	0	0.0004	0.000988	0.000421	0	0.000769	0.00119	0.000753	0.000206	0.000786	0.002936	0.000615	0	0.000842	0.001456	0.000753	0.000206	0.000786	0.003203	0.10318	0	0.047618	0.150798	0.001322	0	2.82E-06	0.001325	0.00872	14.13341	
0	5.9E-05	4.85E-05	0.000368	0.000476	2.67526	0	2.67526	1.8E-05	0	1.8E-05	0.000421	0	0.000421	0.000388	0	0.000388	0	0	0	0.000388	0.000441	0	0.000441	0	0	0	0.000441	0.000777	0	0.000777	2.53E-05	0	2.53E-05	0.00089	0.23898								
0	0.062967	0.110178	0.173145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.000219	0.000238	0.001808	0.002265	12.1815	0	12.1815	5.43E-05	0	5.43E-05	0.002483	0	0.002483	0.001169	0	0.001169	0	0	0	0.001169	0.001331	0	0.001331	0	0	0	0.001331	0.00206	0	0.00206	0	0	0	0.01927	1.407996								
3.74E-07	5.88E-06	8.7E-05	0.000397	0.00049	7.435315	0	0.03187	7.467186	0.000354	0	1.13E-07	0.000354	0.000434	0	2.55E-05	0.000459	0.001603	0	5.91E-07	0.001603	7.4E-05	9.83E-06	0.000142	0.001829	0.002338	0	6.47E-07	0.002339	7.4E-05	9.83E-06	0.000142	0.002565	0.123975	0	0.003509	0.127483	7.35E-05	0	3.15E-07	7.38E-05	0.000196	0.787405	
0	1.85969	2.456612	5.684432	10.00073	87227.98	6012.59	0	93240.57	0.034968	0.147429	0	0.182397	13.7428	0.947286	0	14.69009	0.75286	3.174099	0	3.926959	0	0	0	3.926959	0.857074	3.61347	0	4.470544	0	0	0	4.470544	2.834302	46.88041	0	49.71471	0.825997	0.056936	0	0.882932	15.10853	8329.143	
0	0.399068	0.504733	0.903801	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.002915	0.049042	0.199084	0.251041	1512.578	195.5651	0	1708.143	1.03559	0.440601	0	1.476191	0.308349	0.039867	0	0.348216	0.018494	0.006437	0	0.024931	0	0	0	0.024931	1.061108	0.449827	0	1.510935	0	0	0	1.510935	8.113769	1.643138	0	9.756907	0	0	0	0	1.124888	197.4353	
0.054817	0.34748	4.384104	4.197288	8.928873	125353.3	0	3512.088	128865.5	0.574832	0	2.082488	2.657319	1.758055	0	1.652024	3.410079	1.667048	0	7.900324	9.567372	13.44974	2.521431	9.977014	35.51556	2.432553	0	8.64986	11.08241	13.44974	2.521431	9.977014	37.0306	269.2908	0	105.1854	374.4761	1.239245	0	0.034721	1.273966	22.94798	13588.7	
0	0.00048	0.002648	0.002543	0.005671	61.65272	0	61.65272	9E-05	0	9E-05	0.009713	0	0.009713	0.001938	0	0.001938	0	0	0	0.001938	0.002206	0	0.002206	0	0	0	0.002206	0.055615	0	0.055615	0.000584	0	0.000584	0.001026	5.507413								
0	0.616298	0.338369	0.954668	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.002376	0.008086	0.208541	0.105243	0.32187	3056.782	0	151.4588	3208.24	0.009889	0	0.108057	0.117946	0.011965	0	0.051505	0.06347	0.03238	0	0.458618	0.490998	0.577111	0.107722	0.226602	1.402434	0.047249	0	0.502129	0.549378	0.577111	0.107722	0.226602	1.460814	4.92902	0	3.522049	8.451069	0.030219	0	0.001497	0.031717	0.446887	338.3049	
0.004639	0.028022	0.307366	0.357442	0.692829	10249.96	0	306.0035	10555.96	0.045694	0	0.171118	0.216813	0.131896	0	0.131577	0.263472	0.137401	0	0.668968	0.806369	1.6344	0.279561	1.182269	3.902599	0.200495	0	0.732436	0.932931	1.6344	0.279561	1.182269	4.029161	20.73196	0	8.398424	29.13039	0.101331	0	0.003025	0.104356	1.590123	1113.113	
0	1.98E-06	3.55E-06	4.09E-06	9.62E-06	0.153482	0	0.153482	3.15E-07	0	3.15E-07	2.42E-05	0	2.42E-05	6.79E-06	0	6.79E-06	0	0	0	6.79E-06	7.73E-06	0	7.73E-06	0	0	0	7.73E-06	7.19E-05	0	7.19E-05	1.45E-06	0	1.45E-06	1.38E-06	0.01371								
0	0.009594	0.005271	0.014865	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.74E-05	0.000268	0.007184	0.003636	0.011088	105.275	0	6.03156	111.3066	0.000341	0	0.003752	0.004093	0.000409	0	0.001789	0.002199	0.00112	0	0.015929	0.017049	0.016158	0.00329	0.005881	0.042377	0.001634	0	0.01744	0.019074	0.016158	0.00329	0.005881	0.044403	0.169848	0	0.122262	0.292111	0.001041	0	5.96E-05	0.0011	0.015357	11.73714	
0.033686	0.210209	2.52987	2.894148	5.634228	87048.29	0	2566.378	89614.67	0.44823	0	1.604201	2.052431	1.100862	0	1.17806	2.278922	1.365779	0	6.339873	7.705652	9.221073	1.650334	6.821386	25.39845	1.992941	0	6.941363	8.934304	9.221073	1.650334	6.821386	26.6271	184.5341	0	80.55749	265.0916	0.860561	0	0.025371	0.885932	13.20955	9449.755	
0	0.00517	0.009672	0.011054	0.025896	309.1327	0	309.1327	0.000838	0	0.000838	0.048704	0	0.048704	0.018035	0	0.018035	0	0	0	0.018035	0.020532	0	0.020532	0	0	0	0.020532	0.189607	0	0.189607	0.002929	0	0.002929	0.003748	27.6147								
0	0.072198	0.03966	0.111858	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.000777	0.002638	0.068906	0.03485	0.106394	1010.427	0	61.97803	1072.405	0.003259	0	0.036636	0.039895	0.003917	0	0.017418	0.021335	0.010722	0	0.155928	0.16665	0.174579	0.033865	0.065842	0.440936	0.015645	0	0.170722	0.186367	0.174579	0.033865	0.065842	0.460652	1.629893	0	1.19736	2.827253	0.009989	0	0.000613	0.010602	0.147594	113.0838	
0.000636	0.015982	0.103867	1.0127	1.132549	8204.012	40.41532	131.9558	8376.383	0.011713	0.031777	0.112697	0.156187	0.02441	0.000921	0.218456	0.243787	0.039692	0.108047	0.500507	0.648247	0.862587	0.125826	1.158545	2.795205	0.057919	0.157663	0.547993	0.763574	0.862587	0.125826	1.158545	2.910532	7.385963	1.416278	17.99209	26.79434	0.081105	0.0004	0.001305	0.082809	0.58425	883.2791	
0	0.156127	0.108789	0.707129	0.972045	4838.708	31.40447	0	4870.113	0.029342	0.001372	0	0.030714	0.76234	0.004948	0	0.767288	0.631706	0.029541	0	0.661247	0	0	0	0.661247	0.719155	0.033631	0	0.752786	0	0	0	0.752786	1.53261	0.244853	0	1.777463	0.045849	0.000298	0	0.046147	1.955795	435.0452	
0	0.137759	0.671573	0.809332	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.05E-05	0.001925	0.012838	0.146031	0.160794	1124.022	5.939602	16.55328	1146.515	0.001251	0.003607	0.012548	0.017405	0.003727	0.000105	0.024736	0.028568	0.004119	0.012112	0.054638	0.070869	0.118099	0.016612	0.157375	0.362955	0.00601	0.017674	0.059822	0.083507	0.118099	0.016612	0.157375	0.375592	0.924462	0.180632	2.327272	3.432365	0.011112	5.87E-05	0.000164	0.011334	0.072213	120.8986	
0	0.092774	0.051402	0.389801	0.533977	2676.956	25.35007	0	2702.306	0.01734	0.000678	0	0.018018	0.421756	0.003994	0	0.425749	0.37332	0.014594	0	0.387914	0	0	0	0.387914	0.425	0.016615	0	0.441614	0	0	0	0.441614	0.929689	0.120965	0	1.050654	0.025366	0.00024	0	0.025606	0.906759	241.3959	
0	0.034271	0.194918	0.22919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.005883	0.016314	0.018151	0.054454	0.088919	856.9509	0	63.06287	920.0138	0.640758	0	0.222163	0.862921	0.161285	0	0.007898	0.169183	3.853335	0	1.574496	5.427832	3.257153	5.993462	6.45331	21.13176	4.806799	0	1.714232	6.521031	3.257153	5.993462	6.45331	22.22496	46.24004	0	12.74909	58.98913	0.008472	0	0.000623	0.009095	0.041528	97.0143	
0.020349	0.122555	1.428722	1.657933	3.209211	59705.2	0	1824.946	61530.15	0.275953	0	1.004725	1.280678	0.65949	0	0.715835	1.375326	0.875027	0	4.135651	5.010678	6.334964	1.107872	4.597551	17.05107	1.276837	0	4.528018	5.804855	6.334964	1.107872	4.597551	17.84524	109.8611	0	48.73357	158.5946	0.590247	0	0.018041	0.608288	7.445163	6488.277	

0	0.002341	0.015721	0.018299	0.036361	658.0498	0	0	658.0498	0.000519	0	0	0.000519	0.103676	0	0	0.103676	0.011178	0	0	0.011178	0	0	0	0.011178	0.012726	0	0	0.012726	0	0	0	0.012726	0.344027	0	0	0.344027	0.006235	0	0	0.006235	0.006092	58.78333
0	0	0.06559	0.036073	0.101663	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000505	0.00167	0.042404	0.021456	0.06553	621.9194	0	47.84856	669.7679	0.001998	0	0.023126	0.025124	0.002395	0	0.010956	0.013351	0.006595	0	0.098798	0.105393	0.119029	0.022409	0.045682	0.292514	0.009624	0	0.108172	0.117795	0.119029	0.022409	0.045682	0.304916	1.003192	0	0.758632	1.761823	0.006148	0	0.000473	0.006621	0.090902	70.62619
1.86E-06	0.000683	0.006474	0.023728	0.030886	999.1252	0	0.152173	999.2774	0.001914	0	0.000167	0.002081	0.009459	0	0.000224	0.009683	0.005348	0	0.000595	0.005943	0.10638	0.01629	0.000592	0.129206	0.007803	0	0.000652	0.008455	0.10638	0.01629	0.000592	0.131718	0.083093	0	0.012763	0.095856	0.009877	0	1.5E-06	0.009879	0.024277	105.3726
0	0.009216	0.004974	0.013616	0.027806	325.7269	0	0	325.7269	0.000894	0	0	0.000894	0.051318	0	0	0.051318	0.019241	0	0	0.019241	0	0	0	0.019241	0.021905	0	0	0.021905	0	0	0	0.021905	0.058706	0	0	0.058706	0.003086	0	0	0.003086	0.065081	29.09706
0.000262	0.001887	0.015291	0.05601	0.073188	1877.174	12.41983	19.8452	1909.439	0.003352	0.007131	0.01985	0.030333	0.008906	0.00015	0.015807	0.024863	0.012367	0.027001	0.097397	0.136765	0.063924	0.008521	0.120941	0.330151	0.018046	0.0394	0.106637	0.164083	0.063924	0.008521	0.120941	0.35747	0.230016	0.392717	1.802063	2.424796	0.018558	0.000123	0.000196	0.018877	0.057341	201.3479
0	0.04194	0.130933	0.481354	0.654227	10796.5	491.8088	0	11288.31	0.002975	0.002136	0	0.005111	1.700993	0.077485	0	1.778478	0.064051	0.045983	0	0.110034	0	0	0	0.110034	0.072917	0.052348	0	0.125265	0	0	0	0.125265	0.450554	1.9387	0	2.389253	0.102236	0.004657	0	0.106894	2.39713	1008.38
0	0	0.131188	0.241638	0.372825	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000334	0.001987	0.007342	0.009663	142.8298	22.43183	0	165.2616	0.110627	0.062342	0	0.172969	0.029117	0.004573	0	0.03369	0.001581	0.000891	0	0.002471	0	0	0	0.002471	0.112903	0.063624	0	0.176528	0	0	0	0.176528	0.401649	0.18696	0	0.588609	0	0	0	0	0.175484	19.10172
3.78E-05	0.000279	0.002466	0.009093	0.011838	309.3822	2.30153	3.703469	315.3872	0.001043	0.001238	0.004045	0.006325	0.003237	2.54E-05	0.003224	0.006486	0.004691	0.004926	0.02174	0.031357	0.026597	0.00422	0.029025	0.091198	0.006845	0.007188	0.023802	0.037836	0.026597	0.00422	0.029025	0.097677	0.098902	0.03807	0.410077	0.547048	0.003059	2.28E-05	3.66E-05	0.003118	0.009248	33.25719
0	0.01136	0.010442	0.054043	0.075845	1050.381	28.28626	0	1078.667	0.000761	0.000526	0	0.001287	0.165488	0.004457	0	0.169944	0.016384	0.011324	0	0.027708	0	0	0	0.027708	0.018652	0.012892	0	0.031543	0	0	0	0.031543	0.076442	0.181299	0	0.257741	0.009946	0.000268	0	0.010214	0.189697	96.35691
0	0	0.002683	0.004944	0.007627	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.4E-05	0.000712	0.002639	0.003435	48.69145	1.344318	0	50.03577	0.039657	0.00434	0	0.043998	0.009926	0.000274	0	0.0102	0.000567	6.2E-05	0	0.000629	0	0	0	0.000629	0.040473	0.00443	0	0.044903	0	0	0	0.044903	0.156907	0.011026	0	0.167933	0	0	0	0	0.062857	5.783372
1.58E-05	0.000356	0.001957	0.011201	0.013514	190.2104	11.47476	0.976758	202.6619	0.000552	0.011989	0.001291	0.013832	0.003217	0.000341	0.00136	0.004918	0.00234	0.051054	0.00706	0.060454	0.0215	0.002895	0.015013	0.099862	0.003414	0.074498	0.00773	0.085643	0.0215	0.002895	0.015013	0.125051	0.049664	0.394562	0.15361	0.597836	0.00188	0.000113	9.66E-06	0.002004	0.011011	21.37045
0	0.000889	0.002962	0.011183	0.015033	262.7895	22.67379	0	285.4633	9.21E-05	9.36E-05	0	0.000186	0.041403	0.003572	0	0.044975	0.001982	0.002016	0	0.003998	0	0	0	0.003998	0.002257	0.002295	0	0.004552	0	0	0	0.004552	0.014432	0.084835	0	0.099267	0.002488	0.000215	0	0.002703	0.054117	25.50032
0	0	0.003819	0.008063	0.011882	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000492	0.001139	0.004402	0.006033	131.8296	19.94037	0	151.77	0.304913	0.058221	0	0.363134	0.026874	0.004065	0	0.030939	0.004357	0.000832	0	0.005188	0	0	0	0.005188	0.311186	0.059418	0	0.370605	0	0	0	0.370605	0.895765	0.153909	0	1.049674	0	0	0	0	0.100645	17.5423
1.23E-06	0.000235	0.001581	0.01798	0.019795	136.0254	0	0.289548	136.315	0.000167	0	0.000237	0.000404	0.000601	0	0.000406	0.001007	0.000426	0	0.000782	0.001208	0.000838	0.00022	0.000855	0.00312	0.000621	0	0.000856	0.001478	0.000838	0.00022	0.000855	0.00339	0.105804	0	0.04809	0.153893	0.001345	0	2.86E-06	0.001348	0.008891	14.37424
0	6.44E-05	4.86E-05	0.000368	0.000481	2.676834	0	0	2.676834	1.84E-05	0	0	1.84E-05	0.000422	0	0	0.000422	0.000395	0	0	0.000395	0	0	0	0.000395	0.00045	0	0	0.00045	0	0	0	0.00045	0.000844	0	0	0.000844	2.54E-05	0	0	2.54E-05	0.000891	0.239121
0	0	0.064283	0.112412	0.176695	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000238	0.000244	0.00185	0.002332	12.44155	0	0	12.44155	5.62E-05	0	0	5.62E-05	0.002536	0	0	0.002536	0.001209	0	0	0.001209	0	0	0	0.001209	0.001377	0	0	0.001377	0	0	0	0.001377	0.002219	0	0	0.002219	0	0	0	0	0.019722	1.438054
3.63E-07	5.74E-06	8.49E-05	0.000388	0.000479	7.236882	0	0.030731	7.267614	0.000344	0	9.77E-08	0.000345	0.000423	0	3.2E-05	0.000455	0.001558	0	5.07E-07	0.001558	7.12E-05	9.28E-06	0.000138	0.001776	0.002273	0	5.55E-07	0.002274	7.12E-05	9.28E-06	0.000138	0.002492	0.120211	0	0.003427	0.123638	7.15E-05	0	3.04E-07	7.18E-05	0.000191	0.766361
0	1.908224	2.520409	5.832085	10.26072	89300	6168.448	0	95468.45	0.035761	0.151476	0	0.187237	14.06925	0.971841	0	15.04109	0.769926	3.26124	0	4.031166	0	0	0	4.031166	0.876502	3.712673	0	4.589175	0	0	0	4.589175	2.890648	48.17065	0	51.0613	0.845618	0.058412	0	0.904029	15.50085	8528.159
0	0	0.414636	0.524655	0.939291	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.002893	0.048876	0.197476	0.249245	1503.581	195.5224	0	1699.104	1.017521	0.441142	0	1.458664	0.306515	0.039859	0	0.346373	0.017435	0.006415	0	0.02385	0	0	0	0.02385	1.041756	0.450345	0	1.492101	0	0	0	1.492101	7.993647	1.650058	0	9.643705	0	0	0	0	1.125058	196.3905
0.053883	0.3431	4.391083	4.203274	8.937457	125401.4	0	3515.108	128916.5	0.572766	0	2.066822	2.639588	1.756694	0	1.652407	3.409101	1.657342	0	7.808344	9.465686	13.32369	2.481538	9.922733	35.19365	2.41839	0	8.549154	10.96754	13.32369	2.481538	9.922733	36.69551	269.2076	0	104.8166	374.0241	1.23972	0	0.03475	1.274471	22.9934	13594.08
0	0.000438	0.002628	0.002522	0.005588	60.95116	0	0	60.95116	8.59E-05	0	0	8.59E-05	0.009603	0	0	0.009603	0.00185	0	0	0.00185	0	0	0	0.00185	0.002107	0	0	0.002107	0	0	0	0.002107	0.054214	0	0	0.054214	0.000578	0	0	0.000578	0.001018	5.444743
0	0	0.618921	0.339824	0.958745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002345	0.00798	0.208855	0.105407	0.322242	3058.166	0	151.9377	3210.103	0.009889	0	0.108478	0.118367	0.011962	0	0.051672	0.063634	0.032391	0	0.460716	0.493107	0.581196	0.107815	0.226068	1.408186	0.047265	0	0.504426	0.551691	0.581196	0.107815	0.226068	1.46677	4.931276	0	3.538191	8.469467	0.030233	0	0.001502	0.031735	0.447184	338.5014
0.004473	0.027155	0.306866	0.356644	0.690665	10194.6	0	303.9565	10498.55	0.044554	0	0.166532	0.211086	0.129775	0	0.130435	0.26021	0.132721	0	0.645409	0.77813	1.58194	0.267167	1.152654	3.779891	0.193666	0	0.706642	0.900308	1.58194	0.267167	1.152654	3.902069	20.48365	0	8.249917	28.73357	0.100784	0	0.003005	0.103789	1.590254	1107.059
0	1.97E-06	3.58E-06	4.12E-06	9.67E-06	0.154314	0	0	0.154314	3.16E-07	0	0	3.16E-07	2.43E-05	0	0	2.43E-05	6.8E-06	0	0	6.8E-06	0	0	0	6.8E-06	7.74E-06	0	0	7.74E-06	0	0	0	7.74E-06	7.22E-05	0	0	7.22E-05	1.46E-06	0	0	1.46E-06	1.39E-06	0.013785
0	0	0.009754	0.005359	0.015113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.9E-05	0.000272	0.007304	0.003698	0.011273	106.9993	0	6.189259	113.1886	0.000346	0	0.003846	0.004192	0.000415	0	0.001831	0.002247	0.001138	0	0.016351	0.017489	0.017793	0.003489	0.006518	0.045289	0.001661	0	0.017902	0.019563	0.017793	0.003489	0.006518	0.047362	0.172627	0	0.125503	0.298129	0.001058	0	6.12E-05	0.001119	0.01561	11.93559
0.033089	0.206919	2.534252	2.898884	5.640055	87023.15	0	2568.468	89591.62	0.445628	0	1.593533	2.039161	1.093758	0	1.179383	2.27314	1.353165	0	6.275321	7.628486	9.171729	1.626564	6.807205	25.23398	1.974536	0	6.870686	8.845222	9.171729	1.626564	6.807205	26.45072	184.2704	0	80.40122	264.6716	0.860312	0	0.025392	0.885704	13.23943	9447.325
0	0.005184	0.009698	0.011084	0.025967	309.4743	0	0	309.4743	0.00084	0	0	0.00084	0.048758	0	0	0.048758	0.018077	0	0	0.018077	0	0	0	0.018077	0.02058	0	0	0.02058	0	0	0	0.02058	0.190167	0	0	0.190167	0.002932	0	0	0.002932	0.003758	27.64522
0	0	0.072939	0.040071	0.11301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000779	0.002638	0.069455	0.035131	0.107224	1017.852	0	62.80282	1080.655	0.003281	0	0.037116	0.040397	0.00394	0	0.01763	0.02157	0.010799	0	0.158124	0.168923	0.182798	0.034826	0.068794	0.455342	0.015758	0	0.173126	0.188884	0.182798	0.034826	0.068794	0.475302	1.641853	0	1.214248	2.856101	0.010063	0	0.000621	0.010683	0.148694	113.9537
0.000585	0.015519	0.101504	0.989661	1.106683	7987.185	39.22083	128.1258	8154.532	0.011156	0.030672	0.106899	0.148727	0.02247	0.000892	0.211506	0.234868	0.037451	0.103833	0.470498	0.611782	0.834157	0.118535	1.124969	2.689443	0.054649	0.151513	0.515136	0.721297	0.834157	0.118535	1.124969	2.798958	7.223144	1.378434	17.59041	26.19199	0.078961	0.000388	0.001267	0.080616	0.570958	859.8852
0	0.148241	0.106283	0.690839	0.945363	4717.156	30.50145	0	4747.658	0.027894	0.001338	0	0.029232	0.74319	0.004806	0	0.747995	0.600539	0.028813	0	0.629352	0	0	0	0.629352	0.683673	0.032802	0	0.716475	0	0	0	0.716475	1.440763	0.238819	0	1.679583	0.044697	0.000289	0	0.044986	1.918527	424.1064
0	0	0.142002	0.692261	0.834263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.78E-05	0.001884	0.012537	0.142603	0.157024	1093.764	5.767661	16.08933	1115.621	0.001197	0.00346	0.011951	0.016608	0.003541	0.000101	0.02378	0.027422	0.003912	0.011567	0.051714	0.067193	0.114563	0.015734	0.153478	0.350969	0.005709	0.016878	0.05662	0.079207	0.114563	0.015734	0.153478	0.362983	0.903158	0.175986	2.275123	3.354267	0.010813	5.7E-05	0.000159	0.011029	0.070518	117.6408
0	0.089876	0.050314	0.381551	0.521741	2615.567	24.75586	0	2640.323	0.016719	0.000664	0	0.017383	0.412084	0.0039	0	0.415984	0.359948	0.014298	0	0.374246	0	0	0	0.374246	0.409777	0.016278	0	0.426054	0	0	0	0.426054	0.883397	0.118511	0	1.001908	0.024784	0.000235	0	0.025018	0.890789	235.859
0	0	0.035383	0.201241	0.236624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005868	0.016305	0.018144	0.054433	0.088883	856.1992	0	62.15853	918.3578	0.63704	0	0.218405	0.855445	0.160797	0	0.00765	0.168447	3.819949	0	1.540663	5.360612	3.207018	5.989194	6.445131	21.00195	4.769992	0	1.677544	6.447535	3.207018	5.989194	6.445131	22.08888	45.9005	0	12.6977	58.5982	0.008464	0	0.000615	0.009079	0.04155	96.83968
0.019775	0.119736	1.429848	1.658949	3.208534	59584.82	0	1820.59	61405.41	0.268828	0	0.97802	1.246848	0.64599	0	0.711014	1.357004	0.840081	0	3.969021	4.809102	6.214403	1.075263	4.53762	16.63639	1.225845	0	4.345578	5.571423	6.214403	1.075263	4.53762	17.39871	109.037	0	48.21323	157.2502	0.589057	0	0.017998	0.607055	7.45556	6475.124
0	0.002241	0.015691	0.018255	0.036186	654.7311	0	0	654.7311	0.00051	0	0	0.00051	0.103153	0	0	0.103153	0.010971	0	0	0.010971	0	0	0	0.010971	0.01249	0	0	0.01249	0	0	0	0.01249	0.340923	0	0	0.340923	0.006204	0	0	0.006204	0.00608	58.48687
0	0	0.066229	0.036429	0.102658	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000506	0.001668	0.042785	0.021651	0.066105	627.0245	0	48.55435	675.5789	0.002013	0	0.023465	0.025478	0.002411	0	0.011105	0.013515	0.006648	0	0.100357	0.107006	0.125576	0.023128	0.048008	0.303718	0.009701	0	0.109879	0.11958	0.125576	0.023128	0.048008	0.316292	1.011417	0	0.770614	1.782031	0.006199	0	0.00048	0.006679	0.091655	71.23895
1.87E-06	0.000683	0.006452	0.023649	0.030785	995.7939	0	0.151464	995.9453	0.001907	0	0.000166	0.002072	0.009803	0	0.00022	0.010023	0.005326	0	0.000592	0.005917	0.103466	0.015566	0.00058	0.125529	0.007772	0	0.000648	0.008419	0.103466	0.015566	0.00058	0.128031	0.08268	0	0.012703	0.095384	0.009844	0	1.5E-06	0.009846	0.024196	105.0212
0	0.008293	0.004944	0.013533	0.02677	323.7982	0	0	323.7982	0.000869	0	0	0.000869	0.051015	0	0	0.051015	0.018718	0	0	0.018718	0	0	0	0.018718	0.021309	0	0	0.021309	0	0	0	0.021309	0.056367	0	0	0.056367	0.003068	0	0	0.003068	0.065307	28.92476
0.000256	0.00184	0.014885	0.054526	0.071251	1821.918	11.98617	19.1464	1853.051	0.003238	0.006917	0.019182	0.029337	0.008457	0.000144	0.016083	0.024683	0.011822	0.026185	0.093979	0.131986	0.061556	0.00805	0.117384	0.318976	0.017251	0.038209	0.102895	0.158355	0.061556	0.00805	0.117384	0.345345	0.217596	0.380862	1.738435	2.336893	0.018012	0.000118	0.000189	0.018319	0.055818	195.4019
0	0.041557	0.131114	0.481943	0.654613	10770.72	486.1081	0	11256.83	0.002934	0.002122	0	0.005055	1.696931	0.076587	0	1.773518	0.063162	0.045678	0	0.10884	0	0	0	0.10884	0.071905	0.052001	0	0.123906	0	0	0	0.123906	0.44672	1.927263	0	2.373983	0.101992	0.004603	0	0.106595	2.401154	1005.568
0	0	0.137078	0.252492	0.38957	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000333	0.001975	0.007299	0.009607	141.7935	22.16515	0	163.9587	0.110064	0.061366	0	0.17143	0.028906	0.004519	0	0.033424	0.001573	0.000877	0	0.002449	0	0	0	0.002449	0.112329	0.062629	0	0.174957	0	0	0	0.174957	0.398719	0.185716	0	0.584435	0	0	0	0	0.174459	18.95112
3.55E-05	0.000268	0.00239	0.008812	0.01147	298.4947	2.186519	3.481971	304.1632	0.000838	0.001188	0.003785	0.005811	0.0032	2.43E-05	0.003075	0.006299	0.003633	0.004706	0.020062	0.028401	0.024674	0.003898	0.027408	0.084382	0.005301	0.006868	0.021965	0.034134	0.024674	0.003898	0.027408	0.090114	0.076821	0.036373	0.368251	0.481445	0.002951	2.16E-05	3.44E-05	0.003007	0.008962	32.07363
0	0.010792	0.010476	0.054285	0.075553	1052.496	28.36623	0	1080.862	0.000682	0.000529	0	0.001211	0.165821	0.004469	0	0.17029	0.014689	0.011388	0	0.026077	0	0	0	0.026077	0.016722	0.012964	0	0.029687	0	0	0	0.029687	0.072174	0.182423	0	0.254597	0.009967	0.000269	0	0.010235	0.190613	96.55297
0	0	0.00274	0.005049	0.007789	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.46E-05	0.000715	0.00265	0.003449	48.84318	1.355598	0	50.19878	0.039854	0.004372	0	0.044225	0.009957	0.000276	0	0.010233	0.000569	6.25E-05	0	0.000632	0	0	0	0.000632	0.040674	0.004462	0	0.045135	0	0	0	0.045135	0.157535	0.011167	0	0.168702	0	0	0	0	0.063114	5.802213
1.53E-05	0.000343	0.001867	0.010686	0.012897	180.5231	10.93249	0.930787	192.3864	0.000532	0.011469	0.001274	0.013275	0.003025	0.000322	0.001263	0.00461	0.002258	0.048888	0.006976	0.058122	0.020488	0.002703	0.014429	0.095741	0.003295	0.071337	0.007638	0.082269	0.020488	0.002703	0.014429	0.119889	0.047349	0.377821	0.146113	0.571283	0.001785	0.000108	9.2E-06	0.001902	0.010503	20.2869
0	0.000814	0.002837	0.010713	0.014363	250.6942	21.46853	0	272.1628	8.12E-05	8.93E-05	0	0.00017	0.039497	0.003382	0	0.042879	0.001748	0.001923	0	0.003671	0	0	0	0.003671	0.00199	0.002189	0	0.004179	0	0	0	0.004179	0.01333	0.081196	0	0.094526	0.002374	0.000203	0	0.002577	0.051941	24.31219
0	0	0.004049	0.00855	0.012599	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.00047	0.001085	0.004191	0.005746	124.2193	18.9437	0	143.163	0.283109	0.05417	0	0.337279	0.025323	0.003862	0	0.029185	0.004045	0.000774	0	0.004819	0	0	0	0.004819	0.288934	0.055284	0	0.344218	0	0	0	0.344218	0.818087	0.150017	0	0.968104	0	0	0	0	0.095833	16.54746
1.25E-06	0.000239	0.001611	0.018326	0.020176	138.3049	0	0.295416	138.6003	0.000174	0	0.000242	0.000416	0.000628	0	0.000419	0.001046	0.000445	0	0.0008	0.001244	0.000855	0.000224	0.000872	0.003195	0.000649	0	0.000875	0.001524	0.000855	0.000224	0.000872	0.003475	0.108026	0	0.049623	0.157649	0.001367	0	2.92E-06	0.00137	0.009062	14.61523
0	6.15E-05	4.86E-05	0.000369	0.000479	2.678425	0	0	2.678425	1.82E-05	0	0	1.82E-05	0.000422	0	0	0.000422	0.000391	0	0	0.000391	0	0	0	0.000391	0.000446	0	0	0.000446	0	0	0	0.000446	0.000809	0	0	0.000809	2.54E-05	0	0	2.54E-05	0.000891	0.239263
0	0	0.065599	0.114645	0.180244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000235	0.00025	0.001893	0.002377	12.70155	0	0	12.70155	5.68E-05	0	0	5.68E-05	0.002589	0	0	0.002589	0.001222	0	0	0.001222	0	0	0	0.001222	0.001391	0	0	0.001391	0	0	0	0.001391	0.002165	0	0	0.002165	0	0	0	0	0.020174	1.468106
3.54E-07	5.63E-06	8.32E-05	0.000381	0.00047	7.072717	0	0.029802	7.10252	0.000337	0	9.64E-08	0.000337	0.000415	0	3.93E-05	0.000455	0.001524	0	5E-07	0.001524	6.92E-05	8.87E-06	0.000134	0.001736	0.002223	0	5.47E-07	0.002224	6.92E-05	8.87E-06	0.000134	0.002436	0.117292	0	0.003363	0.120655	6.99E-05	0	2.95E-07	7.02E-05	0.000187	0.748952
0	1.959469	2.587056	5.986092	10.53262	91490.12	6332.162	0	97822.28	0.036607	0.155693	0	0.1923	14.41431	0.997635	0	15.41194	0.788128	3.352035	0	4.140164	0	0	0	4.140164	0.897224	3.816037	0	4.713261	0	0	0	4.713261	2.951335	49.5146	0	52.46593	0.866357	0.059962	0	0.926319	15.91055	8738.426
0	0	0.429803	0.543966	0.973769	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.002872	0.048751	0.195969	0.247592	1495.86	195.6789	0	1691.538	1.000569	0.442392	0	1.44296	0.304941	0.03989	0	0.344831	0.016278	0.006397	0	0.022676	0	0	0	0.022676	1.023412	0.45158	0	1.474992	0	0	0	1.474992	7.884651	1.658333	0	9.542983	0	0	0	0	1.126386	195.516
0.053132	0.339657	4.397507	4.208776	8.94594	125464.3	0	3519.333	128983.7	0.571177	0	2.054653	2.625831	1.755778	0	1.653511	3.409289	1.649727	0	7.734203	9.38393	13.25557	2.448519	9.883541	34.97156	2.407278	0	8.467978	10.87526	13.25557	2.448519	9.883541	36.46288	269.1863	0	104.5559	373.7423	1.240343	0	0.034792	1.275135	23.03425	13601.17
0	0.00039	0.002611	0.002504	0.005505	60.34065	0	0	60.34065	8.17E-05	0	0	8.17E-05	0.009507	0	0	0.009507	0.00176	0	0	0.00176	0	0	0	0.00176	0.002003	0	0	0.002003	0	0	0	0.002003	0.052851	0	0	0.052851	0.000572	0	0	0.000572	0.001012	5.390207
0	0	0.621168	0.34107	0.962238	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00232	0.007898	0.209149	0.105559	0.322606	3059.953	0	152.4329	3212.386	0.00989	0	0.108887	0.118777	0.011961	0	0.051836	0.063797	0.032406	0	0.462738	0.495144	0.585568	0.108012	0.225991	1.414714	0.047287	0	0.50664	0.553927	0.585568	0.108012	0.225991	1.473497	4.934184	0	3.553755	8.487939	0.030251	0	0.001507	0.031758	0.447526	338.7421
0.004333	0.026428	0.306529	0.356078	0.689035	10150.43	0	302.3879	10452.82	0.043618	0	0.162735	0.206352	0.128047	0	0.129557	0.257604	0.128872	0	0.625798	0.75467	1.544698	0.256659	1.128887	3.684914	0.18805	0	0.68517	0.87322	1.544698	0.256659	1.128887	3.803464	20.28069	0	8.129394	28.41009	0.100347	0	0.002989	0.103337	1.590832	1102.237
0	1.94E-06	3.6E-06	4.15E-06	9.68E-06	0.154843	0	0	0.154843	3.15E-07	0	0	3.15E-07	2.44E-05	0	0	2.44E-05	6.78E-06	0	0	6.78E-06	0	0	0	6.78E-06	7.71E-06	0	0	7.71E-06	0	0	0	7.71E-06	7.2E-05	0	0	7.2E-05	1.47E-06	0	0	1.47E-06	1.39E-06	0.013832
0	0	0.009893	0.005437	0.015329	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.04E-05	0.000275	0.007409	0.003752	0.011436	108.5201	0	6.333834	114.854	0.000351	0	0.003931	0.004282	0.00042	0	0.00187	0.00229	0.001154	0	0.016738	0.017892	0.019445	0.003685	0.007165	0.048187	0.001684	0	0.018326	0.02001	0.019445	0.003685	0.007165	0.050305	0.175078	0	0.128473	0.303551	0.001073	0	6.26E-05	0.001135	0.015833	12.11121
0.032586	0.204154	2.538151	2.903064	5.645369	87004.2	0	2570.911	89575.11	0.443289	0	1.584323	2.027612	1.087304	0	1.180726	2.26803	1.341905	0	6.218781	7.560686	9.146925	1.604699	6.794413	25.10672	1.958105	0	6.808782	8.766887	9.146925	1.604699	6.794413	26.31292	184.0118	0	80.27539	264.2871	0.860125	0	0.025416	0.885541	13.26584	9445.583
0	0.005198	0.009721	0.011112	0.026031	309.8169	0	0	309.8169	0.000841	0	0	0.000841	0.048812	0	0	0.048812	0.018116	0	0	0.018116	0	0	0	0.018116	0.020623	0	0	0.020623	0	0	0	0.020623	0.190676	0	0	0.190676	0.002936	0	0	0.002936	0.003767	27.67582
0	0	0.073564	0.040419	0.113983	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000782	0.00264	0.069929	0.035373	0.107942	1024.278	0	63.55267	1087.83	0.003299	0	0.03755	0.040849	0.00396	0	0.01782	0.021781	0.010865	0	0.160115	0.17098	0.190823	0.035745	0.071724	0.469271	0.015855	0	0.175305	0.19116	0.190823	0.035745	0.071724	0.489451	1.652206	0	1.229553	2.881759	0.010126	0	0.000628	0.010754	0.149646	114.7104
0.000542	0.015117	0.099415	0.969298	1.08383	7797.955	38.17076	124.7485	7960.874	0.010685	0.029702	0.102419	0.142806	0.021032	0.000867	0.205653	0.227551	0.035588	0.100185	0.448017	0.58379	0.810033	0.112186	1.093102	2.599112	0.05193	0.14619	0.490522	0.688642	0.810033	0.112186	1.093102	2.703963	7.080863	1.344942	17.22951	25.65531	0.077091	0.000377	0.001233	0.078701	0.55921	839.4643
0	0.141807	0.103965	0.675773	0.921545	4604.423	29.65322	0	4634.076	0.026768	0.001306	0	0.028074	0.725429	0.004672	0	0.730101	0.576301	0.028122	0	0.604423	0	0	0	0.604423	0.656081	0.032015	0	0.688096	0	0	0	0.688096	1.363323	0.23309	0	1.596413	0.043629	0.000281	0	0.04391	1.882738	413.9602
0	0	0.14585	0.711019	0.856869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.56E-05	0.001847	0.01226	0.139462	0.15357	1066.404	5.608383	15.65842	1087.671	0.00115	0.003326	0.011435	0.015911	0.003392	9.76E-05	0.022914	0.026403	0.003738	0.01107	0.049224	0.064032	0.111235	0.014913	0.149367	0.339547	0.005454	0.016153	0.053895	0.075502	0.111235	0.014913	0.149367	0.351017	0.88333	0.171653	2.225319	3.280302	0.010542	5.54E-05	0.000155	0.010753	0.068965	114.6936
0	0.087306	0.04935	0.374238	0.510894	2561.426	24.24406	0	2585.67	0.016239	0.000652	0	0.016892	0.403554	0.00382	0	0.407373	0.349625	0.014041	0	0.363666	0	0	0	0.363666	0.398025	0.015985	0	0.41401	0	0	0	0.41401	0.844332	0.116378	0	0.96071	0.024271	0.00023	0	0.024501	0.876308	230.9769
0	0	0.036401	0.207032	0.243433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005836	0.016274	0.018133	0.054398	0.088804	855.1987	0	61.02188	916.2206	0.633082	0	0.213815	0.846897	0.160259	0	0.00736	0.167619	3.784474	0	1.499383	5.283857	3.14228	5.974485	6.424318	20.82494	4.730789	0	1.63277	6.363559	3.14228	5.974485	6.424318	21.90464	45.53691	0	12.61678	58.15369	0.008455	0	0.000603	0.009058	0.041562	96.61432
0.019261	0.117242	1.430814	1.659773	3.207829	59479.3	0	1817.02	61296.32	0.262164	0	0.953562	1.215726	0.633366	0	0.706545	1.339911	0.807533	0	3.815737	4.62327	6.125262	1.04537	4.483698	16.2776	1.178351	0	4.177752	5.356103	6.125262	1.04537	4.483698	17.01043	108.1897	0	47.73577	155.9255	0.588013	0	0.017963	0.605977	7.464096	6463.621
0	0.002159	0.01567	0.018223	0.036052	652.159	0	0	652.159	0.000502	0	0	0.000502	0.102748	0	0	0.102748	0.010805	0	0	0.010805	0	0	0	0.010805	0.0123	0	0	0.0123	0	0	0	0.0123	0.338498	0	0	0.338498	0.00618	0	0	0.00618	0.006072	58.2571
0	0	0.06677	0.03673	0.1035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000507	0.001667	0.043112	0.021819	0.066598	631.4141	0	49.18921	680.6033	0.002025	0	0.023769	0.025794	0.002424	0	0.011237	0.013661	0.006694	0	0.101757	0.108452	0.131734	0.023798	0.05022	0.314203	0.009768	0	0.111412	0.12118	0.131734	0.023798	0.05022	0.326931	1.01849	0	0.781376	1.799866	0.006242	0	0.000486	0.006728	0.092304	71.76877
1.87E-06	0.000683	0.006431	0.023573	0.030687	992.5997	0	0.150795	992.7505	0.001902	0	0.000165	0.002067	0.009985	0	0.000216	0.010201	0.005313	0	0.000589	0.005901	0.101016	0.014869	0.000568	0.122355	0.007752	0	0.000645	0.008397	0.101016	0.014869	0.000568	0.12485	0.082336	0	0.012664	0.094999	0.009813	0	1.49E-06	0.009814	0.024118	104.6843
0	0.007504	0.004917	0.01346	0.025881	322.1066	0	0	322.1066	0.000848	0	0	0.000848	0.050748	0	0	0.050748	0.018259	0	0	0.018259	0	0	0	0.018259	0.020786	0	0	0.020786	0	0	0	0.020786	0.054327	0	0	0.054327	0.003052	0	0	0.003052	0.0655	28.77366
0.00025	0.0018	0.014536	0.05325	0.069586	1774.664	11.60109	18.54128	1804.806	0.003211	0.006725	0.018608	0.028544	0.00813	0.000139	0.016213	0.024482	0.01165	0.025456	0.091093	0.128199	0.059574	0.007634	0.113931	0.309337	0.016999	0.037146	0.099735	0.15388	0.059574	0.007634	0.113931	0.335019	0.207986	0.370291	1.691263	2.26954	0.017544	0.000115	0.000183	0.017842	0.05451	190.3145
0	0.041333	0.131628	0.483758	0.65672	10776.18	481.8208	0	11258	0.002905	0.002113	0	0.005018	1.697791	0.075911	0	1.773702	0.06255	0.045486	0	0.108036	0	0	0	0.108036	0.071208	0.051782	0	0.12299	0	0	0	0.12299	0.444357	1.920315	0	2.364672	0.102044	0.004563	0	0.106607	2.411155	1005.672
0	0	0.142726	0.262897	0.405623	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000332	0.001965	0.007261	0.009558	140.8743	21.90771	0	162.782	0.109576	0.060441	0	0.170017	0.028718	0.004466	0	0.033184	0.001566	0.000864	0	0.002429	0	0	0	0.002429	0.11183	0.061684	0	0.173515	0	0	0	0.173515	0.396131	0.18447	0	0.580601	0	0	0	0	0.173576	18.81512
3.33E-05	0.000259	0.002323	0.008566	0.011149	288.9614	2.079849	3.272323	294.3136	0.00065	0.001145	0.003512	0.005307	0.003077	2.34E-05	0.002975	0.006074	0.002654	0.004503	0.01835	0.025507	0.023287	0.003592	0.025858	0.078244	0.003873	0.006571	0.020091	0.030534	0.023287	0.003592	0.025858	0.083271	0.055355	0.034802	0.327136	0.417294	0.002857	2.06E-05	3.24E-05	0.00291	0.008713	31.035
0	0.010236	0.010507	0.054514	0.075258	1054.571	28.47374	0	1083.044	0.000602	0.000532	0	0.001135	0.166148	0.004486	0	0.170634	0.01297	0.011461	0	0.024431	0	0	0	0.024431	0.014765	0.013048	0	0.027813	0	0	0	0.027813	0.067869	0.183665	0	0.251534	0.009986	0.00027	0	0.010256	0.191485	96.74792
0	0	0.002789	0.00514	0.007929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.53E-05	0.000718	0.002663	0.003466	49.03309	1.366342	0	50.39943	0.040092	0.0044	0	0.044492	0.009996	0.000279	0	0.010274	0.000573	6.29E-05	0	0.000636	0	0	0	0.000636	0.040917	0.004491	0	0.045408	0	0	0	0.045408	0.1583	0.011308	0	0.169607	0	0	0	0	0.063428	5.825406
1.44E-05	0.000321	0.00172	0.009846	0.011887	164.9865	10.03969	0.860338	175.8866	0.000499	0.01061	0.001166	0.012275	0.00266	0.000293	0.001118	0.004071	0.002123	0.045251	0.006389	0.053762	0.018624	0.002368	0.013202	0.087957	0.003097	0.06603	0.006995	0.076122	0.018624	0.002368	0.013202	0.110317	0.043428	0.349712	0.137972	0.531112	0.001631	9.93E-05	8.51E-06	0.001739	0.009674	18.54702
0	0.000754	0.002714	0.010246	0.013713	238.6343	20.29132	0	258.9256	7.41E-05	8.51E-05	0	0.000159	0.037597	0.003197	0	0.040794	0.001595	0.001831	0	0.003426	0	0	0	0.003426	0.001816	0.002085	0	0.0039	0	0	0	0.0039	0.012442	0.077451	0	0.089893	0.00226	0.000192	0	0.002452	0.049721	23.12973
0	0	0.004278	0.009034	0.013311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000448	0.001031	0.003985	0.005464	116.9669	17.95465	0	134.9216	0.262863	0.050319	0	0.313183	0.023844	0.00366	0	0.027505	0.003756	0.000719	0	0.004475	0	0	0	0.004475	0.268271	0.051355	0	0.319626	0	0	0	0.319626	0.74725	0.145657	0	0.892907	0	0	0	0	0.091109	15.59488
1.27E-06	0.000243	0.001641	0.018672	0.020556	140.5842	0	0.301716	140.8859	0.000183	0	0.000249	0.000432	0.000653	0	0.000433	0.001086	0.00047	0	0.000822	0.001292	0.000836	0.000224	0.000863	0.003215	0.000685	0	0.0009	0.001586	0.000836	0.000224	0.000863	0.003509	0.110551	0	0.051418	0.161968	0.00139	0	2.98E-06	0.001393	0.009233	14.85625
0	6.32E-05	4.86E-05	0.000369	0.000481	2.679978	0	0	2.679978	1.83E-05	0	0	1.83E-05	0.000422	0	0	0.000422	0.000394	0	0	0.000394	0	0	0	0.000394	0.000449	0	0	0.000449	0	0	0	0.000449	0.00083	0	0	0.00083	2.54E-05	0	0	2.54E-05	0.000892	0.239401
0	0	0.066914	0.116877	0.183791	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000242	0.000255	0.001935	0.002432	12.96142	0	0	12.96142	5.79E-05	0	0	5.79E-05	0.002642	0	0	0.002642	0.001247	0	0	0.001247	0	0	0	0.001247	0.001419	0	0	0.001419	0	0	0	0.001419	0.002208	0	0	0.002208	0	0	0	0	0.020626	1.498143
3.46E-07	5.53E-06	8.17E-05	0.000375	0.000462	6.938747	0	0.028941	6.967688	0.000332	0	3.02E-09	0.000332	0.000414	0	4.58E-05	0.000459	0.001502	0	1.62E-08	0.001503	6.68E-05	8.49E-06	0.00013	0.001708	0.002192	0	1.78E-08	0.002192	6.68E-05	8.49E-06	0.00013	0.002398	0.115938	0	0.003283	0.11922	6.86E-05	0	2.86E-07	6.89E-05	0.000184	0.734734
0	2.01329	2.656505	6.146271	10.81607	93792.47	6503.258	0	100295.7	0.037515	0.160073	0	0.197587	14.77704	1.024591	0	15.80163	0.807679	3.446321	0	4.254	0	0	0	4.254	0.919481	3.923374	0	4.842855	0	0	0	4.842855	3.0167	50.90961	0	53.92631	0.888159	0.061582	0	0.949741	16.33736	8959.377

0	0	0.444671	0.562784	1.007456	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.002857	0.048696	0.194739	0.246291	1490.946	196.1517	0	1687.097	0.987809	0.444486	0	1.432295	0.303939	0.039987	0	0.343926	0.015585	0.006406	0	0.021992	0	0	0	0	0.021992	1.009808	0.453694	0	1.463502	0	0	0	0	1.463502	7.788209	1.668657	0	9.456866	0	0	1.12929	195.0027
0.052521	0.33696	4.403547	4.213906	8.954413	125539.6	0	3524.253	129063.9	0.569993	0	2.045388	2.615381	1.755273	0	1.655143	3.410416	1.643905	0	7.675458	9.319363	13.18502	2.41976	9.854049	34.77819	2.398782	0	8.40366	10.80244	13.18502	2.41976	9.854049	36.26127	269.2247	0	104.3835	373.6082	1.241087	0	0.034841	1.275928	23.07184	13609.63
0	0.000343	0.002596	0.002489	0.005428	59.81339	0	0	59.81339	7.77E-05	0	0	7.77E-05	0.009424	0	0	0.009424	0.001672	0	0	0.001672	0	0	0	0	0.001672	0.001903	0	0	0.001903	0	0	0	0	0.001903	0.05158	0	0	0.05158	0.000567	0	0.000567	0.001006	5.343107
0	0	0.623121	0.342153	0.965274	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002302	0.007836	0.209436	0.105706	0.322978	3062.182	0	152.9465	3215.128	0.009893	0	0.109289	0.119182	0.011963	0	0.051998	0.063961	0.032426	0	0.464712	0.497138	0.589692	0.108294	0.226279	1.421404	0.047316	0	0.508802	0.556117	0.589692	0.108294	0.226279	1.480383	4.937803	0	3.568948	8.506751	0.030273	0	0.001512	0.031785	0.447923	339.0312
0.004232	0.025888	0.306427	0.355834	0.688149	10121.47	0	301.528	10423	0.043097	0	0.160327	0.203424	0.127164	0	0.129147	0.256311	0.12676	0	0.613558	0.740318	1.518993	0.249543	1.113675	3.622529	0.184967	0	0.671769	0.856736	1.518993	0.249543	1.113675	3.738948	20.17136	0	8.057969	28.22933	0.100061	0	0.002981	0.103042	1.592459	1099.092
0	1.96E-06	3.62E-06	4.18E-06	9.75E-06	0.155705	0	0	0.155705	3.17E-07	0	0	3.17E-07	2.45E-05	0	0	2.45E-05	6.82E-06	0	0	6.82E-06	0	0	0	0	6.82E-06	7.77E-06	0	0	7.77E-06	0	0	0	0	7.77E-06	7.27E-05	0	0	7.27E-05	1.48E-06	0	1.48E-06	1.4E-06	0.013909
0	0	0.010014	0.005504	0.015518	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.17E-05	0.000278	0.007503	0.003799	0.01158	109.8587	0	6.465815	116.3245	0.000355	0	0.00401	0.004364	0.000425	0	0.001905	0.00233	0.001168	0	0.017091	0.018259	0.0211	0.003875	0.007815	0.051048	0.001705	0	0.018712	0.020417	0.0211	0.003875	0.007815	0.053206	0.177236	0	0.131185	0.308421	0.001086	0	6.39E-05	0.00115	0.01603	12.26627
0.03216	0.201827	2.541725	2.906853	5.650405	86992.57	0	2573.58	89566.15	0.441001	0	1.575956	2.016958	1.081009	0	1.18187	2.262879	1.330939	0	6.166484	7.497423	9.11276	1.584509	6.783568	24.97826	1.942102	0	6.751524	8.693627	9.11276	1.584509	6.783568	26.17446	183.761	0	80.15971	263.9208	0.86001	0	0.025442	0.885453	13.28981	9444.638
0	0.00521	0.009743	0.011137	0.02609	310.1568	0	0	310.1568	0.000843	0	0	0.000843	0.048865	0	0	0.048865	0.01815	0	0	0.01815	0	0	0	0	0.01815	0.020663	0	0	0.020663	0	0	0	0	0.020663	0.191143	0	0	0.191143	0.002939	0	0.002939	0.003775	27.70618
0	0	0.074092	0.040712	0.114804	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000785	0.002642	0.07034	0.035583	0.108565	1029.835	0	64.23132	1094.066	0.003314	0	0.03794	0.041254	0.003977	0	0.017991	0.021968	0.010923	0	0.161912	0.172835	0.198503	0.03661	0.074557	0.482505	0.015939	0	0.177274	0.193212	0.198503	0.03661	0.074557	0.502882	1.661161	0	1.24338	2.904541	0.010181	0	0.000635	0.010816	0.150472	115.3679
0.000492	0.014713	0.097436	0.95	1.062149	7616.127	37.08971	121.3532	7774.569	0.010195	0.028718	0.097642	0.136555	0.019482	0.000841	0.199773	0.220096	0.03362	0.096411	0.423632	0.553663	0.777761	0.104931	1.051892	2.488247	0.049059	0.140683	0.463823	0.653565	0.777761	0.104931	1.051892	2.588149	6.949901	1.310556	16.86822	25.12868	0.075293	0.000367	0.0012	0.07686	0.548077	819.8186
0	0.135997	0.101807	0.661743	0.899546	4499.892	28.83832	0	4528.73	0.025756	0.001275	0	0.027031	0.70896	0.004543	0	0.713503	0.554518	0.027452	0	0.58197	0	0	0	0	0.58197	0.631282	0.031252	0	0.662534	0	0	0	0	0.662534	1.291549	0.227534	0	1.519083	0.042639	0.000273	0	0.042912	1.849173	404.5497
0	0	0.149329	0.727981	0.877311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.35E-05	0.001812	0.01201	0.136615	0.150437	1041.823	5.460929	15.25948	1062.543	0.001109	0.003204	0.010959	0.015272	0.003261	9.44E-05	0.022132	0.025487	0.003584	0.010616	0.046922	0.061122	0.107605	0.014137	0.145021	0.327884	0.005229	0.015491	0.051373	0.072094	0.107605	0.014137	0.145021	0.338856	0.865173	0.167622	2.178415	3.21121	0.010299	5.4E-05	0.000151	0.010504	0.067557	112.0439
0	0.08477	0.048428	0.367249	0.500447	2509.966	23.72798	0	2533.694	0.015769	0.00064	0	0.016409	0.395446	0.003738	0	0.399185	0.339498	0.01378	0	0.353278	0	0	0	0	0.353278	0.386496	0.015687	0	0.402183	0	0	0	0	0.402183	0.805008	0.114214	0	0.919221	0.023783	0.000225	0	0.024008	0.862684	226.3339
0	0	0.037331	0.212319	0.24965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005791	0.016225	0.018118	0.054353	0.088696	854.0605	0	59.71912	913.7796	0.629077	0	0.208648	0.837725	0.159706	0	0.00704	0.166746	3.748547	0	1.452831	5.201378	3.066314	5.951877	6.394063	20.61363	4.691036	0	1.582274	6.27331	3.066314	5.951877	6.394063	21.68556	45.16734	0	12.51437	57.68171	0.008443	0	0.00059	0.009034	0.041567	96.35692
0.018785	0.114969	1.431583	1.66033	3.206881	59380.41	0	1813.759	61194.17	0.256469	0	0.931861	1.18833	0.622594	0	0.70291	1.325504	0.780235	0	3.681282	4.461517	6.025611	1.016103	4.431222	15.93445	1.138517	0	4.030541	5.169058	6.025611	1.016103	4.431222	16.64199	107.0096	0	47.27965	154.2893	0.587036	0	0.017931	0.604967	7.470732	6452.849
0	0.002092	0.015658	0.018203	0.035953	650.2453	0	0	650.2453	0.000496	0	0	0.000496	0.102446	0	0	0.102446	0.010671	0	0	0.010671	0	0	0	0	0.010671	0.012148	0	0	0.012148	0	0	0	0	0.012148	0.336622	0	0	0.336622	0.006161	0	0	0.006161	0.006067	58.08616
0	0	0.06723	0.036987	0.104217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000508	0.001666	0.043395	0.021964	0.067025	635.2085	0	49.76143	684.9699	0.002036	0	0.02404	0.026076	0.002436	0	0.011355	0.013791	0.006734	0	0.103016	0.10975	0.13746	0.02442	0.052306	0.323936	0.009826	0	0.11279	0.122616	0.13746	0.02442	0.052306	0.336802	1.024606	0	0.791054	1.81566	0.00628	0	0.000492	0.006772	0.092865	72.22922
1.87E-06	0.000682	0.006414	0.023512	0.030608	990.0136	0	0.149255	990.1629	0.001723	0	0.00017	0.001893	0.010055	0	0.000212	0.010268	0.004809	0	0.000592	0.0054	0.09881	0.014276	0.000559	0.119045	0.007017	0	0.000648	0.007665	0.09881	0.014276	0.000559	0.121309	0.082733	0	0.011976	0.094709	0.009787	0	1.48E-06	0.009789	0.024054	104.4114
0	0.006745	0.004893	0.013395	0.025033	320.5971	0	0	320.5971	0.000834	0	0	0.000834	0.05051	0	0	0.05051	0.017952	0	0	0.017952	0	0	0	0	0.017952	0.020438	0	0	0.020438	0	0	0	0	0.020438	0.052782	0	0	0.052782	0.003038	0	0	0.003038	0.065665	28.63881
0.000245	0.001766	0.014237	0.052157	0.06816	1734.308	11.25154	17.92229	1763.482	0.00309	0.006553	0.018192	0.027834	0.00788	0.000134	0.016499	0.024513	0.011259	0.024793	0.088942	0.124994	0.057303	0.007245	0.110202	0.299744	0.016429	0.036178	0.097381	0.149988	0.057303	0.007245	0.110202	0.324737	0.202657	0.360656	1.603453	2.166766	0.017145	0.000111	0.000177	0.017434	0.053388	185.957
0	0.04125	0.132466	0.486761	0.660478	10811.64	478.9942	0	11290.63	0.002888	0.002109	0	0.004997	1.703377	0.075466	0	1.778843	0.06218	0.045411	0	0.10759	0	0	0	0	0.10759	0.070787	0.051697	0	0.122483	0	0	0	0	0.122483	0.443396	1.91818	0	2.361576	0.10238	0.004536	0	0.106916	2.427008	1008.587
0	0	0.148148	0.272888	0.421035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000331	0.001958	0.007234	0.009523	140.1545	21.67597	0	161.8305	0.109222	0.059613	0	0.168835	0.028571	0.004419	0	0.03299	0.001561	0.000852	0	0.002412	0	0	0	0	0.002412	0.111469	0.06084	0	0.172308	0	0	0	0	0.172308	0.394117	0.183348	0	0.577465	0	0	0	0	0.172928	18.70514
3.11E-05	0.00025	0.002263	0.008343	0.010857	280.2509	1.972193	3.048605	285.2717	0.000413	0.001101	0.003276	0.00479	0.002859	2.26E-05	0.002883	0.005764	0.001491	0.004298	0.01679	0.022579	0.021619	0.003273	0.024199	0.071671	0.002176	0.006272	0.018383	0.02683	0.021619	0.003273	0.024199	0.075923	0.033113	0.033219	0.277645	0.343977	0.002771	1.95E-05	3.01E-05	0.00282	0.008486	30.08155
0	0.009802	0.010538	0.054736	0.075076	1056.694	28.59441	0	1085.289	0.000547	0.000536	0	0.001083	0.166483	0.004505	0	0.170988	0.011777	0.01154	0	0.023317	0	0	0	0	0.023317	0.013407	0.013138	0	0.026545	0	0	0	0	0.026545	0.064551	0.18495	0	0.249501	0.010006	0.000271	0	0.010277	0.192292	96.9484
0	0	0.002832	0.005218	0.00805	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.61E-05	0.000722	0.002676	0.003484	49.20358	1.374853	0	50.57844	0.040344	0.004418	0	0.044762	0.01003	0.00028	0	0.010311	0.000576	6.31E-05	0	0.00064	0	0	0	0	0.00064	0.041174	0.004509	0	0.045683	0	0	0	0	0.045683	0.159037	0.011445	0	0.170483	0	0	0	0	0.063738	5.846096
1.29E-05	0.000287	0.001508	0.00864	0.010435	142.7831	8.760324	0.746034	152.2894	0.000425	0.009373	0.001016	0.010813	0.002099	0.000253	0.000901	0.003254	0.001807	0.040002	0.005573	0.047381	0.015653	0.001902	0.011261	0.076197	0.002636	0.05837	0.006102	0.067108	0.015653	0.001902	0.011261	0.095924	0.037296	0.309144	0.11781	0.46425	0.001412	8.66E-05	7.38E-06	0.001506	0.008484	16.05873
0	0.000705	0.002593	0.009792	0.01309	226.8553	19.15818	0	246.0134	6.9E-05	8.09E-05	0	0.00015	0.035741	0.003018	0	0.03876	0.001485	0.001742	0	0.003227	0	0	0	0	0.003227	0.001691	0.001983	0	0.003674	0	0	0	0	0.003674	0.011692	0.073727	0	0.085419	0.002148	0.000181	0	0.00233	0.047535	21.97628
0	0	0.0045	0.009505	0.014005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000427	0.000981	0.00379	0.005197	110.3089	17.00523	0	127.3142	0.244949	0.046812	0	0.291762	0.022487	0.003467	0	0.025954	0.0035	0.000669	0	0.004169	0	0	0	0	0.004169	0.249988	0.047776	0	0.297764	0	0	0	0	0.297764	0.686057	0.14095	0	0.827007	0	0	0	0	0.086641	14.71558
1.29E-06	0.000247	0.001672	0.019017	0.020937	142.8629	0	0.306983	143.1699	0.000188	0	0.000254	0.000442	0.000669	0	0.000443	0.001111	0.000482	0	0.00084	0.001322	0.000868	0.000232	0.000892	0.003315	0.000703	0	0.00092	0.001623	0.000868	0.000232	0.000892	0.003616	0.112799	0	0.052572	0.165371	0.001412	0	3.03E-06	0.001415	0.009404	15.09709
0	6.88E-05	4.87E-05	0.000369	0.000486	2.681559	0	0	2.681559	1.87E-05	0	0	1.87E-05	0.000422	0	0	0.000422	0.000402	0	0	0.000402	0	0	0	0	0.000402	0.000457	0	0	0.000457	0	0	0	0	0.000457	0.000899	0	0	0.000899	2.54E-05	0	0	2.54E-05	0.000892	0.239543
0	0	0.06823	0.119108	0.187337	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000246	0.000261	0.001977	0.002484	13.22121	0	0	13.22121	5.89E-05	0	0	5.89E-05	0.002695	0	0	0.002695	0.001269	0	0	0.001269	0	0	0	0	0.001269	0.001445	0	0	0.001445	0	0	0	0	0.001445	0.002258	0	0	0.002258	0	0	0	0	0.021078	1.52817
3.4E-07	5.46E-06	8.05E-05	0.00037	0.000456	6.827646	0	0.0282	6.855846	0.000327	0	3.11E-07	0.000328	0.000412	0	5.26E-05	0.000465	0.00148	0	1.77E-06	0.001482	6.44E-05	8.12E-06	0.000125	0.00168	0.002159	0	1.94E-06	0.002161	6.44E-05	8.12E-06	0.000125	0.002359	0.113559	0	0.003212	0.116771	6.75E-05	0	2.79E-07	6.78E-05	0.000181	0.72294
0	2.06943	2.728742	6.312734	11.11091	96207.29	6681.832	0	102889.1	0.038466	0.164616	0	0.203082	15.1575	1.052725	0	16.21022	0.828161	3.54414	0	4.3723	0	0	0	0	4.3723	0.942798	4.034733	0	4.977531	0	0	0	0	4.977531	3.085877	52.35661	0	55.44249	0.911026	0.063273	0	0.974298	16.78114	9191.045
0	0	0.459358	0.581232	1.04059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.002827	0.048693	0.193694	0.245214	1487.324	196.864	0	1684.188	0.97424	0.447415	0	1.421655	0.303201	0.040132	0	0.343333	0.014589	0.006417	0	0.021006	0	0	0	0	0.021006	0.995046	0.456648	0	1.451694	0	0	0	0	1.451694	7.701985	1.680925	0	9.38291	0	0	0	0	1.133452	194.6665
0.052256	0.335359	4.40912	4.218615	8.963094	125619.5	0	3530.049	129149.6	0.5698	0	2.041924	2.611725	1.756554	0	1.658777	3.41533	1.642642	0	7.651951	9.294594	13.15407	2.401434	9.840836	34.69094	2.39694	0	8.377924	10.77486	13.15407	2.401434	9.840836	36.17121	269.4206	0	104.3696	373.7902	1.241877	0	0.034898	1.276775	23.10821	13618.66
0	0.00032	0.002587	0.002479	0.005386	59.4737	0	0	59.4737	7.55E-05	0	0	7.55E-05	0.00937	0	0	0.00937	0.001626	0	0	0.001626	0	0	0	0	0.001626	0.001851	0	0	0.001851	0	0	0	0	0.001851	0.050858	0	0	0.050858	0.000564	0	0	0.000564	0.001002	5.312762
0	0	0.624807	0.343088	0.967895	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002289	0.007791	0.20971	0.105845	0.323346	3064.637	0	153.4786	3218.116	0.009897	0	0.109686	0.119583	0.011966	0	0.05216	0.064125	0.032448	0	0.466657	0.499105	0.594081	0.108652	0.226885	1.428722	0.047348	0	0.510931	0.558278	0.594081	0.108652	0.226885	1.487896	4.941793	0	3.583912	8.525705	0.030297	0	0.001517	0.031814	0.448346	339.3463
0.004169	0.025526	0.306403	0.355701	0.687629	10099.44	0	301.0047	10400.44	0.042894	0	0.158834	0.201728	0.126936	0	0.129064	0.256	0.125969	0	0.606296	0.732266	1.502649	0.244356	1.102463	3.581734	0.183814	0	0.663818	0.847632	1.502649	0.244356	1.102463	3.697101	20.12155	0	8.013972	28.13552	0.099843	0	0.002976	0.102819	1.594749	1096.714
0	1.97E-06	3.64E-06	4.2E-06	9.81E-06	0.156454	0	0	0.156454	3.19E-07	0	0	3.19E-07	2.46E-05	0	0	2.46E-05	6.86E-06	0	0	6.86E-06	0	0	0	0	6.86E-06	7.81E-06	0	0	7.81E-06	0	0	0	0	7.81E-06	7.32E-05	0	0	7.32E-05	1.48E-06	0	0	1.48E-06	1.41E-06	0.013976
0	0	0.010118	0.005562	0.01568	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.29E-05	0.000281	0.007584	0.003841	0.011706	111.0293	0	6.585903	117.6152	0.000358	0	0.00408	0.004439	0.000429	0	0.001936	0.002365	0.00118	0	0.017412	0.018593	0.022762	0.00406	0.008471	0.053886	0.001723	0	0.019064	0.020787	0.022762	0.00406	0.008471	0.05608	0.179123	0	0.133653	0.312776	0.001098	0	6.51E-05	0.001163	0.016202	12.40238
0.031957	0.200498	2.544821	2.910066	5.655384	86982.02	0	2576.537	89558.56	0.441045	0	1.573122	2.014167	1.08128	0	1.186026	2.267306	1.330543	0	6.148522	7.479065	9.085597	1.568101	6.773133	24.9059	1.941525	0	6.731857	8.673383	9.085597	1.568101	6.773133	26.10021	183.8416	0	80.17191	264.0135	0.859906	0	0.025472	0.885378	13.31511	9443.838
0	0.005222	0.009762	0.01116	0.026144	310.485	0	0	310.485	0.000844	0	0	0.000844	0.048917	0	0	0.048917	0.018181	0	0	0.018181	0	0	0	0	0.018181	0.020698	0	0	0.020698	0	0	0	0	0.020698	0.191571	0	0	0.191571	0.002942	0	0	0.002942	0.003783	27.7355
0	0	0.074533	0.040958	0.115491	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000788	0.002645	0.070692	0.035762	0.1091	1034.602	0	64.84508	1099.448	0.003327	0	0.038291	0.041618	0.003991	0	0.018143	0.022134	0.010972	0	0.163536	0.174508	0.205868	0.037425	0.077296	0.495097	0.01601	0	0.179051	0.195061	0.205868	0.037425	0.077296	0.51565	1.668847	0	1.255869	2.924716	0.010228	0	0.000641	0.010869	0.151182	115.9354
0.000484	0.014512	0.095713	0.933202	1.043427	7459.654	36.153	118.3172	7614.124	0.009862	0.02785	0.094439	0.13215	0.01845	0.00082	0.193201	0.212472	0.032349	0.093182	0.408236	0.533767	0.748771	0.099462	1.015124	2.397124	0.047204	0.135971	0.446967	0.630142	0.748771	0.099462	1.015124	2.493498	6.835801	1.280601	16.57309	24.68949	0.073746	0.000357	0.00117	0.075273	0.538386	802.8999
0	0.129256	0.09982	0.648829	0.877905	4405.252	28.06698	0	4433.319	0.024647	0.001245	0	0.025893	0.694049	0.004422	0	0.698471	0.530644	0.026812	0	0.557457	0	0	0	0	0.557457	0.604103	0.030524	0	0.634627	0	0	0	0	0.634627	1.227769	0.222235	0	1.450004	0.041742	0.000266	0	0.042008	1.817898	396.0266
0	0	0.152455	0.74322	0.895675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.24E-05	0.001784	0.011779	0.133986	0.147549	1019.295	5.321081	14.87763	1039.494	0.001075	0.003089	0.010538	0.014702	0.003151	9.15E-05	0.021356	0.024599	0.003456	0.010192	0.044918	0.058566	0.103853	0.013402	0.140305	0.316127	0.005043	0.014872	0.049179	0.069094	0.103853	0.013402	0.140305	0.326655	0.848304	0.163778	2.13408	3.146162	0.010077	5.26E-05	0.000147	0.010276	0.066257	109.6133
0	0.080796	0.047562	0.36068	0.489039	2461.017	23.22131	0	2484.238	0.015109	0.000628	0	0.015737	0.387734	0.003659	0	0.391393	0.325278	0.013523	0	0.3388	0	0	0	0	0.3388	0.370307	0.015395	0	0.385702	0	0	0	0	0.385702	0.767965	0.112082	0	0.880047	0.023319	0.00022	0	0.023539	0.850208	221.916
0	0	0.038176	0.217128	0.255305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005863	0.016328	0.018109	0.054327	0.088764	853.2644	0	58.65734	911.9217	0.625913	0	0.204991	0.830904	0.159288	0	0.006757	0.166045	3.719802	0	1.419581	5.139384	3.010505	5.942599	6.380343	20.47283	4.659641	0	1.54624	6.205881	3.010505	5.942599	6.380343	21.53933	44.90751	0	12.46974	57.37726	0.008435	0	0.00058	0.009015	0.041579	96.161
0.018609	0.113924	1.432262	1.660796	3.206983	59291.87	0	1811.495	61103.36	0.255546	0	0.927293	1.182839	0.620742	0	0.704599	1.325341	0.776434	0	3.656696	4.433131	5.942678	0.994282	4.386871	15.75696	1.132971	0	4.003622	5.136593	5.942678	0.994282	4.386871	16.46042	106.8388	0	47.15549	153.9942	0.58616	0	0.017908	0.604069	7.482306	6443.273
0	0.002035	0.015651	0.018191	0.035877	648.816	0	0	648.816	0.000491	0	0	0.000491	0.102221	0	0	0.102221	0.01056	0	0	0.01056	0	0	0	0	0.01056	0.012022	0	0	0.012022	0	0	0	0	0.012022	0.335139	0	0	0.335139	0.006148	0	0	0.006148	0.006065	57.95847
0	0	0.067621	0.037204	0.104825	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000509	0.001665	0.043638	0.022089	0.067392	638.4826	0	50.27977	688.7624	0.002045	0	0.024285	0.02633	0.002446	0	0.011461	0.013906	0.006767	0	0.104153	0.11092	0.142837	0.024997	0.054279	0.333033	0.009875	0	0.114034	0.123909	0.142837	0.024997	0.054279	0.346022	1.029885	0	0.799792	1.829677	0.006312	0	0.000497	0.006809	0.093351	72.62913
1.87E-06	0.000683	0.006398	0.023453	0.030534	987.5511	0	0.147372	987.6985	0.001513	0	0.000174	0.001686	0.009937	0	0.000209	0.010146	0.004206	0	0.000586	0.004792	0.096919	0.013761	0.00055	0.116022	0.006137	0	0.000642	0.006779	0.096919	0.013761	0.00055	0.118009	0.082098	0	0.011077	0.093175	0.009763	0	1.46E-06	0.009764	0.023994	104.1516
0	0.006012	0.00487	0.013331	0.024214	319.1203	0	0	319.1203	0.00082	0	0	0.00082	0.050278	0	0	0.050278	0.017664	0	0	0.017664	0	0	0	0	0.017664	0.020109	0	0	0.020109	0	0	0	0	0.020109	0.05131	0	0	0.05131	0.003024	0	0	0.003024	0.065799	28.50689
0.000241	0.001736	0.013982	0.051225	0.066943	1699.992	10.93395	17.31443	1728.24	0.002921	0.006402	0.017772	0.027095	0.007665	0.00013	0.016881	0.024675	0.010706	0.024188	0.086758	0.121652	0.055062	0.006868	0.106164	0.289745	0.015622	0.035295	0.094989	0.145906	0.055062	0.006868	0.106164	0.313999	0.193759	0.351875	1.495462	2.041097	0.016806	0.000108	0.000171	0.017085	0.052432	182.2407
0	0.041323	0.133608	0.490888	0.665818	10875.33	477.6185	0	11352.95	0.002882	0.002111	0	0.004993	1.713413	0.075249	0	1.788662	0.062052	0.045451	0	0.107503	0	0	0	0	0.107503	0.070642	0.051742	0	0.122384	0	0	0	0	0.122384	0.443885	1.920753	0	2.364638	0.102983	0.004523	0	0.107506	2.448333	1014.155
0	0	0.15337	0.28251	0.43588	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000331	0.001953	0.007217	0.009502	139.6633	21.47601	0	161.1393	0.109022	0.058903	0	0.167925	0.028471	0.004378	0	0.032849	0.001558	0.000842	0	0.002399	0	0	0	0	0.002399	0.111265	0.060115	0	0.171379	0	0	0	0	0.171379	0.392763	0.182394	0	0.575157	0	0	0	0	0.172547	18.62525
3.08E-05	0.000247	0.002208	0.00814	0.010595	272.3504	1.865163	2.866389	277.082	0.000342	0.001058	0.003054	0.004454	0.002759	2.17E-05	0.002701	0.005482	0.00124	0.004095	0.01551	0.020845	0.020099	0.002997	0.022564	0.066505	0.001809	0.005975	0.016981	0.024766	0.020099	0.002997	0.022564	0.070426	0.031203	0.031646	0.253206	0.316054	0.002692	1.84E-05	2.83E-05	0.002739	0.00828	29.21795
0	0.009539	0.010568	0.05495	0.075057	1058.918	28.71379	0	1087.632	0.000511	0.00054	0	0.001051	0.166833	0.004524	0	0.171357	0.010998	0.01162	0	0.022619	0	0	0	0	0.022619	0.012521	0.013229	0	0.02575	0	0	0	0	0.02575	0.062267	0.186207	0	0.248474	0.010027	0.000272	0	0.010299	0.192999	97.15772
0	0	0.002868	0.005286	0.008154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.71E-05	0.000725	0.00269	0.003503	49.3787	1.382029	0	50.76073	0.040628	0.004429	0	0.045056	0.010066	0.000282	0	0.010348	0.00058	6.33E-05	0	0.000644	0	0	0	0	0.000644	0.041464	0.004521	0	0.045983	0	0	0	0	0.045983	0.159811	0.011586	0	0.171397	0	0	0	0	0.064076	5.867166
1.14E-05	0.000251	0.0013	0.007447	0.008997	121.1036	7.522132	0.636456	129.2621	0.000355	0.008154	0.000913	0.009422	0.001606	0.000212	0.000692	0.00251	0.001515	0.034854	0.005018	0.041387	0.012803	0.001478	0.009309	0.064976	0.00221	0.050859	0.005494	0.058563	0.012803	0.001478	0.009309	0.082153	0.031404	0.269362	0.098415	0.399181	0.001197	7.44E-05	6.29E-06	0.001278	0.00731	13.63053
0	0.000663	0.00248	0.009364	0.012508	215.7821	18.10693	0	233.8891	6.5E-05	7.7E-05	0	0.000142	0.033997	0.002853	0	0.036849	0.001398	0.001658	0	0.003056	0	0	0	0	0.003056	0.001592	0.001887	0	0.003479	0	0	0	0	0.003479	0.011046	0.070195	0	0.081242	0.002043	0.000171	0	0.002215	0.045467	20.89322
0	0	0.004711	0.009955	0.014666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000408	0.000934	0.003608	0.004949	104.2979	16.10356	0	120.4014	0.229561	0.043711	0	0.273272	0.021262	0.003283	0	0.024545	0.00328	0.000625	0	0.003905	0	0	0	0	0.003905	0.234284	0.04461	0	0.278894	0	0	0	0	0.278894	0.635217	0.135885	0	0.771102	0	0	0	0	0.08248	13.91657
1.31E-06	0.000252	0.001702	0.019363	0.021317	145.1405	0	0.311995	145.4525	0.000191	0	0.000257	0.000449	0.000688	0	0.00045	0.001139	0.00049	0	0.000851	0.001341	0.000835	0.00023	0.000876	0.003281	0.000715	0	0.000931	0.001647	0.000835	0.00023	0.000876	0.003587	0.114169	0	0.053582	0.16775	0.001435	0	3.08E-06	0.001438	0.009575	15.33778
0	7.06E-05	4.87E-05	0.000369	0.000489	2.683154	0	0	2.683154	1.88E-05	0	0	1.88E-05	0.000423	0	0	0.000423	0.000405	0	0	0.000405	0	0	0	0	0.000405	0.000461	0	0	0.000461	0	0	0	0	0.000461	0.000922	0	0	0.000922	2.54E-05	0	0	2.54E-05	0.000893	0.239685
0	0	0.069545	0.121338	0.190883	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000251	0.000266	0.00202	0.002537	13.48089	0	0	13.48089	6E-05	0	0	6E-05	0.002748	0	0	0.002748	0.001291	0	0	0.001291	0	0	0	0	0.001291	0.00147	0	0	0.00147	0	0	0	0	0.00147	0.002276	0	0	0.002276	0	0	0	0	0.02153	1.558185
3.34E-07	5.39E-06	7.96E-05	0.000366	0.00045	6.731993	0	0.027575	6.759567	0.00031	0	7.9E-07	0.000311	0.0004	0	5.98E-05	0.000459	0.001403	0	4.54E-06	0.001408	6.16E-05	7.76E-06	0.00012	0.001598	0.002048	0	4.97E-06	0.002053	6.16E-05	7.76E-06	0.00012	0.002243	0.108234	0	0.003161	0.111395	6.66E-05	0	2.73E-07	6.68E-05	0.000179	0.712788
0	2.127735	2.803711	6.485314	11.41676	98727.43	6867.39	0	105594.8	0.039456	0.169317	0	0.208773	15.55455	1.08196	0	16.63651	0.849479	3.645345	0	4.494824	0	0	0	0	4.494824	0.967068	4.149947	0	5.117015	0	0	0	0	5.117015	3.158673	53.85373	0	57.01241	0.93489	0.06503	0	0.99992	17.24195	9432.744
0	0	0.474016	0.599547	1.073563	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.002824	0.048735	0.192788	0.244347	1485.68	197.7288	0	1683.409	0.963045	0.451058	0	1.414103	0.302866	0.040308	0	0.343174	0.013906	0.006451	0	0.020358	0	0	0	0	0.020358	0.983025	0.460345	0	1.44337	0	0	0	0	1.44337	7.621041	1.694567	0	9.315609	0	0	0	0	1.138774	194.5764
0.052077	0.334178	4.413937	4.222595	8.97071	125691.6	0	3535.855	129227.4	0.569683	0	2.039691	2.609374	1.757672	0	1.662396	3.420069	1.641799	0	7.634821	9.27662	13.1066	2.384091	9.828385	34.59569	2.395709	0	8.359168	10.75488	13.1066	2.384091	9.828385	36.07395	269.6078	0	104.3934	374.0012	1.242589	0	0.034956	1.277545	23.13979	13626.87
0	0.000294	0.002578	0.00247	0.005342	59.16117	0	0	59.16117	7.32E-05	0	0	7.32E-05	0.009321	0	0	0.009321	0.001575	0	0	0.001575	0	0	0	0	0.001575	0.001793	0	0	0.001793	0	0	0	0	0.001793	0.05012	0	0	0.05012	0.000561	0	0	0.000561	0.000999	5.284844
0	0	0.626239	0.343883	0.970122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.00228	0.007758	0.209961	0.105971	0.32369	3067.059	0	154.0211	3221.08	0.009901	0	0.110076	0.119976	0.011968	0	0.052319	0.064287	0.03247	0	0.468566	0.501035	0.598124	0.109062	0.227717	1.435939	0.047379	0	0.513021	0.5604	0.598124	0.109062	0.227717	1.495304	4.945731	0	3.598603	8.544334	0.030321	0	0.001523	0.031844	0.448758	339.6589
0.004116	0.025217	0.306437	0.355656	0.687311	10083.36	0	300.7683	10384.13	0.042735	0	0.157717	0.200452	0.126776	0	0.129068	0.255844	0.125354	0	0.600816	0.72617	1.488659	0.240379	1.094434	3.549643	0.182917	0	0.657818	0.840735	1.488659	0.240379	1.094434	3.664207	20.08945	0	7.985153	28.0746	0.099684	0	0.002973	0.102658	1.596884	1094.993
0	1.98E-06	3.66E-06	4.22E-06	9.86E-06	0.157095	0	0	0.157095	3.2E-07	0	0	3.2E-07	2.48E-05	0	0	2.48E-05	6.89E-06	0	0	6.89E-06	0	0	0	0	6.89E-06	7.85E-06	0	0	7.85E-06	0	0	0	0	7.85E-06	7.37E-05	0	0	7.37E-05	1.49E-06	0	0	1.49E-06	1.42E-06	0.014033
0	0	0.010207	0.005612	0.015819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.4E-05	0.000283	0.007655	0.003877	0.011815	112.0435	0	6.694804	118.7383	0.000361	0	0.004144	0.004505	0.000432	0	0.001964	0.002396	0.001191	0	0.017704	0.018895	0.02444	0.004242	0.009135	0.056711	0.001738	0	0.019383	0.021121	0.02444	0.004242	0.009135	0.058938	0.180759	0	0.135891	0.31665	0.001108	0	6.62E-05	0.001174	0.016351	12.52081
0.0318	0.199416	2.547557	2.912887	5.65986	86975.28	0	2579.893	89555.18	0.441098	0	1.571221	2.012319	1.08156	0	1.189958	2.271518	1.330311	0	6.135411	7.465722	9.052264	1.553701	6.766369	24.83806	1.941187	0	6.717502	8.658689	9.052264	1.553701	6.766369	26.03102	183.9489	0	80.2212	264.1701	0.859839	0	0.025505	0.885344	13.33751	9443.481
0	0.005225	0.009779	0.011179	0.026183	310.7175	0	0	310.7175	0.000845	0	0	0.000845	0.048954	0	0	0.048954	0.018197	0	0	0.018197	0	0	0	0	0.018197	0.020717	0	0	0.020717	0	0	0	0	0.020717	0.191816	0	0	0.191816	0.002944	0	0	0.002944	0.003789	27.75627
0	0	0.074901	0.041162	0.116063	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000791	0.002649	0.070993	0.035915	0.109557	1038.663	0	65.40373	1104.067	0.003338	0	0.038608	0.041946	0.004003	0	0.01828	0.022283	0.011013	0	0.165011	0.176025	0.213009	0.038205	0.079988	0.507227	0.016071	0	0.180667	0.196737	0.213009	0.038205	0.079988	0.52794	1.675396	0	1.267218	2.942614	0.010268	0	0.000647	0.010915	0.151789	116.4225
0.000478	0.014336	0.094279	0.919218	1.027833	7332.783	35.41433	115.8835	7484.081	0.00961	0.027175	0.091938	0.128724	0.017697	0.000803	0.188117	0.206617	0.031402	0.090697	0.396368	0.518466	0.723379	0.095201	0.984119	2.321165	0.045822	0.132345	0.433973	0.612139	0.723379	0.095201	0.984119	2.414837	6.737604	1.25673	16.32722	24.32155	0.072492	0.00035	0.001146	0.073988	0.530318	789.187
0	0.123749	0.098067	0.637434	0.85925	4321.921	27.39292	0	4349.314	0.02375	0.001219	0	0.024969	0.68092	0.004316	0	0.685236	0.511319	0.026249	0	0.537568	0	0	0	0	0.537568	0.582103	0.029883	0	0.611986	0	0	0	0	0.611986	1.175608	0.217564	0	1.393172	0.040952	0.00026	0	0.041212	1.789618	388.5225
0	0	0.155243	0.756807	0.91205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.14E-05	0.001758	0.011569	0.131599	0.144926	998.996	5.191734	14.52398	1018.712	0.001044	0.002985	0.010155	0.014184	0.003053	8.89E-05	0.02065	0.023792	0.003342	0.009807	0.043089	0.056238	0.099795	0.012706	0.135354	0.304094	0.004877	0.01431	0.047177	0.066364	0.099795	0.012706	0.135354	0.31422	0.832875	0.160202	2.09262	3.085697	0.009876	5.13E-05	0.000144	0.010071	0.065076	107.4219
0	0.075333	0.046658	0.353824	0.475815	2410.116	22.5991	0	2432.715	0.014197	0.000614	0	0.014811	0.379715	0.00356	0	0.383275	0.30566	0.013212	0	0.318872	0	0	0	0	0.318872	0.347974	0.015041	0	0.363015	0	0	0	0	0.363015	0.717694	0.109507	0	0.827201	0.022837	0.000214	0	0.023051	0.839061	217.3135
0	0	0.03894	0.221471	0.260411	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005933	0.016425	0.018091	0.054273	0.08879	851.978	0	57.18049	909.1585	0.622159	0	0.199987	0.822146	0.158758	0	0.006396	0.165154	3.686115	0	1.374446	5.060561	2.927705	5.914473	6.343728	20.24647	4.622605	0	1.497304	6.119909	2.927705	5.914473	6.343728	21.30582	44.59652	0	12.37765	56.97416	0.008423	0	0.000565	0.008988	0.041573	95.86963
0.018472	0.113087	1.433147	1.661587	3.207821	59254.92	0	1810.972	61065.89	0.255014	0	0.923984	1.178999	0.619657	0	0.706507	1.326165	0.774147	0	3.638178	4.412325	5.878301	0.978113	4.358184	15.62692	1.129633	0	3.983347	5.11298	5.878301	0.978113	4.358184	16.32758	106.7343	0	47.07517	153.8095	0.585612	0	0.017903	0.603515	7.493243	6437.363
0	0.001859	0.015631	0.01816	0.03565	646.54	0	0	646.54	0.000477	0	0	0.000477	0.101863	0	0	0.101863	0.010262	0	0	0.010262	0	0	0	0	0.010262	0.011682	0	0	0.011682	0	0	0	0	0.011682	0.331398	0	0	0.331398	0.006126	0	0	0.006126	0.006057	57.75516

0	0	0.067948	0.037387	0.105335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.000511	0.001665	0.043846	0.022195	0.067706	641.2821	0	50.75101	692.0331	0.002053	0	0.024505	0.026557	0.002454	0	0.011555	0.014009	0.006796	0	0.105182	0.111978	0.147922	0.025544	0.056185	0.34163	0.009917	0	0.115161	0.125078	0.147922	0.025544	0.056185	0.35473	1.0344	0	0.807705	1.842105	0.00634	0	0.000502	0.006841	0.093767	72.97403
1.88E-06	0.000684	0.006388	0.023414	0.030485	985.9321	0	0.145667	986.0778	0.001325	0	0.000164	0.001489	0.009254	0	0.000194	0.009448	0.003671	0	0.00055	0.004221	0.095578	0.013393	0.000544	0.113736	0.005357	0	0.000602	0.005959	0.095578	0.013393	0.000544	0.115474	0.074286	0	0.010199	0.084485	0.009747	0	1.44E-06	0.009748	0.023953	103.9807
0	0.005371	0.00485	0.013276	0.023498	317.8446	0	0	317.8446	0.000809	0	0	0.000809	0.050077	0	0	0.050077	0.017414	0	0	0.017414	0	0	0	0.017414	0.019824	0	0	0.019824	0	0	0	0.019824	0.050026	0	0	0.050026	0.003012	0	0	0.003012	0.065908	28.39293
0.000236	0.001711	0.013764	0.050428	0.065903	1670.705	10.63879	16.76053	1698.104	0.002793	0.006294	0.017109	0.026195	0.007551	0.000127	0.017014	0.024691	0.010369	0.023626	0.083741	0.117736	0.052456	0.006488	0.101706	0.278386	0.01513	0.034474	0.091686	0.141291	0.052456	0.006488	0.101706	0.301941	0.176547	0.34371	1.404143	1.9244	0.016517	0.000105	0.000166	0.016787	0.051615	179.063
0	0.0415	0.135022	0.496015	0.672537	10963.93	477.5331	0	11441.46	0.002883	0.002118	0	0.005001	1.727371	0.075236	0	1.802607	0.06207	0.045597	0	0.107667	0	0	0	0.107667	0.070662	0.051909	0	0.12257	0	0	0	0.12257	0.445472	1.927756	0	2.373229	0.103822	0.004522	0	0.108344	2.474589	1022.061
0	0	0.158434	0.29184	0.450273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000331	0.001953	0.007215	0.009499	139.4637	21.32034	0	160.7841	0.109026	0.058335	0	0.16736	0.028431	0.004346	0	0.032777	0.001558	0.000833	0	0.002391	0	0	0	0.002391	0.111269	0.059535	0	0.170804	0	0	0	0.170804	0.392225	0.181731	0	0.573956	0	0	0	0	0.17251	18.58419
3.06E-05	0.000244	0.002163	0.007975	0.010383	265.9194	1.779729	2.720527	270.4197	0.000285	0.001025	0.00288	0.00419	0.002641	2.45E-05	0.002453	0.005119	0.001038	0.003933	0.014647	0.019617	0.018698	0.002774	0.021229	0.062317	0.001515	0.005739	0.016036	0.02329	0.018698	0.002774	0.021229	0.06599	0.028233	0.030393	0.233108	0.291734	0.002629	1.76E-05	2.69E-05	0.002673	0.008112	28.51541
0	0.009319	0.010596	0.055155	0.07507	1060.844	28.82814	0	1089.672	0.00048	0.000543	0	0.001024	0.167136	0.004542	0	0.171678	0.010342	0.011699	0	0.022042	0	0	0	0.022042	0.011774	0.013319	0	0.025093	0	0	0	0.025093	0.060246	0.187419	0	0.247666	0.010046	0.000273	0	0.010319	0.193657	97.33999
0	0	0.0029	0.005344	0.008243	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	8.83E-05	0.000729	0.002705	0.003523	49.54079	1.386918	0	50.9277	0.040945	0.004426	0	0.045371	0.010099	0.000283	0	0.010382	0.000585	6.32E-05	0	0.000648	0	0	0	0.000648	0.041788	0.004517	0	0.046304	0	0	0	0.046304	0.160584	0.011733	0	0.172317	0	0	0	0	0.064426	5.886466
1.03E-05	0.000225	0.001156	0.006627	0.008008	106.3975	6.668733	0.560929	113.6272	0.000306	0.007309	0.000793	0.008408	0.001217	0.000189	0.000534	0.00194	0.001305	0.031252	0.004359	0.036916	0.010784	0.001192	0.007937	0.05683	0.001904	0.045603	0.004773	0.05228	0.010784	0.001192	0.007937	0.072194	0.02696	0.241526	0.085592	0.354078	0.001052	6.59E-05	5.55E-06	0.001123	0.006505	11.98185
0	0.000627	0.002375	0.008966	0.011967	205.535	17.14219	0	222.6772	6.15E-05	7.34E-05	0	0.000135	0.032382	0.002701	0	0.035083	0.001324	0.00158	0	0.002904	0	0	0	0.002904	0.001508	0.001798	0	0.003306	0	0	0	0.003306	0.010475	0.066886	0	0.077361	0.001946	0.000162	0	0.002109	0.043534	19.89167
0	0	0.00491	0.010382	0.015292	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000389	0.000891	0.003442	0.004722	98.96119	15.26427	0	114.2255	0.216622	0.041037	0	0.257659	0.020174	0.003112	0	0.023286	0.003095	0.000586	0	0.003681	0	0	0	0.003681	0.221079	0.041881	0	0.26296	0	0	0	0.26296	0.594155	0.13061	0	0.724765	0	0	0	0	0.078677	13.20272
1.33E-06	0.000256	0.001733	0.019709	0.021697	147.4184	0	0.316135	147.7345	0.000193	0	0.00026	0.000453	0.000697	0	0.000454	0.001151	0.000494	0	0.000859	0.001352	0.00086	0.000232	0.000896	0.00334	0.00072	0	0.00094	0.001661	0.00086	0.000232	0.000896	0.003648	0.11581	0	0.054046	0.169856	0.001457	0	3.13E-06	0.001461	0.009746	15.57842
0	7.49E-05	4.87E-05	0.000369	0.000493	2.684784	0	0	2.684784	1.91E-05	0	0	1.91E-05	0.000423	0	0	0.000423	0.000411	0	0	0.000411	0	0	0	0.000411	0.000467	0	0	0.000467	0	0	0	0.000467	0.000974	0	0	0.000974	2.54E-05	0	0	2.54E-05	0.000893	0.239831
0	0	0.070859	0.123568	0.194428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0.000228	0.000272	0.002062	0.002562	13.74052	0	0	13.74052	5.96E-05	0	0	5.96E-05	0.002801	0	0	0.002801	0.001283	0	0	0.001283	0	0	0	0.001283	0.00146	0	0	0.00146	0	0	0	0.00146	0.002157	0	0	0.002157	0	0	0	0	0.021981	1.588195

Model Output: OFFROAD2021 (v1.0.3) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower B	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consu	Total_Activ	Total_Popu	Horsepower_Hours_hhpy
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.07761	0.093909	0.111759	0.460286	1.132357	74.47712	0.047989	0.04415	0.006188	0.000608	2416328	420068.8	1265.819	92847821
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.320869	0.388251	0.462051	2.607886	4.116558	176.3284	0.213555	0.196471	0.014613	0.001439	5720781	1659298	3812.204	3.83E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.697907	0.844467	1.004986	5.523112	9.004673	436.1535	0.464122	0.426992	0.036172	0.00356	14150521	2996601	7022.222	6.38E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.945008	1.14346	1.360812	5.053674	12.00584	784.1666	0.563342	0.518275	0.065117	0.0064	25441422	8122057	13656.1	1.28E+09
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.505521	0.61168	0.72795	3.070142	6.46099	294.8717	0.344064	0.316539	0.024446	0.002407	9566787	2400280	4415.618	4.5E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.004238	0.005097	0.006092	0.01203	0.017071	2.57E-05	0.001362	0.001029	3.13E-06	3.12E-07	1239.605	0	87.90519	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.004211	0.005065	0.006053	0.013861	0.024434	2.9E-05	0.001857	0.001403	3.36E-06	3.34E-07	1329.017	0	556.03	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.004297	0.005122	0.006187	0.012912	0.012519	0.838582	0.001366	0.001224	9.84E-05	7.22E-06	28702.15	19866.95	50.65144	655609.4
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.000478	0.000575	0.000688	0.00132	0.001803	2.82E-06	0.000145	0.00011	3.49E-07	3.47E-08	138.0259	0	23.20976	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.003116	0.003748	0.00448	0.008784	0.012792	2.04E-05	0.000995	0.000752	2.3E-06	2.28E-07	908.4899	0	36.88	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.007638	0.009187	0.01098	0.026625	0.046948	5.95E-05	0.003499	0.002643	6.29E-06	6.25E-07	2486.401	0	340.4002	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.000893	0.001074	0.001283	0.002463	0.003362	5.26E-06	0.000269	0.000204	6.51E-07	6.47E-08	257.5132	0	14.27	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.001519	0.001827	0.002183	0.004213	0.005848	9.18E-06	0.000467	0.000353	1.11E-06	1.1E-07	439.225	0	36.45254	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.002585	0.003109	0.003715	0.009236	0.017083	2.01E-05	0.001278	0.000966	2.16E-06	2.14E-07	852.9101	0	321.99	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.019996	0.02405	0.028744	0.063468	0.103311	0.00014	0.007911	0.005977	1.57E-05	1.56E-06	6191.21	0	994.5975	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.000549	0.00066	0.000789	0.001525	0.002136	3.35E-06	0.000171	0.000129	4.02E-07	3.99E-08	158.8658	0	8.604266	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.036087	0.043385	0.05188	0.138176	0.244961	0.370984	0.01772	0.013471	7.34E-05	6.08E-06	24190.92	7018.95	2828.193	259701.2
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.183914	0.221208	0.264379	0.510652	0.710019	0.001118	0.05625	0.0425	0.000135	1.34E-05	53215.89	0	4037.732	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.016199	0.019484	0.023287	0.044736	0.061265	9.58E-05	0.004927	0.003723	1.18E-05	1.17E-06	4674.877	0	266.4917	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.019672	0.023661	0.028279	0.058793	0.08975	0.000135	0.006878	0.005197	1.49E-05	1.48E-06	5905.169	0	457.4707	0
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.292306	0.35369	0.420921	1.712616	2.877981	165.6389	0.165177	0.151963	0.01373	0.001352	5373972	1902924	3106.786	2.35E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	1.432076	1.732812	2.06219	13.79477	19.75005	995.559	0.926745	0.852606	0.082609	0.008126	32299815	4050019	3251.802	1.63E+09
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.350503	0.424109	0.504725	2.47705	4.236792	222.1023	0.21814	0.200689	0.018421	0.001813	7205865	1935543	4703.193	3.33E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.071769	0.086841	0.103348	0.357019	0.883989	52.30395	0.045891	0.04222	0.004341	0.000427	1696944	608609.3	1670.143	78821433
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.045091	0.05456	0.064931	0.249338	0.528567	30.4406	0.028253	0.025993	0.002526	0.000248	987611.8	406238.2	946.2917	53455047
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.247929	0.299994	0.357018	1.121715	2.238057	135.6266	0.138639	0.127548	0.01124	0.001107	4400256	2758120	8698.51	2.21E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.207626	0.251227	0.298981	1.000289	2.178813	147.2603	0.150206	0.138189	0.01222	0.001202	4777699	2282668	8771.018	2.29E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.167348	0.202491	0.240981	1.761565	2.087675	86.83739	0.11142	0.102506	0.007194	0.000709	2817343	550478.8	775.4676	1.37E+09
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	1.905909	2.30615	2.744509	14.18684	24.48054	1197.714	1.288236	1.185177	0.099333	0.009776	38858512	10284676	11367.79	2.08E+09
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	1.231253	1.489816	1.773004	13.39917	16.90123	779.508	0.807079	0.742512	0.064651	0.006362	25290280	2757446	6384.397	1.01E+09
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.235732	0.285236	0.339455	1.055714	2.034382	142.7984	0.156918	0.144365	0.011841	0.001166	4632937	3651241	11373.94	2.39E+08
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.018227	0.022055	0.026247	0.1132	0.266081	16.40925	0.011115	0.010226	0.001363	0.000134	532379.9	129506.4	522.3039	34098270
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	1.88648	2.282641	2.716532	8.92637	19.45971	1094.038	1.310448	1.205612	0.090695	0.008929	35494855	18925157	34303.69	1.85E+09
Statewide	2000	Construction and Mini	Aggregate	Aggregate	Diesel	0.089641	0.108466	0.129084	0.388673	0.694074	45.08143	0.045551	0.041907	0.003734	0.000368	1462617	689103.5	2060.95	54172752
Statewide	2000	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.120666	0.146006	0.173759	0.520974	0.911739	69.38271	0.070685	0.06503	0.00573	0.000566	2251046	2167297	7729.512	1.36E+08
Statewide	2000	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.611371	0.739759	0.880374	2.674289	5.931071	291.9599	0.414098	0.38097	0.024084	0.002383	9472318	10131860	14497.45	9.07E+08
Statewide	2000	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.01293	0.015552	0.018587	0.052911	0.079747	0.000114	0.004902	0.003704	1.17E-05	1.16E-06	4608.858	0	1180.026	0
Statewide	2000	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.011125	0.01338	0.015992	0.056109	0.086373	0.000132	0.005063	0.003825	1.14E-05	1.13E-06	4505.569	0	341.3333	0
Statewide	2000	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.004553	0.005476	0.006545	0.022819	0.035622	5.25E-05	0.002045	0.001545	4.64E-06	4.62E-07	1836.56	0	217.1159	0
Statewide	2000	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.286163	0.346257	0.412075	1.429123	2.34241	140.99	0.150522	0.13848	0.011633	0.001151	4574265	2858355	3691.377	2.52E+08
Statewide	2000	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.130925	0.158419	0.188532	0.905747	1.592616	82.66279	0.087284	0.080302	0.00683	0.000675	2681903	781272.3	1110.364	1.31E+08
Statewide	2000	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.118133	0.140665	0.170097	0.353677	0.306061	25.18884	0.036147	0.033855	0.002873	0.000218	868257	759054	1084.913	28084998
Statewide	2000	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.358887	0.428721	0.516481	1.183875	1.453285	118.338	0.114138	0.11959	0.012032	0.001003	3990254	1527897	13330.43	50420611
Statewide	2000	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001623	0.00194	0.002335	0.005592	0.00787	0.612361	0.000547	0.00059	6.15E-05	5.06E-06	20132.28	15264.3	397.0479	580043.4
Statewide	2000	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.22001	0.262808	0.316624	0.680045	0.823518	65.35391	0.069684	0.073119	0.006719	0.000556	2209980	797525	6941.191	29508425
Statewide	2000	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.546094	0.650786	0.786201	1.650155	1.592356	130.8378	0.169088	0.163111	0.014473	0.001127	4478788	2992956	7906.851	1.38E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.081408	0.098503	0.117227	0.480016	1.192419	79.33369	0.050501	0.046461	0.006589	0.000648	2573894	447004.7	1318.171	98800667
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.327309	0.396043	0.471324	2.654426	4.239311	187.6726	0.217237	0.199858	0.015551	0.001532	6088832	1765751	3969.87	4.08E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.705177	0.853264	1.015455	5.394251	9.169578	463.558	0.468571	0.431086	0.038439	0.003783	15039628	3188659	7312.649	6.78E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.979907	1.185688	1.411066	5.001277	12.45128	834.5046	0.58149	0.534971	0.069276	0.006811	27074582	8643762	14220.89	1.36E+09
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.516416	0.624863	0.743639	3.116596	6.654926	313.7682	0.350716	0.322658	0.026007	0.002561	10179864	2554041	4598.241	4.79E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.003839	0.004618	0.005519	0.011175	0.01644	2.56E-05	0.00126	0.000952	2.88E-06	2.86E-07	1137.21	0	87.85563	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.003955	0.004757	0.005686	0.013479	0.023639	2.96E-05	0.001763	0.001332	3.22E-06	3.2E-07	1271.829	0	566.74	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.004251	0.005067	0.00612	0.012859	0.012578	0.855004	0.001364	0.001224	0.0001	7.34E-06	29195.09	20253.85	51.94073	668377.1
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.000453	0.000545	0.000651	0.001269	0.001814	2.88E-06	0.000141	0.000106	3.33E-07	3.31E-08	131.6227	0	23.74577	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.002596	0.003122	0.003732	0.007669	0.012538	2.08E-05	0.00088	0.000665	1.96E-06	1.95E-07	774.8123	0	37.64	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.006323	0.007606	0.00909	0.024361	0.042085	6.08E-05	0.002923	0.002209	5.5E-06	5.47E-07	2176.911	0	347.8	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.000844	0.001015	0.001213	0.002363	0.003363	5.34E-06	0.000261	0.000197	6.2E-07	6.16E-08	245.184	0	14.49	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.001386	0.001667	0.001992	0.003935	0.005829	9.37E-06	0.000441	0.000333	1.03E-06	1.02E-07	405.4829	0	37.20946	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.002245	0.0027	0.003227	0.008688	0.015653	2.04E-05	0.001119	0.000845	1.96E-06	1.95E-07	774.752	0	328.25	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.017169	0.020651	0.024681	0.058144	0.095592	0.000142	0.006873	0.005193	1.39E-05	1.38E-06	5502.598	0	1010.772	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.000442	0.000531	0.000635	0.001268	0.001935	3.14E-06	0.000144	0.000109	3.29E-07	3.27E-08	129.9105	0	8.043752	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.026257	0.031562	0.037749	0.121206	0.202068	0.378249	0.013036	0.009932	6.84E-05	5.56E-06	22120.87	7186.85	2883.702	265913.5
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.165557	0.199129	0.237991	0.472099	0.705661	0.001141	0.052497	0.039665	0.000123	1.22E-05	48541.1	0	4121.579	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.015142	0.018212	0.021766	0.04256	0.06131	9.76E-05	0.00474	0.003582	1.11E-05	1.11E-06	4407.821	0	271.5612	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.015242	0.018333	0.021911	0.049108	0.080873	0.000133	0.005562	0.004202	1.2E-05	1.2E-06	4757.34	0	451.9606	0
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.302578	0.36612	0.435713	1.713626	2.982936	176.2665	0.170957	0.15728	0.014607	0.001439	5718773	2024915	3235.278	2.5E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	1.40777	1.703401	2.027188	12.11942	19.86525	1060.054	0.903139	0.830888	0.087956	0.008652	34392277	4309560	3386.292	1.74E+09
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.359929	0.435514	0.518297	2.506869	4.368852	236.268	0.224305	0.206361	0.019591	0.001928	7665456	2059566	4897.709	3.55E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.075217	0.091012	0.108312	0.372631	0.920554	55.6742	0.048357	0.044488	0.004619	0.000454	1806288	647581.9	1739.218	83870799

Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.047054	0.056936	0.067758	0.255495	0.550324	32.38968	0.029607	0.027239	0.002686	0.000264	1050848	432264.9	985.4288	56903055
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.260425	0.315115	0.375013	1.174934	2.333221	144.3148	0.146458	0.134741	0.011956	0.001178	4682134	2934870	9058.266	2.36E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.221925	0.26853	0.319573	1.066367	2.29901	156.7162	0.162008	0.149047	0.012999	0.001279	5084484	2427850	9133.773	2.44E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.171912	0.208013	0.247553	1.800011	2.15807	92.47571	0.11448	0.105321	0.00766	0.000755	3000273	585764.7	807.5397	1.46E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	1.923992	2.32803	2.770548	13.74864	25.02562	1275.613	1.299928	1.195934	0.105779	0.010411	41385847	10943571	11837.94	2.22E+09
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	1.261038	1.525856	1.815894	13.52549	17.45566	829.2312	0.825588	0.759541	0.068761	0.006768	26903493	2934068	6648.445	1.08E+09
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.250567	0.303186	0.360817	1.121596	2.116733	151.9852	0.168907	0.155394	0.012598	0.00124	4930991	3885424	11844.34	2.54E+08
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.018734	0.022668	0.026977	0.112825	0.276126	17.46387	0.011451	0.010535	0.00145	0.000143	566596.1	137819.4	543.9055	36330995
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	1.979708	2.395447	2.850779	9.300333	20.23431	1164.332	1.389507	1.278347	0.096491	0.009503	37775465	20138759	35722.43	1.97E+09
Statewide	2001	Construction and Mini	Aggregate	Aggregate	Diesel	0.094484	0.114326	0.136058	0.406403	0.724549	47.95546	0.047974	0.044136	0.003971	0.000391	1555862	733209.7	2146.187	57642455
Statewide	2001	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.124103	0.150165	0.178709	0.539871	0.919584	73.83593	0.074985	0.068986	0.006111	0.000603	2395525	2306401	8049.935	1.45E+08
Statewide	2001	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.635059	0.768421	0.914485	2.784044	6.139362	310.6989	0.434636	0.399865	0.025683	0.002536	10080284	10782157	15098.43	9.65E+08
Statewide	2001	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.012111	0.014566	0.017409	0.049902	0.077117	0.000114	0.004704	0.003554	1.1E-05	1.09E-06	4334.523	0	1190.312	0
Statewide	2001	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.010074	0.012116	0.014481	0.048075	0.080636	0.000134	0.004675	0.003532	9.97E-06	9.91E-07	3941.204	0	346.0786	0
Statewide	2001	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.004038	0.004857	0.005805	0.019745	0.032227	5.26E-05	0.001888	0.001427	4.06E-06	4.03E-07	1603.963	0	217.1481	0
Statewide	2001	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.300547	0.363662	0.432788	1.473962	2.441921	150.0392	0.157943	0.145307	0.012404	0.001225	4867857	3041814	3844.401	2.68E+08
Statewide	2001	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.133603	0.16166	0.192389	0.877074	1.62745	87.96837	0.089534	0.082372	0.007284	0.000718	2854037	831417.1	1156.394	1.39E+08
Statewide	2001	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.11774	0.140194	0.169531	0.353394	0.305833	25.49399	0.036213	0.033902	0.002908	0.000221	878196.4	768284.9	1098.113	28426539
Statewide	2001	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.353739	0.422535	0.50908	1.174956	1.447377	119.7722	0.113517	0.118683	0.012174	0.001015	4035757	1546363	13492.03	51029967
Statewide	2001	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001597	0.001909	0.002298	0.005553	0.007811	0.61972	0.000543	0.000584	6.22E-05	5.12E-06	20343.24	15454.1	401.8276	587255.8
Statewide	2001	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.217273	0.259518	0.312688	0.675961	0.819508	66.14564	0.06932	0.072585	0.006798	0.000562	2235139	807292.4	7025.144	29869819
Statewide	2001	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.542946	0.64701	0.781674	1.646303	1.589447	132.4213	0.169096	0.162955	0.014646	0.001139	4530006	3029255	8002.386	1.39E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.078505	0.094991	0.113047	0.457426	1.163221	78.8853	0.048907	0.044994	0.006537	0.000644	2559347	443561.5	1311.569	98089574
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.305121	0.369196	0.439374	2.454861	4.014365	186.2592	0.201789	0.185646	0.015403	0.00152	6042975	1752094	3949.987	4.05E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.649566	0.785974	0.935375	4.68975	8.572985	460.153	0.431412	0.396899	0.038082	0.003756	14929157	3164132	7276.024	6.73E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.937902	1.134861	1.350578	4.610146	11.98551	827.9548	0.554774	0.510392	0.068583	0.006758	26862081	8577163	14149.66	1.35E+09
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.480267	0.581123	0.691585	2.886477	6.273522	311.4	0.324427	0.298473	0.02576	0.002542	10103031	2534477	4575.211	4.75E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.003444	0.004143	0.004951	0.010324	0.015827	2.56E-05	0.001157	0.000874	2.62E-06	2.6E-07	1035.534	0	87.77215	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.0037	0.00445	0.005319	0.0131	0.022823	3.02E-05	0.00166	0.001254	3.07E-06	3.05E-07	1214.855	0	577.7199	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.004205	0.00501	0.006054	0.012805	0.012622	0.871422	0.001361	0.001224	0.000102	7.48E-06	29741.48	20691.85	53.06525	682831.1
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.000427	0.000514	0.000614	0.001219	0.001826	2.95E-06	0.000137	0.000103	3.17E-07	3.15E-08	125.3146	0	24.27832	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.002099	0.002524	0.003017	0.0066	0.012271	2.11E-05	0.000769	0.000581	1.64E-06	1.63E-07	646.9155	0	38.29	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.00515	0.006195	0.007404	0.022376	0.037876	6.21E-05	0.002415	0.001825	4.81E-06	4.78E-07	1902.62	0	355.5849	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.000798	0.00096	0.001147	0.00227	0.003371	5.43E-06	0.000253	0.000191	5.91E-07	5.87E-08	233.6678	0	14.74	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.001248	0.001501	0.001795	0.003645	0.005787	9.53E-06	0.000412	0.000312	9.37E-07	9.31E-08	370.3878	0	37.83001	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.001922	0.002312	0.002763	0.008172	0.014298	2.08E-05	0.000966	0.00073	1.77E-06	1.76E-07	700.8188	0	334.53	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.014494	0.017434	0.020836	0.053079	0.088545	0.000144	0.005907	0.004463	1.23E-05	1.22E-06	4849.46	0	1026.076	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.000345	0.000415	0.000496	0.001038	0.001764	2.96E-06	0.000119	9.02E-05	2.63E-07	2.61E-08	103.9047	0	7.599763	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.024269	0.02917	0.034891	0.118862	0.194703	0.385513	0.012101	0.009226	6.82E-05	5.53E-06	21983.27	7332.85	2939.055	271315.5
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.147685	0.177633	0.2123	0.4348	0.702534	0.001166	0.048821	0.036887	0.000111	1.11E-05	44001.84	0	4212.45	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.013991	0.016828	0.020112	0.040177	0.061273	9.95E-05	0.004532	0.003424	1.04E-05	1.03E-06	4116.497	0	276.6273	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.011494	0.013825	0.016523	0.040843	0.076147	0.000132	0.00461	0.003483	9.57E-06	9.51E-07	3782.629	0	451.2779	0
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.29104	0.352159	0.419098	1.597256	2.883388	174.834	0.165041	0.151838	0.014457	0.001427	5672296	2009322	3219.074	2.48E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	1.333926	1.614051	1.920854	10.99212	19.13789	1051.63	0.852021	0.78386	0.087072	0.008583	34118976	4276342	3369.332	1.72E+09
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.338072	0.409067	0.486824	2.285462	4.141539	234.3779	0.210919	0.194045	0.019395	0.001913	7604133	2043716	4873.179	3.52E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.071993	0.087111	0.103669	0.34978	0.879438	55.21801	0.046554	0.04283	0.004571	0.000451	1791488	642621.6	1730.507	83245941
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.045364	0.05489	0.065324	0.242083	0.530448	32.14137	0.028676	0.026382	0.00266	0.000262	1042791	428903.1	980.4933	56470377
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.253124	0.306281	0.364499	1.140344	2.24262	143.2322	0.143422	0.131948	0.01184	0.001169	4647012	2912296	9012.898	2.34E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.220443	0.266736	0.317438	1.057851	2.249157	155.5243	0.162631	0.149621	0.012871	0.001269	5045814	2409287	9088.027	2.42E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.157641	0.190746	0.227003	1.572872	2.006331	91.83601	0.104774	0.096392	0.007593	0.00075	2979518	581257	803.4952	1.45E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	1.795363	2.172389	2.585323	12.18671	23.72714	1267.027	1.213615	1.116526	0.104856	0.010341	41107304	10859644	11778.65	2.2E+09
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	1.193436	1.444057	1.718547	12.58749	16.71922	822.734	0.779717	0.717339	0.06808	0.006715	26692698	2911616	6615.146	1.07E+09
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.247817	0.299858	0.356856	1.109598	2.054194	150.8082	0.169339	0.155792	0.012471	0.001231	4892807	3854224	11785.02	2.52E+08
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.017607	0.021305	0.025355	0.104527	0.263487	17.28862	0.010771	0.00991	0.001433	0.000141	560910.1	136750.4	541.1814	35985210
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	1.934887	2.341213	2.786237	9.021089	19.57744	1154.953	1.37238	1.262589	0.0955	0.009427	37471191	19983500	35543.52	1.95E+09
Statewide	2002	Construction and Mini	Aggregate	Aggregate	Diesel	0.092389	0.11179	0.13304	0.39441	0.703853	47.56747	0.047038	0.043275	0.00393	0.000388	1543274	727575.7	2135.438	57163765
Statewide	2002	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.120516	0.145825	0.173544	0.526603	0.877802	73.26586	0.074583	0.068617	0.006062	0.000598	2377030	2288594	8009.356	1.44E+08
Statewide	2002	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.61178	0.740254	0.880963	2.691179	5.882248	308.3001	0.42374	0.389841	0.025479	0.002516	10002456	10698910	15022.32	9.58E+08
Statewide	2002	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.011406	0.013719	0.016397	0.047	0.074516	0.000115	0.004527	0.00342	1.03E-05	1.03E-06	4082.692	0	1197.726	0
Statewide	2002	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.009393	0.011298	0.013503	0.0417	0.077634	0.000135	0.00435	0.003287	8.89E-06	8.84E-07	3516.009	0	347.5473	0
Statewide	2002	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00363	0.004366	0.005218	0.016786	0.029858	5.15E-05	0.001713	0.001294	3.52E-06	3.5E-07	1392.883	0	212.1993	0
Statewide	2002	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.290555	0.351571	0.418399	1.364918	2.353161	148.8808	0.152688	0.140473	0.012305	0.001215	4830274	3018329	3825.022	2.66E+08
Statewide	2002	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.127107	0.153799	0.183034	0.793964	1.553093	87.28918	0.085289	0.078465	0.007226	0.000712	2832001	824997.9	1150.564	1.38E+08
Statewide	2002	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.117371	0.139753	0.169001	0.353181	0.305709	25.79831	0.036288	0.033959	0.002943	0.000223	888090.3	777336.9	1111.103	28761463
Statewide	2002	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.348743	0.416531	0.501897	1.166276	1.441747	121.1961	0.112929	0.117814	0.012315	0.001026	4081084	1564813	13652.34	51638842
Statewide	2002	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001572	0.00188	0.002263	0.005516	0.007754	0.627022	0.000539	0.000578	6.29E-05	5.16E-06	20538.57	15684.05	406.5872	595993.9
Statewide	2002	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.214589	0.256294	0.30883	0.671989	0.815646	66.93014	0.068969	0.072065	0.006877	0.000568	2260184	816837.2	7108.578	30222975
Statewide	2002	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.539902	0.643358	0.777297	1.642725	1.586922	133.9956	0.169141	0.162835	0.014819	0.001152	4580910	3065255	8097.542	1.41E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.078668	0.095189	0.113283	0.460926	1.175754	81.17297	0.049349	0.045401	0.006727	0.000663	2633568	456381	1336.1	1.01E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.289691	0.350526	0.417154	2.245832	3.893445	191.659	0.190613	0.175364	0.015856	0.001564	6218165	1802772	4023.865	4.17E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.62362	0.75458	0.898012	4.317809	8.373909	472.938	0.414955	0.381759	0.03915	0.00386	15343953	3255672	7412.109	6.92E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.920787	1.114152	1.325933	4.426439	11.90784	852.3447	0.546886	0.503135	0.070613	0.006957	27653385	8825240	14414.31	1.39E+09
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.455203	0.550796	0.655492	2.746502	6.074767	320.3173	0.305851	0.281383	0.026507	0.002614	10392342	2607759	4660.782	4.9E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.003047	0.003665	0.004381	0.00945	0.015348	2.55E-05	0.001063	0.000803	2.36E-06	2.34E-07	932.3654	0	87.54844	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.003446	0.004145	0.004954	0.012725	0.021999	3.07E-05	0.001555	0.001175	2.93E-06	2.91E-07	1158.177	0	588.6599	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.004159	0.004955	0.005988	0.012751	0.012681	0.887841	0.001358	0.001224	0.000104	7.62E-06	30296.47	21067.8	54.18821	695237.4
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.000399	0.00048	0.000574	0.001162	0.001832	3.01E-06	0.000132	9.95E-05	2.99E-07	2.97E-08	118.214	0	24.77097	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.001663	0.002	0.002391	0.005671	0.012078	2.15E-05	0.000672	0.000508	1.35E-06	1.35E-07	535.2179	0	39.01	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.004818	0.005795	0.006926	0.021996	0.037372	6.36E-05	0.002301	0.001738	4.64E-06	4.61E-07	1834.217	0	363.9634	0

Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.000755	0.000908	0.001085	0.002183	0.003385	5.53E-06	0.000246	0.000186	5.64E-07	5.6E-08	222.886	0	15.01	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.00112	0.001347	0.00161	0.003376	0.005756	9.69E-06	0.000386	0.000292	8.54E-07	8.49E-08	337.7241	0	38.46748	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.00164	0.001972	0.002357	0.007732	0.013125	2.12E-05	0.000832	0.000629	1.61E-06	1.6E-07	636.7887	0	340.83	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.012853	0.015459	0.018476	0.049917	0.086263	0.000146	0.00544	0.00411	1.12E-05	1.12E-06	4445.995	0	1040.808	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.000282	0.00034	0.000406	0.000898	0.001703	2.95E-06	0.000105	7.92E-05	2.21E-07	2.2E-08	87.51196	0	7.568538	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.024133	0.029007	0.034696	0.119976	0.195735	0.392776	0.012051	0.00919	6.91E-05	5.6E-06	22284.42	7471.55	2994.385	276447.4
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.131256	0.157872	0.188682	0.400619	0.700216	0.00119	0.045452	0.034342	0.000101	1E-05	39834.47	0	4300.167	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.012813	0.015411	0.018419	0.037737	0.06117	0.000101	0.004295	0.003245	9.66E-06	9.6E-07	3818.289	0	281.7759	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.009633	0.011586	0.013847	0.036862	0.074773	0.000133	0.00418	0.003158	8.36E-06	8.31E-07	3304.917	0	456.0421	0
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.288348	0.348902	0.415222	1.512081	2.859186	179.7961	0.163762	0.150661	0.01487	0.001467	5833286	2067450	3279.281	2.56E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	1.308588	1.583392	1.884367	10.38427	19.09532	1081.544	0.833309	0.766644	0.089563	0.008827	35089500	4400035	3432.349	1.77E+09
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.331349	0.400933	0.477143	2.186301	4.091058	241.0843	0.207413	0.19082	0.019954	0.001968	7821715	2102858	4964.323	3.62E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.070542	0.085356	0.101581	0.340695	0.864511	56.80431	0.046112	0.042423	0.004704	0.000464	1842953	661233.2	1762.873	85646059
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.044202	0.053485	0.063651	0.221662	0.51817	33.06534	0.02805	0.025806	0.002737	0.00027	1072769	441334.2	998.8317	58081528
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.252477	0.305497	0.363566	1.140352	2.226934	147.4055	0.144756	0.133176	0.012187	0.001203	4782409	2996559	9181.468	2.41E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.226836	0.274471	0.326644	1.088646	2.287087	160.0151	0.16904	0.155517	0.013242	0.001306	5191514	2479585	9258.002	2.49E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.156641	0.189536	0.225564	1.535096	2.009319	94.48926	0.104217	0.09588	0.007813	0.000771	3065600	598057.3	818.5231	1.49E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	1.741051	2.106672	2.507114	11.48133	23.38859	1304.006	1.180393	1.085961	0.107942	0.010643	42307055	11173683	11998.95	2.27E+09
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	1.142924	1.382938	1.645811	11.78741	16.34865	846.3597	0.745592	0.685945	0.070056	0.006908	27459207	2995799	6738.871	1.1E+09
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.25527	0.308876	0.367589	1.141705	2.081376	155.1065	0.176318	0.162213	0.012826	0.001266	5032260	3966981	12005.44	2.6E+08
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.017134	0.020732	0.024673	0.096421	0.259473	17.77817	0.010464	0.009627	0.001473	0.000145	576793.1	140683.8	551.3032	37043789
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	1.926526	2.331096	2.774197	8.978446	19.31019	1187.919	1.386489	1.27557	0.098241	0.009696	38540735	20560797	36208.3	2.01E+09
Statewide	2003	Construction and Mini	Aggregate	Aggregate	Diesel	0.092592	0.112037	0.133333	0.391866	0.702186	48.93699	0.047339	0.043552	0.004044	0.000399	1587707	748590.8	2175.378	58841379
Statewide	2003	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.124676	0.150858	0.179534	0.543612	0.891939	75.389	0.077712	0.071495	0.006235	0.000615	2445913	2354914	8159.576	1.48E+08
Statewide	2003	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.610336	0.738507	0.878884	2.694773	5.817301	317.2342	0.428259	0.393998	0.026214	0.002589	10292313	11008949	15304.07	9.85E+08
Statewide	2003	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.0107	0.01287	0.015381	0.044323	0.072209	0.000116	0.00436	0.003294	9.72E-06	9.66E-07	3842.015	0	1205.776	0
Statewide	2003	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.008966	0.010784	0.012889	0.037353	0.07584	0.000135	0.004124	0.003116	8.17E-06	8.12E-07	3231.485	0	347.3891	0
Statewide	2003	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.003393	0.004081	0.004877	0.015117	0.028454	5E-05	0.001601	0.001209	3.22E-06	3.2E-07	1272.85	0	205.9209	0
Statewide	2003	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.288414	0.348981	0.415316	1.332496	2.340481	153.1952	0.152258	0.140077	0.012661	0.00125	4970248	3105796	3896.762	2.74E+08
Statewide	2003	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.124867	0.151089	0.179808	0.729371	1.530491	89.81869	0.084146	0.077415	0.007435	0.000733	2914069	848905.1	1172.144	1.42E+08
Statewide	2003	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.117073	0.139395	0.168571	0.353173	0.305915	26.12682	0.036391	0.034042	0.00298	0.000226	898821.6	787148.1	1125.412	29124478
Statewide	2003	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.344068	0.410912	0.495176	1.15849	1.437493	122.7299	0.112445	0.117056	0.012468	0.001039	4130067	1584611	13825.13	52292163
Statewide	2003	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001549	0.001852	0.002229	0.005482	0.007704	0.634881	0.000535	0.000573	6.37E-05	5.22E-06	20764.68	15881.15	411.6769	603483.7
Statewide	2003	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.212077	0.253274	0.305218	0.668553	0.812607	67.77985	0.068675	0.071606	0.006962	0.000575	2287374	827181.3	7199.041	30605706
Statewide	2003	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.537195	0.640108	0.773404	1.640192	1.586002	135.6923	0.169317	0.16284	0.015006	0.001166	4635966	3104099	8199.867	1.43E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.078282	0.094721	0.112726	0.463159	1.201978	86.77657	0.049536	0.045573	0.007196	0.000708	2815370	487102.8	1393.552	1.08E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.285371	0.345299	0.410934	2.149111	3.912776	204.5589	0.187579	0.172573	0.016935	0.00167	6636688	1924075	4196.891	4.45E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.603485	0.730217	0.869019	4.083818	8.338391	504.9819	0.405113	0.372704	0.041834	0.004122	16383583	3474667	7730.83	7.4E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.892632	1.080084	1.28539	4.328773	12.00965	909.7897	0.538547	0.495463	0.075423	0.007426	29517126	9419132	15034.12	1.49E+09
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.429254	0.519397	0.618126	2.607221	5.936889	342.1086	0.288286	0.265223	0.028336	0.002792	11099335	2783170	4861.196	5.24E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.002678	0.003221	0.00385	0.008638	0.014971	2.54E-05	0.000977	0.000738	2.12E-06	2.1E-07	836.4071	0	87.53415	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.003201	0.003851	0.004602	0.012366	0.021212	3.13E-05	0.001454	0.001098	2.79E-06	2.77E-07	1103.814	0	599.54	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.004023	0.004793	0.005793	0.012576	0.012678	0.904259	0.001337	0.001208	0.000106	7.75E-06	30799.95	21480.25	55.24195	708848.3
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.000367	0.000442	0.000528	0.001096	0.001828	3.05E-06	0.000125	9.47E-05	2.79E-07	2.77E-08	110.1937	0	25.15433	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.001544	0.001857	0.002219	0.005441	0.012159	2.19E-05	0.000649	0.000491	1.28E-06	1.27E-07	505.8954	0	39.7	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.004644	0.005586	0.006676	0.021875	0.037428	6.48E-05	0.002254	0.001703	4.56E-06	4.53E-07	1802.322	0	371.1408	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.000712	0.000856	0.001023	0.002098	0.003408	5.65E-06	0.000239	0.00018	5.36E-07	5.33E-08	212.1528	0	15.33	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.000997	0.0012	0.001434	0.003118	0.005727	9.85E-06	0.000361	0.000273	7.75E-07	7.7E-08	306.465	0	39.09471	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.001569	0.001888	0.002256	0.007689	0.012913	2.16E-05	0.000799	0.000604	1.58E-06	1.57E-07	624.1903	0	347.27	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.011543	0.013884	0.016593	0.047434	0.085281	0.000148	0.005112	0.003862	1.04E-05	1.04E-06	4126.076	0	1056.959	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.00023	0.000277	0.000331	0.000785	0.001673	2.98E-06	9.31E-05	7.03E-05	1.87E-07	1.86E-08	74.09918	0	7.656891	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.02452	0.029472	0.035251	0.122087	0.199275	0.40004	0.012262	0.009348	7.04E-05	5.71E-06	22713.71	7599.3	3049.728	281174.1
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.123052	0.148004	0.176888	0.384556	0.704622	0.001213	0.04399	0.033237	9.56E-05	9.5E-06	37805.02	0	4383.42	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.011628	0.013986	0.016716	0.03529	0.061103	0.000103	0.004054	0.003063	8.9E-06	8.84E-07	3518.683	0	287.2253	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.009213	0.011081	0.013243	0.036167	0.075376	0.000135	0.004111	0.003106	8.11E-06	8.06E-07	3207.515	0	463.2472	0
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.287118	0.347412	0.413449	1.469715	2.892446	191.8509	0.164656	0.151484	0.015878	0.001566	6224391	2206520	3420.29	2.73E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	1.266302	1.532226	1.823475	9.391539	19.10389	1154.571	0.801161	0.737068	0.095679	0.009423	37458784	4696023	3579.94	1.89E+09
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.331942	0.401649	0.477996	2.16538	4.160476	257.437	0.209627	0.192856	0.02132	0.002101	8352259	2244314	5177.789	3.86E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.073041	0.08838	0.10518	0.357014	0.898584	60.60854	0.048249	0.044389	0.005021	0.000495	1966377	705666.9	1838.677	91365866
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.045343	0.054865	0.065294	0.231057	0.538346	35.28929	0.029174	0.02684	0.002923	0.000288	1144922	471028.6	1041.781	62002848
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.251756	0.304624	0.362528	1.180157	2.251348	157.377	0.147359	0.13557	0.01302	0.001284	5105923	3198043	9576.272	2.57E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.233283	0.282273	0.335928	1.157995	2.370475	170.8205	0.176865	0.162716	0.014144	0.001394	5542085	2646307	9656.096	2.66E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.159314	0.19277	0.229413	1.543502	2.067836	101.0038	0.106055	0.097571	0.008357	0.000824	3276956	638315.6	853.7196	1.59E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	1.665189	2.014879	2.397873	10.55569	23.12523	1392.738	1.136822	1.045876	0.115379	0.011367	45185855	11925276	12514.91	2.42E+09
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	1.101963	1.333375	1.586827	11.03134	16.22656	903.1443	0.720267	0.662646	0.074814	0.007371	29301522	3197242	7028.642	1.17E+09
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.25731	0.311346	0.370527	1.198108	2.134101	165.5706	0.182834	0.168208	0.0137	0.001351	5371755	4233707	12521.67	2.77E+08
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.016596	0.020081	0.023898	0.089872	0.259706	18.98398	0.010237	0.009418	0.001574	0.000155	615914.2	150163.7	575.0092	39530429
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	1.930605	2.336033	2.780072	9.255767	19.56168	1267.978	1.413263	1.300202	0.104932	0.010349	41138149	21944372	37765.25	2.14E+09
Statewide	2004	Construction and Mini	Aggregate	Aggregate	Diesel	0.093235	0.112814	0.134258	0.404467	0.730822	52.24646	0.049012	0.045091	0.00432	0.000426	1695079	798970	2268.919	62820450
Statewide	2004	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.128586	0.15559	0.185164	0.576409	0.937964	80.46759	0.081163	0.07467	0.006657	0.000657	2610682	2513553	8511.205	1.58E+08
Statewide	2004	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.598982	0.724768	0.862534	2.74559	5.792534	338.6047	0.429507	0.395146	0.027996	0.002764	10985657	11750569	15963.59	1.05E+09
Statewide	2004	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.010239	0.012315	0.014718	0.042928	0.070979	0.000117	0.004269	0.003225	9.36E-06	9.31E-07	3702.831	0	1214.419	0
Statewide	2004	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.008823	0.010612	0.012683	0.036083	0.075105	0.000135	0.004049	0.003059	7.95E-06	7.91E-07	3145.678	0	345.7461	0
Statewide	2004	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.003133	0.003769	0.004504	0.01359	0.026562	4.71E-05	0.001473	0.001113	2.92E-06	2.91E-07	1156.631	0	193.4276	0
Statewide	2004	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.285434	0.345375	0.411025	1.299898	2.363831	163.5152	0.152486	0.140287	0.01352	0.001335	5305070	3315019	4064.689	2.92E+08
Statewide	2004	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.121509	0.147026	0.174973	0.692632	1.529706	95.86935	0.082868	0.076238	0.007939	0.000782	3110375	906091.8	1222.656	1.52E+08
Statewide	2004	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.114661	0.136523	0.165099	0.350562	0.304964	26.45272	0.036063	0.033728	0.003017	0.000229	908960.2	796941	1139.372	29486817
Statewide	2004	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.333859	0.398707	0.480486	1.143953	1.430198	124.2562	0.110814	0.115253	0.012619	0.00105	4177384	1604365	13997	52944038
Statewide	2004	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.0015	0.001793	0.002159	0.005419	0.007643	0.642879	0.000526	0.000563	6.45E-05	5.28E-06	20992.68	16092.85	417.0464	611528.3

Statewide	2004	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.206283	0.246349	0.29688	0.661089	0.807739	68.62077	0.067704	0.070527	0.007047	0.000582	2313478	837467	7288.044	30986277
Statewide	2004	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.52494	0.625495	0.755762	1.625939	1.579864	137.3818	0.167534	0.161048	0.015192	0.001179	4688326	3142738	8302.093	1.45E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.072573	0.087813	0.104505	0.450236	1.18603	92.03292	0.047301	0.043517	0.007651	0.000751	2985907	518530.8	1450.702	1.15E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.282301	0.341585	0.406514	2.095472	3.946479	217.6484	0.187279	0.172297	0.018065	0.001776	7061364	2048351	4369.007	4.73E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.558348	0.675601	0.804021	3.756193	8.104489	537.7565	0.381095	0.350607	0.044671	0.004389	17446918	3699041	8047.875	7.87E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.807388	0.97694	1.162639	4.251091	11.75256	969.0938	0.510015	0.469214	0.080556	0.00791	31441182	10027025	15650.68	1.58E+09
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.382572	0.462913	0.550904	2.391025	5.64533	366.1683	0.259941	0.239145	0.030417	0.002989	11879928	2962841	5060.555	5.61E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.002299	0.002765	0.003304	0.007888	0.014188	2.55E-05	0.000892	0.000674	1.88E-06	1.87E-07	742.1523	0	87.86634	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.002933	0.003528	0.004216	0.012064	0.019854	3.19E-05	0.001338	0.001011	2.65E-06	2.64E-07	1048.821	0	610.3499	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.003858	0.004595	0.005554	0.012378	0.012578	0.920678	0.001312	0.001187	0.000108	7.89E-06	31346.57	21867.15	56.25376	721616
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.000334	0.000402	0.000481	0.001035	0.001788	3.12E-06	0.000119	9.01E-05	2.58E-07	2.57E-08	102.1927	0	25.67993	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.001446	0.001739	0.002079	0.005352	0.011659	2.23E-05	0.000641	0.000484	1.23E-06	1.22E-07	486.9182	0	40.46	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.004335	0.005214	0.006231	0.021993	0.034682	6.61E-05	0.002134	0.001612	4.46E-06	4.43E-07	1762.738	0	378.4585	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.000659	0.000792	0.000947	0.002003	0.003354	5.78E-06	0.00023	0.000174	5.04E-07	5.01E-08	199.4752	0	15.68	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.00088	0.001059	0.001265	0.002901	0.005561	1.01E-05	0.00034	0.000257	7.03E-07	6.99E-08	278.106	0	39.91887	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.001463	0.00176	0.002104	0.007711	0.011962	2.2E-05	0.000747	0.000564	1.54E-06	1.53E-07	609.6508	0	353.44	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.01027	0.012353	0.014763	0.045925	0.079897	0.000151	0.004765	0.0036	9.76E-06	9.71E-07	3861.265	0	1074.294	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.000214	0.000257	0.000307	0.000768	0.001633	3.08E-06	9.16E-05	6.92E-05	1.79E-07	1.78E-08	70.80949	0	7.909764	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.022736	0.027328	0.032688	0.12419	0.175901	0.407304	0.011365	0.00867	7.09E-05	5.73E-06	22802.61	7730.7	3105.149	286035.9
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.115223	0.138588	0.165636	0.372137	0.685018	0.001232	0.042894	0.032409	9.11E-05	9.05E-06	36016.63	0	4452.374	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.0104	0.012509	0.01495	0.03298	0.059426	0.000105	0.003825	0.00289	8.14E-06	8.09E-07	3219.651	0	292.8234	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.008809	0.010595	0.012663	0.036399	0.07115	0.000138	0.004042	0.003054	7.99E-06	7.94E-07	3159.761	0	471.6937	0
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.271056	0.327977	0.39032	1.456769	2.905502	204.3658	0.160511	0.147671	0.016961	0.001668	6630423	2348932	3560.558	2.9E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	1.188299	1.437842	1.71115	7.987702	18.69301	1230.003	0.745094	0.685487	0.1022	0.010039	39906084	4999263	3726.755	2.01E+09
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.30852	0.373309	0.444269	2.017904	4.058877	274.2747	0.199018	0.183096	0.022777	0.002239	8898541	2389209	5390.132	4.11E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.070888	0.085775	0.102079	0.36037	0.899654	64.54176	0.04766	0.043847	0.00536	0.000527	2093986	751261.5	1914.081	97218044
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.042159	0.051012	0.060709	0.232361	0.529467	37.58126	0.027941	0.025705	0.003121	0.000307	1219283	501418.9	1084.505	65963870
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.238818	0.28897	0.343898	1.207616	2.256329	167.6171	0.145658	0.134005	0.013906	0.001368	5438152	3404483	9968.998	2.74E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.215428	0.260667	0.310216	1.207407	2.325485	181.9144	0.170347	0.15672	0.015104	0.001485	5902011	2817295	10052.1	2.83E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.152711	0.18478	0.219904	1.449044	2.035611	107.4889	0.102384	0.094193	0.008918	0.000877	3487357	679496.2	888.731	1.7E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	1.513056	1.830798	2.178801	9.355524	22.13183	1481.751	1.042982	0.959543	0.123095	0.012094	48073774	12695164	13028.15	2.57E+09
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.991754	1.200022	1.428125	9.613649	15.47312	961.9015	0.654534	0.602171	0.079907	0.007851	31207835	3403869	7316.89	1.25E+09
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.229521	0.277721	0.330511	1.224838	2.115998	176.3086	0.170441	0.156805	0.014633	0.001439	5720137	4507056	13035.19	2.95E+08
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.016372	0.01981	0.023575	0.089785	0.265678	20.22007	0.010243	0.009423	0.001681	0.000165	656018	159845.4	598.5906	42070274
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	1.755416	2.124053	2.527798	9.212588	18.93642	1351.873	1.328782	1.222479	0.112204	0.011034	43860038	23361366	39314.02	2.29E+09
Statewide	2005	Construction and Mini	Aggregate	Aggregate	Diesel	0.086196	0.104297	0.124122	0.400881	0.752487	55.64889	0.048733	0.044834	0.004615	0.000454	1805467	850571.7	2361.968	66966596
Statewide	2005	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.125321	0.151638	0.180462	0.602758	0.972859	85.6506	0.081364	0.074855	0.007075	0.000699	2778839	2675454	8859.032	1.68E+08
Statewide	2005	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.574972	0.695716	0.827959	2.82394	5.759322	360.4146	0.420274	0.386652	0.029759	0.002942	11693256	12507437	16615.97	1.12E+09
Statewide	2005	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.009694	0.01166	0.013935	0.041871	0.06789	0.000117	0.004145	0.003132	9.02E-06	8.97E-07	3568.601	0	1223.392	0
Statewide	2005	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.008121	0.009768	0.011675	0.034965	0.067833	0.000132	0.003844	0.002904	7.55E-06	7.5E-07	2984.981	0	340.2485	0
Statewide	2005	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.002712	0.003262	0.003899	0.012421	0.022764	4.38E-05	0.001308	0.000988	2.62E-06	2.6E-07	1034.793	0	179.2221	0
Statewide	2005	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.255125	0.308701	0.36738	1.243966	2.28314	174.0474	0.142111	0.130742	0.014377	0.001421	5646775	3528543	4230.801	3.11E+08
Statewide	2005	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.112537	0.13617	0.162054	0.652172	1.481888	102.0444	0.078338	0.072071	0.008439	0.000833	3310718	964454.2	1272.623	1.61E+08
Statewide	2005	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.111482	0.132737	0.160522	0.347113	0.303293	26.75844	0.035601	0.033291	0.003052	0.000231	918145.7	806142.7	1152.432	29827278
Statewide	2005	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.321002	0.383342	0.461983	1.127086	1.412156	125.6868	0.108688	0.112937	0.012761	0.001061	4220948	1622786	14158.32	53551950
Statewide	2005	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001437	0.001718	0.002068	0.005344	0.007516	0.650304	0.000514	0.000549	6.52E-05	5.33E-06	21187.5	16304.55	421.8458	619572.9
Statewide	2005	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.199026	0.237679	0.286437	0.652238	0.79711	69.41063	0.066428	0.069128	0.007126	0.000588	2337522	847070.1	7371.927	31341594
Statewide	2005	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.508982	0.606473	0.732789	1.607534	1.567551	138.9618	0.165074	0.158609	0.015365	0.001191	4736115	3178869	8397.698	1.46E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.066873	0.080917	0.096298	0.441715	1.123043	95.0691	0.044863	0.041274	0.007939	0.000776	3084412	534802.3	1479.64	1.18E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.268994	0.325482	0.387351	1.934083	3.808837	224.4746	0.179986	0.165587	0.018715	0.001832	7282832	2112606	4456.157	4.88E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.5014	0.606694	0.722016	3.383933	7.558584	555.2019	0.348903	0.320991	0.046332	0.004531	18012914	3815035	8208.408	8.12E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.714388	0.864409	1.028719	4.153903	11.07604	999.3074	0.475351	0.437323	0.083445	0.008156	32421429	10341579	15962.87	1.63E+09
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.360767	0.436529	0.519505	2.257969	5.464744	378.3568	0.246686	0.226951	0.031569	0.003088	12275371	3055809	5161.5	5.79E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.002001	0.002407	0.002876	0.007329	0.013544	2.57E-05	0.000827	0.000625	1.95E-07	1.68E-07	669.7091	0	88.5959	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.002692	0.003238	0.003869	0.011814	0.018618	3.24E-05	0.001234	0.000932	2.92E-07	2.51E-07	1000.433	0	621.41	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.003729	0.004441	0.005369	0.012283	0.012525	0.937094	0.001297	0.001173	0.000109	8.01E-06	31821.47	22290.55	57.34288	735588.2
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.000301	0.000362	0.000432	0.000971	0.00174	3.17E-06	0.000113	8.53E-05	2.74E-08	2.36E-08	93.9528	0	26.09536	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.001387	0.001668	0.001993	0.005341	0.011195	2.27E-05	0.000641	0.000485	1.39E-07	1.2E-07	477.5934	0	41.16	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.004131	0.004969	0.005939	0.022299	0.032301	6.74E-05	0.00205	0.001549	5.1E-07	4.39E-07	1748.28	0	385.6603	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.000599	0.000721	0.000862	0.00189	0.003273	5.87E-06	0.000219	0.000165	5.4E-08	4.65E-08	184.996	0	15.92	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.000815	0.00098	0.001172	0.002795	0.005415	1.02E-05	0.00033	0.000249	7.68E-08	6.61E-08	263.0988	0	40.52399	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.00139	0.001672	0.001998	0.007791	0.011179	2.24E-05	0.00071	0.000537	1.76E-07	1.52E-07	602.8765	0	359.83	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.009743	0.011719	0.014006	0.046009	0.075637	0.000153	0.004612	0.003485	1.11E-06	9.52E-07	3787.779	0	1091.729	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.000209	0.000251	0.0003	0.000787	0.001638	3.27E-06	9.42E-05	7.12E-05	2.07E-08	1.78E-08	70.99167	0	8.400286	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.02123	0.025517	0.030522	0.126285	0.156051	0.414566	0.010612	0.0081	5.1E-05	5.77E-06	22962.18	7876.7	3160.499	291437.9
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.109021	0.131128	0.156719	0.36309	0.666444	0.00125	0.042141	0.03184	1.01E-05	8.71E-06	34640.02	0	4514.903	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.009247	0.011122	0.013292	0.030837	0.057881	0.000107	0.003612	0.002729	8.58E-07	7.39E-07	2940.167	0	298.6468	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.008482	0.010202	0.012193	0.036799	0.067129	0.00014	0.003998	0.00302	9.14E-07	7.87E-07	3131.936	0	480.7248	0
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.250885	0.303571	0.361275	1.374667	2.807001	210.9003	0.15222	0.140042	0.017584	0.001721	6842427	2422655	3631.581	3E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	1.073041	1.29838	1.545179	7.020579	17.46337	1270.333	0.669623	0.616053	0.106031	0.010368	41214540	5156089	3801.094	2.08E+09
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.280128	0.338955	0.403384	1.869981	3.831637	283.1642	0.185271	0.170449	0.023624	0.002311	9186952	2464088	5497.651	4.25E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.063855	0.077264	0.091951	0.344446	0.846387	66.5688	0.044306	0.040761	0.005554	0.000543	2159751	774815.5	1952.262	1E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.039683	0.048016	0.057143	0.233374	0.519835	38.76166	0.027058	0.024893	0.003233	0.000316	1257579	517106	1106.138	68016996
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.225786	0.273201	0.325132	1.213361	2.229621	172.8647	0.142691	0.131276	0.014407	0.001411	5608404	3511383	10167.85	2.82E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.176138	0.213127	0.253638	1.210559	2.231885	187.6695	0.145779	0.134117	0.015659	0.001532	6088731	2905865	10252.61	2.92E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.148034	0.179122	0.213169	1.37436	1.983704	110.9029	0.099696	0.09172	0.009242	0.000905	3598123	700812.5	906.4588	1.75E+08
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	1.353537	1.63778	1.949093	8.290966	20.56928	1527.294	0.941676	0.866342	0.127462	0.012466	49551374	13093361	13288.03	2.65E+09
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.850941	1.029638	1.225355	8.118924	13.82369	992.0046	0.573463	0.527586	0.082796	0.008097	32184497	3510634	7462.842	1.29E+09
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.201292	0.243563	0.289861	1.232709	2.067186	181.9146	0.154872	0.142483	0.015171	0.001485	5902020	4648834	13295.21	3.04E+08

Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.01483	0.017944	0.021355	0.084542	0.249401	20.87203	0.009569	0.008803	0.001743	0.00017	677169.9	164881	610.5309	43419291
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	1.57708	1.908266	2.270995	9.146631	18.09532	1395.139	1.232541	1.133938	0.11634	0.011387	45263752	24094192	40098.23	2.36E+09
Statewide	2006	Construction and Mini	Aggregate	Aggregate	Diesel	0.079466	0.096153	0.114431	0.39536	0.747412	57.39276	0.047124	0.043354	0.004782	0.000468	1862045	877298.1	2409.083	69097561
Statewide	2006	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.107548	0.130133	0.154869	0.598034	0.959821	88.34901	0.074705	0.068728	0.007319	0.000721	2866386	2759744	9036.92	1.74E+08
Statewide	2006	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.525652	0.636039	0.756939	2.83556	5.497709	371.7695	0.393707	0.36221	0.030778	0.003034	12061651	12901482	16949.62	1.15E+09
Statewide	2006	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.009225	0.011095	0.013261	0.041101	0.06531	0.000118	0.004031	0.003046	1.01E-06	8.7E-07	3460.051	0	1225.667	0
Statewide	2006	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.007441	0.008949	0.010696	0.033858	0.060716	0.000128	0.003639	0.002749	8.25E-07	7.11E-07	2827.927	0	331.7794	0
Statewide	2006	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.002313	0.002782	0.003325	0.011309	0.019131	4.01E-05	0.001149	0.000868	2.68E-07	2.31E-07	918.9592	0	164.3356	0
Statewide	2006	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.245999	0.297659	0.354238	1.259673	2.24519	179.5307	0.141561	0.130236	0.014865	0.001465	5824676	3639709	4315.755	3.21E+08
Statewide	2006	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.090096	0.109016	0.129738	0.60277	1.293854	105.2593	0.065609	0.06036	0.00873	0.000859	3415022	994839.2	1298.177	1.67E+08
Statewide	2006	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.108006	0.128597	0.155517	0.343128	0.300825	26.95384	0.03505	0.03277	0.002912	0.000232	923741.5	812037.4	1160.922	30045384
Statewide	2006	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.30735	0.367032	0.442338	1.107415	1.390754	126.6073	0.106239	0.11031	0.00856	0.001068	4247555	1634685	14261.89	53944617
Statewide	2006	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001371	0.001638	0.001972	0.005254	0.007373	0.65514	0.000501	0.000534	4.16E-05	5.36E-06	21330.17	16446.9	424.9657	624982.2
Statewide	2006	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.191243	0.228383	0.275236	0.641758	0.784639	69.91929	0.064959	0.067544	0.00497	0.000592	2352195	853366.4	7426.003	31574555
Statewide	2006	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.491373	0.585485	0.707438	1.585367	1.551121	139.9809	0.162099	0.155689	0.013537	0.001199	4765138	3202207	8459.216	1.47E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.052232	0.0632	0.075214	0.402705	0.918868	90.63482	0.037357	0.034368	0.000836	0.00074	2940547	511255.1	1437.626	1.13E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.23443	0.28366	0.337579	1.675598	3.365033	214.5273	0.158995	0.146276	0.001976	0.001751	6960102	2019620	4329.628	4.67E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.449389	0.543761	0.647121	3.095273	6.860881	530.7765	0.316584	0.291258	0.004894	0.004332	17220458	3647087	7975.337	7.76E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.619388	0.74946	0.891919	3.865897	9.993853	954.79	0.429872	0.395482	0.008809	0.007793	30977111	9886601	15509.62	1.56E+09
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.329586	0.3988	0.474605	2.066376	5.012959	361.7445	0.225852	0.207784	0.003335	0.002953	11736403	2921196	5014.943	5.54E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.00183	0.002201	0.00263	0.007082	0.013134	2.61E-05	0.000774	0.000585	1.84E-07	1.59E-07	631.8641	0	90.3022	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.002566	0.003086	0.003689	0.011775	0.017911	3.3E-05	0.001152	0.00087	2.86E-07	2.46E-07	979.9264	0	632.25	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.003593	0.004279	0.005173	0.012177	0.012457	0.953512	0.001238	0.001118	1.24E-05	8.13E-06	32325.53	22673.8	58.27629	748235.4
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.000269	0.000323	0.000386	0.000909	0.001693	3.21E-06	0.000104	7.85E-05	2.51E-08	2.16E-08	86.08938	0	26.46957	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.001368	0.001645	0.001966	0.005418	0.010823	2.32E-05	0.000634	0.000479	1.4E-07	1.2E-07	478.7765	0	41.93	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.00397	0.004776	0.005708	0.022654	0.030285	6.87E-05	0.00193	0.001458	5.08E-07	4.38E-07	1742.652	0	393.2116	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.000546	0.000657	0.000785	0.001795	0.003216	6E-06	0.000204	0.000154	5.03E-08	4.33E-08	172.307	0	16.27	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.000761	0.000915	0.001094	0.002711	0.005277	1.04E-05	0.000313	0.000236	7.32E-08	6.3E-08	250.8393	0	41.12292	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.001342	0.001614	0.001929	0.007911	0.010545	2.28E-05	0.000668	0.000505	1.76E-07	1.51E-07	601.9305	0	366.06	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.009352	0.011249	0.013444	0.046364	0.071962	0.000156	0.004382	0.003311	1.09E-06	9.42E-07	3748.205	0	1110.945	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.000214	0.000258	0.000308	0.000836	0.001686	3.54E-06	9.76E-05	7.38E-05	2.17E-08	1.87E-08	74.38402	0	9.075897	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.021108	0.02537	0.030346	0.128406	0.153348	0.421829	0.010278	0.007844	8.14E-06	5.86E-06	23310.2	8026.35	3215.766	296975
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.104118	0.125231	0.149672	0.356635	0.649235	0.001265	0.040487	0.03059	9.8E-06	8.44E-06	33587.52	0	4571.668	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.008273	0.009951	0.011893	0.029095	0.056614	0.00011	0.003347	0.002529	7.9E-07	6.81E-07	2707.716	0	304.7861	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.008332	0.010022	0.011978	0.037451	0.064485	0.000143	0.003935	0.002973	9.17E-07	7.9E-07	3143.165	0	491.9399	0
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.220273	0.266531	0.317194	1.24632	2.51267	201.6852	0.135904	0.125032	0.001858	0.001646	6543453	2316090	3528.465	2.86E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.860511	1.041218	1.239136	5.794521	14.68391	1215.007	0.549795	0.505812	0.011208	0.009917	39419571	4929057	3693.164	1.99E+09
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.235695	0.285191	0.339401	1.612289	3.337626	270.702	0.160711	0.147854	0.002496	0.002209	8782627	2355618	5341.549	4.06E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.05699	0.068958	0.082066	0.322399	0.762848	63.63845	0.040617	0.037367	0.000587	0.000519	2064679	740747.1	1896.829	95814741
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.034965	0.042308	0.050349	0.215826	0.475006	37.05469	0.02457	0.022604	0.000342	0.000302	1202199	494388.1	1074.73	65007883
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.201695	0.244051	0.290441	1.14609	2.04268	165.2121	0.130871	0.120401	0.001521	0.001348	5360125	3356771	9879.145	2.7E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.152497	0.184521	0.219596	1.147208	2.0654	179.3126	0.129606	0.119237	0.001653	0.001464	5817600	2777899	9961.494	2.79E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.136324	0.164952	0.196306	1.250494	1.825371	106.0746	0.091616	0.084287	0.000977	0.000866	3441474	669965.5	880.7206	1.68E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	1.185084	1.433952	1.706521	7.319073	18.25695	1459.801	0.829055	0.762731	0.013461	0.011915	47361629	12517172	12910.72	2.53E+09
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.746338	0.903069	1.074726	7.101119	12.34697	949.0557	0.50754	0.466937	0.008752	0.007746	30791068	3356111	7250.941	1.23E+09
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.166702	0.20171	0.240051	1.157742	1.89341	173.9469	0.133259	0.122598	0.001603	0.00142	5643517	4443916	12917.7	2.91E+08
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.011363	0.013749	0.016363	0.069972	0.206471	19.95599	0.007747	0.007128	0.000184	0.000163	647450.1	157621.6	593.1953	41491637
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	1.382633	1.672986	1.990991	8.552768	16.35031	1334.718	1.110751	1.021891	0.012299	0.010894	43303443	23033558	38959.67	2.26E+09
Statewide	2007	Construction and Mini	Aggregate	Aggregate	Diesel	0.069214	0.083749	0.099669	0.359393	0.662188	54.91413	0.042347	0.038959	0.000506	0.000448	1781628	838623.3	2340.679	66079401
Statewide	2007	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.079728	0.096471	0.114808	0.546903	0.866753	84.45712	0.060922	0.056049	0.000778	0.000689	2740118	2638174	8780.021	1.66E+08
Statewide	2007	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.490746	0.593802	0.706674	2.714351	5.121595	355.3925	0.371476	0.341758	0.003271	0.002901	11530319	12333155	16467.78	1.1E+09
Statewide	2007	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.008686	0.010448	0.012487	0.040174	0.062637	0.000117	0.003792	0.002865	9.73E-07	8.38E-07	3333.282	0	1220.786	0
Statewide	2007	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006992	0.00841	0.010052	0.032781	0.055789	0.000125	0.00341	0.002576	7.9E-07	6.8E-07	2706.69	0	322.4049	0
Statewide	2007	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.002122	0.002552	0.00305	0.010823	0.01721	3.84E-05	0.001055	0.000797	2.53E-07	2.18E-07	865.9482	0	158.3582	0
Statewide	2007	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.202167	0.244622	0.291121	1.144116	2.001459	171.6222	0.124494	0.114534	0.001581	0.001401	5568092	3479375	4193.068	3.07E+08
Statewide	2007	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.082562	0.099901	0.11889	0.572961	1.175685	100.6225	0.061452	0.056536	0.000928	0.000821	3264586	951015.2	1261.273	1.59E+08
Statewide	2007	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.105316	0.125394	0.151644	0.341171	0.299259	27.14998	0.033504	0.031321	0.000344	0.000234	929497.2	817924.9	1169.312	30263219
Statewide	2007	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.2959	0.353352	0.42586	1.092372	1.373378	127.5272	0.100837	0.104656	0.001456	0.001075	4274807	1646614	14365.3	54338247
Statewide	2007	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001313	0.00157	0.00189	0.005182	0.007255	0.659976	0.000474	0.000505	7.45E-06	5.39E-06	21448.09	16556.4	428.2253	629143.2
Statewide	2007	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.184725	0.220597	0.265855	0.634015	0.774536	70.42755	0.061686	0.064107	0.000812	0.000595	2367178	859607.9	7479.898	31805490
Statewide	2007	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.477149	0.568531	0.686961	1.571441	1.539107	140.9979	0.154512	0.14836	0.001736	0.001206	4795038	3225556	8520.543	1.48E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.039698	0.048035	0.057165	0.346623	0.729052	80.27789	0.02972	0.027343	0.000741	0.000655	2604528	451199.4	1326.172	99929270
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.196463	0.237721	0.282907	1.430074	2.843317	189.3584	0.134397	0.123645	0.001745	0.001546	6143526	1782183	3993.968	4.12E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.370997	0.448906	0.534235	2.552363	5.709719	468.6385	0.264442	0.243287	0.004322	0.003825	15204460	3218455	7357.038	6.85E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.510696	0.617943	0.735403	3.369521	8.449613	842.3304	0.363389	0.334318	0.007772	0.006875	27328481	8724638	14307.21	1.37E+09
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.266129	0.322016	0.383226	1.533285	4.093747	317.985	0.182971	0.168333	0.002932	0.002595	10316672	2577988	4626.153	4.88E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.001717	0.002066	0.002469	0.006973	0.012894	2.67E-05	0.000699	0.000528	1.78E-07	1.53E-07	609.7362	0	92.53725	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.002457	0.002955	0.003532	0.011766	0.017295	3.36E-05	0.00105	0.000794	2.81E-07	2.42E-07	963.366	0	643.13	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.003438	0.004096	0.004951	0.012054	0.012399	0.96993	0.001192	0.001077	1.26E-05	8.26E-06	32819.35	23071.65	59.46154	761364.5
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.00024	0.000288	0.000344	0.000856	0.001652	3.27E-06	9.31E-05	7.03E-05	2.31E-08	1.99E-08	79.06987	0	26.89088	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.001361	0.001637	0.001956	0.005511	0.010506	2.36E-05	0.000563	0.000425	1.41E-07	1.21E-07	482.5018	0	42.65	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.00396	0.004762	0.005692	0.02303	0.030048	7.01E-05	0.001636	0.001236	5.14E-07	4.42E-07	1760.248	0	400.8108	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.000499	0.000601	0.000718	0.001715	0.003177	6.15E-06	0.000187	0.000141	4.71E-08	4.05E-08	161.3194	0	16.69	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.000718	0.000864	0.001033	0.002655	0.005163	1.05E-05	0.000286	0.000216	7.05E-08	6.07E-08	241.7011	0	41.78844	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.00131	0.001575	0.001883	0.008048	0.010035	2.32E-05	0.000571	0.000432	1.76E-07	1.52E-07	604.158	0	372.4	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.009218	0.011088	0.013251	0.046921	0.070717	0.000158	0.003837	0.002899	1.1E-06	9.44E-07	3756.811	0	1131.666	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.000223	0.000269	0.000321	0.000894	0.001745	3.82E-06	9.22E-05	6.96E-05	2.3E-08	1.98E-08	78.66372	0	9.787619	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.021307	0.02561	0.030632	0.130528	0.154684	0.429092	0.007995	0.006117	8.27E-06	5.96E-06	23695.03	8165.05	3271.095	302106.9
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.099847	0.120094	0.143531	0.351364	0.633687	0.001281	0.037213	0.028117	9.54E-06	8.22E-06	32688.48	0	4627.643	0

Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.007879	0.009477	0.011326	0.028605	0.0558	0.000112	0.003111	0.00235	7.66E-07	6.6E-07	2624.603	0	310.238	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.008362	0.010058	0.01202	0.038259	0.063897	0.000147	0.003417	0.002582	9.3E-07	8.01E-07	3188.784	0	503.9785	0
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.181499	0.219614	0.261358	1.074931	2.081133	178.056	0.114344	0.105196	0.001641	0.001453	5776831	2043928	3254.916	2.53E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.755564	0.914232	1.088012	5.029257	12.6091	1072.782	0.477977	0.439739	0.009896	0.008756	34805233	4349656	3406.847	1.76E+09
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.193981	0.234717	0.279333	1.372326	2.812925	238.9632	0.135114	0.124305	0.002204	0.00195	7752898	2078780	4927.438	3.59E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.046922	0.056775	0.067567	0.280618	0.635198	56.15467	0.034164	0.031431	0.000518	0.000458	1821876	653654	1749.775	84544421
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.028631	0.034644	0.041229	0.179442	0.393582	32.70602	0.020636	0.018985	0.000302	0.000267	1061111	436283.8	991.4104	57370990
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.171543	0.207567	0.247022	1.00668	1.762851	145.8002	0.113248	0.104188	0.001343	0.00119	4730328	2962262	9113.25	2.38E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.127247	0.153969	0.183235	1.011495	1.764535	158.2056	0.110318	0.101492	0.001459	0.001291	5132805	2451119	9189.216	2.46E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.114483	0.138525	0.164856	1.048256	1.531809	93.51427	0.077201	0.071025	0.000861	0.000763	3033968	591208.6	812.4415	1.48E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.997878	1.207432	1.436944	6.262917	15.37471	1288.512	0.698715	0.642818	0.011883	0.010517	41804366	11046093	11909.8	2.23E+09
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.644102	0.779363	0.927506	6.071001	10.6386	837.577	0.437663	0.40265	0.007724	0.006836	27174262	2961423	6688.801	1.09E+09
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.132633	0.160487	0.190992	1.014026	1.577835	153.5537	0.10896	0.100244	0.001416	0.001253	4981880	3921870	11916.24	2.57E+08
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.009471	0.01146	0.013639	0.060898	0.172827	17.60219	0.006595	0.006067	0.000162	0.000144	571083.5	139084	547.207	36600976
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	1.137833	1.376778	1.63848	7.495519	13.64148	1179.185	0.933551	0.858867	0.010868	0.009624	38257364	20326774	35939.27	2E+09
Statewide	2008	Construction and Mini	Aggregate	Aggregate	Diesel	0.059641	0.072165	0.085883	0.318221	0.560289	48.42758	0.036927	0.033973	0.000446	0.000395	1571180	740073.1	2159.215	58305280
Statewide	2008	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.058225	0.070452	0.083844	0.470905	0.725388	74.52715	0.048029	0.044187	0.000687	0.000608	2417951	2327992	8098.858	1.46E+08
Statewide	2008	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.432643	0.523499	0.623007	2.41348	4.48088	313.6075	0.329139	0.302808	0.002886	0.00256	10174651	10883094	15190.19	9.74E+08
Statewide	2008	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.008255	0.009929	0.011866	0.03891	0.059889	0.000117	0.003557	0.002688	9.35E-07	8.06E-07	3205.144	0	1213.867	0
Statewide	2008	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006671	0.008024	0.00959	0.03184	0.052387	0.000121	0.003305	0.002497	7.62E-07	6.56E-07	2611.222	0	313.7187	0
Statewide	2008	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.002038	0.002451	0.002929	0.010611	0.016358	3.76E-05	0.001029	0.000777	2.46E-07	2.12E-07	842.7311	0	156.0338	0
Statewide	2008	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.176636	0.213729	0.254355	1.015236	1.746419	151.4438	0.109262	0.100521	0.001395	0.001236	4913428	3070291	3867.765	2.71E+08
Statewide	2008	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.073002	0.088333	0.105123	0.5083	1.027433	88.79188	0.054585	0.050218	0.000819	0.000725	2880755	839200.4	1163.422	1.4E+08
Statewide	2008	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.102517	0.12206	0.147614	0.339482	0.29788	27.34455	0.032823	0.030675	0.000346	0.000235	935291.9	823867.1	1177.742	30483081
Statewide	2008	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.284515	0.339755	0.409476	1.078187	1.357255	128.4446	0.098151	0.10192	0.001466	0.001082	4301981	1658549	14468.72	54732119
Statewide	2008	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001256	0.001501	0.001808	0.005111	0.00714	0.664422	0.000459	0.00049	7.5E-06	5.43E-06	21601.29	16680.5	430.9752	633859
Statewide	2008	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.178186	0.212789	0.256445	0.62675	0.765156	70.93475	0.059781	0.062058	0.000818	0.000599	2382271	865739.8	7533.704	32032374
Statewide	2008	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.46259	0.55118	0.666001	1.558816	1.528226	142.0167	0.150755	0.14466	0.001748	0.001214	4824994	3248785	8582.26	1.49E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.024524	0.029674	0.035314	0.20338	0.494085	63.15604	0.019215	0.017678	0.000583	0.000515	2049028	356500.6	1135.092	78835592
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.15238	0.18438	0.219428	1.109363	2.204431	149.0856	0.103862	0.095553	0.001374	0.001217	4836918	1404251	3414.828	3.25E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.290217	0.351162	0.417912	1.977858	4.431134	369.0004	0.206201	0.189705	0.003403	0.003012	11971813	2536321	6290.064	5.4E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.405378	0.490508	0.583745	2.680667	6.625299	663.104	0.285695	0.262839	0.006119	0.005412	21513680	6867991	12225.54	1.08E+09
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.199981	0.241977	0.287972	1.089224	3.065637	250.7162	0.134175	0.123441	0.002312	0.002046	8134213	2029295	3952.3	3.85E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.001658	0.001994	0.002383	0.006991	0.012784	2.75E-05	0.00064	0.000484	1.76E-07	1.51E-07	601.9194	0	95.23884	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.00236	0.002838	0.003392	0.011776	0.016745	3.41E-05	0.000954	0.000721	2.77E-07	2.39E-07	949.5279	0	653.92	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.003279	0.003905	0.00472	0.011924	0.012339	0.986348	0.001144	0.001035	1.28E-05	8.39E-06	33356.74	23447.6	60.50109	773770.8
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.000231	0.000278	0.000332	0.000848	0.00164	3.34E-06	8.73E-05	6.6E-05	2.26E-08	1.95E-08	77.43064	0	27.47884	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.001371	0.001649	0.001971	0.005593	0.010502	2.39E-05	0.000494	0.000373	1.42E-07	1.23E-07	488.2071	0	43.28	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.003984	0.004792	0.005727	0.023429	0.030154	7.14E-05	0.001376	0.00104	5.21E-07	4.48E-07	1784.179	0	408.4404	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.000452	0.000543	0.000649	0.001628	0.003112	6.24E-06	0.000168	0.000127	4.37E-08	3.77E-08	149.847	0	16.94	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.000683	0.000821	0.000982	0.002614	0.005065	1.07E-05	0.00026	0.000197	6.84E-08	5.89E-08	234.361	0	42.48555	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.001314	0.001581	0.001889	0.008184	0.009985	2.36E-05	0.000496	0.000375	1.78E-07	1.54E-07	611.7557	0	378.69	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.00919	0.011053	0.013211	0.047625	0.070175	0.000161	0.003354	0.002534	1.11E-06	9.52E-07	3788.617	0	1153.088	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.000236	0.000284	0.00034	0.000961	0.001818	4.11E-06	8.77E-05	6.63E-05	2.45E-08	2.11E-08	84.03005	0	10.538	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.021601	0.025964	0.031055	0.132649	0.157244	0.436356	0.006078	0.004668	8.42E-06	6.06E-06	24094.5	8343.9	3326.466	308724.3
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.096249	0.115766	0.138359	0.346485	0.627374	0.001297	0.034014	0.025699	9.31E-06	8.02E-06	31908.95	0	4686.56	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.007592	0.009131	0.010913	0.028343	0.055103	0.000113	0.002898	0.00219	7.5E-07	6.46E-07	2568.833	0	315.5959	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.008551	0.010285	0.012292	0.03928	0.065098	0.000151	0.00293	0.002214	9.54E-07	8.22E-07	3268.831	0	516.7691	0
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.139568	0.168878	0.200978	0.84113	1.592081	140.5064	0.088551	0.081466	0.001295	0.001147	4558575	1610413	2783.106	2E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.613548	0.742393	0.883509	3.985849	9.941472	844.5751	0.380014	0.349613	0.00779	0.006893	27401308	3427757	2912.885	1.39E+09
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.150965	0.182668	0.21739	1.079234	2.17083	188.193	0.104272	0.09593	0.001735	0.001536	6105713	1637474	4211.974	2.83E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.036589	0.044273	0.052688	0.221238	0.490956	44.22621	0.026666	0.024533	0.000408	0.000361	1434871	514518.1	1494.9	66567221
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.021937	0.026543	0.031589	0.139163	0.298892	25.74698	0.015943	0.014668	0.000237	0.00021	835332.5	343447.1	847	45152484
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.134353	0.162567	0.193468	0.797921	1.372588	114.7747	0.088726	0.081628	0.001057	0.000937	3723739	2333889	7792.837	1.88E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.100468	0.121566	0.144674	0.800467	1.387072	124.5447	0.087373	0.080384	0.001148	0.001017	4040717	1929626	7850.7	1.94E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.090515	0.109523	0.130341	0.819947	1.201231	73.61993	0.06079	0.055927	0.000678	0.000601	2388518	465416.4	694.1	1.16E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.78869	0.954315	1.135714	4.955581	11.90411	1013.804	0.538093	0.495046	0.009349	0.008275	32891758	8692792	10175	1.76E+09
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.514524	0.622574	0.740915	4.797356	8.395653	659.3629	0.344503	0.316943	0.006081	0.005382	21392304	2332311	5716.8	8.56E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.100384	0.121464	0.144552	0.800133	1.215333	120.8796	0.083331	0.076664	0.001115	0.000987	3921805	3084588	10180.5	2.02E+08
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.00678	0.008204	0.009763	0.045723	0.12622	13.85917	0.00483	0.004443	0.000128	0.000113	449645.4	109495.2	467.5	28781436
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.879115	1.063729	1.265925	5.933162	10.56099	928.8289	0.71994	0.662345	0.008561	0.007581	30134829	16002653	30706.64	1.57E+09
Statewide	2009	Construction and Mini	Aggregate	Aggregate	Diesel	0.047603	0.057599	0.068548	0.253692	0.442628	38.12397	0.029422	0.027069	0.000351	0.000311	1236890	582586.7	1844.7	45900437
Statewide	2009	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.046889	0.056736	0.06752	0.375112	0.573552	58.62765	0.038431	0.035356	0.000541	0.000479	1902110	1831507	6919.165	1.15E+08
Statewide	2009	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.347631	0.420633	0.500588	1.92352	3.553951	246.8488	0.264148	0.243016	0.002272	0.002015	8008739	8568295	12979.91	7.67E+08
Statewide	2009	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007923	0.009529	0.011389	0.03763	0.057875	0.000116	0.003238	0.002446	9.02E-07	7.77E-07	3090.852	0	1209.068	0
Statewide	2009	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006445	0.007752	0.009265	0.030932	0.050426	0.000117	0.002654	0.002006	7.39E-07	6.36E-07	2531.446	0	305.3799	0
Statewide	2009	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001997	0.002402	0.002871	0.010476	0.015924	3.71E-05	0.000845	0.000639	2.42E-07	2.09E-07	829.7941	0	154.2213	0
Statewide	2009	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.143898	0.174116	0.207213	0.816019	1.386518	119.2209	0.087577	0.08057	0.001098	0.000973	3867991	2417021	3304.38	2.13E+08
Statewide	2009	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.058967	0.07135	0.084913	0.403931	0.814646	69.89951	0.043706	0.040209	0.000644	0.000571	2267813	660642.6	993.9558	1.11E+08
Statewide	2009	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.099387	0.118333	0.143107	0.337221	0.296483	27.53934	0.032066	0.029959	0.000349	0.000237	940902.5	829776.4	1186.192	30701727
Statewide	2009	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.273006	0.326011	0.392911	1.063606	1.341285	129.3649	0.094833	0.098374	0.001476	0.001089	4329166	1670466	14572.44	55125388
Statewide	2009	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001199	0.001434	0.001726	0.00504	0.007029	0.669035	0.000441	0.00047	7.55E-06	5.47E-06	21770.84	16800.95	434.015	638436.1
Statewide	2009	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.171453	0.204749	0.246754	0.619209	0.755843	71.44485	0.057824	0.059959	0.000823	0.000603	2397291	871871.9	7588.06	32259258
Statewide	2009	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.447127	0.532752	0.643738	1.544889	1.517453	143.0375	0.146783	0.140761	0.001761	0.001221	4854787	3272126	8644.057	1.51E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.022181	0.026839	0.031941	0.18312	0.435531	56.78613	0.017123	0.015754	0.000524	0.000463	1842364	320759.2	1057.659	70959658
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.137654	0.166562	0.198222	1.000095	1.978028	134.1827	0.093619	0.08613	0.001236	0.001095	4353409	1263909	3181.875	2.92E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.264862	0.320482	0.381401	1.787443	3.991319	332.1298	0.187479	0.17248	0.003063	0.002711	10775586	2282959	5860.97	4.86E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.364418	0.440945	0.524762	2.427279	5.845404	596.8664	0.254608	0.23424	0.005507	0.004872	19364674	6183115	11391.54	9.74E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.183687	0.222262	0.26451	0.988159	2.771333	225.6616	0.122224	0.112446	0.002081	0.001842	7321343	1826492	3682.682	3.46E+08

Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.001658	0.001994	0.002383	0.007141	0.012809	2.83E-05	0.000598	0.000452	1.78E-07	1.53E-07	609.5977	0	98.20853	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.002273	0.002734	0.003268	0.011805	0.016272	3.47E-05	0.000864	0.000653	2.74E-07	2.36E-07	938.2447	0	664.97	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.003113	0.003709	0.004482	0.011785	0.012285	1.002767	0.001095	0.000991	1.3E-05	8.52E-06	33849.87	23867.35	61.40193	787622.6
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.000224	0.000269	0.000322	0.000844	0.001625	3.39E-06	8.19E-05	6.19E-05	2.22E-08	1.91E-08	76.18236	0	27.94014	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.00139	0.001672	0.001999	0.005693	0.010599	2.43E-05	0.000431	0.000326	1.45E-07	1.25E-07	496.1766	0	44.06	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.004033	0.004851	0.005797	0.023829	0.030492	7.27E-05	0.001155	0.000873	5.29E-07	4.55E-07	1811.853	0	415.7811	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.000436	0.000524	0.000626	0.001612	0.00308	6.35E-06	0.000158	0.000119	4.28E-08	3.69E-08	146.6815	0	17.22	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.000658	0.000791	0.000946	0.002595	0.004989	1.09E-05	0.000238	0.00018	6.7E-08	5.77E-08	229.7171	0	43.18246	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.001326	0.001594	0.001905	0.00832	0.010018	2.4E-05	0.000429	0.000324	1.81E-07	1.56E-07	620.3675	0	385	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.009253	0.011129	0.013301	0.048435	0.070326	0.000164	0.002935	0.002218	1.12E-06	9.65E-07	3839.282	0	1174.702	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.000251	0.000302	0.000361	0.001026	0.001921	4.38E-06	8.3E-05	6.27E-05	2.61E-08	2.25E-08	89.49871	0	11.24536	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.021884	0.026305	0.031462	0.134746	0.159792	0.443619	0.005681	0.004366	8.56E-06	6.14E-06	24435.27	8497.2	3381.746	314396.4
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.092858	0.111688	0.133485	0.341842	0.623462	0.001314	0.030921	0.023362	9.1E-06	7.83E-06	31172.08	0	4747.536	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.007355	0.008847	0.010573	0.028195	0.054462	0.000115	0.002694	0.002036	7.37E-07	6.35E-07	2526.434	0	321.0088	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.00877	0.010548	0.012607	0.040297	0.066665	0.000155	0.002513	0.001899	9.78E-07	8.43E-07	3353.138	0	528.6369	0
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.125096	0.151366	0.180138	0.750847	1.417838	126.4427	0.079269	0.072928	0.001165	0.001032	4102294	1449422	2593.248	1.8E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.56703	0.686106	0.816523	3.60446	8.936857	760.0456	0.344976	0.317378	0.00701	0.006203	24658844	3084981	2714.174	1.25E+09
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.136912	0.165663	0.197153	0.975209	1.945631	169.3254	0.094254	0.086713	0.001561	0.001382	5493578	1473919	3924.642	2.54E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.033138	0.040097	0.047718	0.200205	0.44065	39.80312	0.024149	0.022218	0.000367	0.000325	1291368	463109.4	1392.921	59912984
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.019778	0.023932	0.028481	0.125582	0.267425	23.1697	0.014382	0.013231	0.000214	0.000189	751715.4	309118.8	789.2194	40623033
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.120883	0.146269	0.174072	0.721676	1.226448	103.2862	0.079964	0.073567	0.000951	0.000843	3351007	2100705	7261.227	1.69E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.085684	0.103678	0.123385	0.717751	1.20396	112.0722	0.076022	0.069941	0.001034	0.000915	3636059	1736253	7315.142	1.74E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.081382	0.098473	0.11719	0.728468	1.07098	66.21148	0.054366	0.050017	0.00061	0.00054	2148158	418894.8	646.75	1.05E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.725346	0.877669	1.044499	4.509997	10.72713	912.2833	0.488949	0.449833	0.008413	0.007446	29598027	7823432	9480.883	1.58E+09
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.469419	0.567997	0.675964	4.339906	7.564621	593.3834	0.312199	0.287223	0.005472	0.004843	19251670	2099067	5326.812	7.71E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.084506	0.102253	0.121689	0.716823	1.054135	108.7645	0.071876	0.066126	0.001003	0.000888	3528745	2778037	9486.008	1.82E+08
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.006114	0.007398	0.008804	0.041023	0.112694	12.46819	0.004332	0.003986	0.000115	0.000102	404516.5	98537.9	435.6081	25892833
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.788974	0.954658	1.136122	5.382192	9.411756	835.7972	0.648362	0.596493	0.007704	0.006822	27116520	14399691	28611.89	1.42E+09
Statewide	2010	Construction and Mini	Aggregate	Aggregate	Diesel	0.04297	0.051994	0.061877	0.230313	0.394176	34.30482	0.026486	0.024368	0.000316	0.00028	1112982	524356.2	1718.858	41301637
Statewide	2010	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.035278	0.042687	0.050801	0.329625	0.486137	52.76548	0.030958	0.028481	0.000487	0.000431	1711918	1647752	6447.155	1.04E+08
Statewide	2010	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.309698	0.374734	0.445964	1.733947	3.155078	222.164	0.237022	0.21806	0.002045	0.001813	7207865	7711465	12094.45	6.9E+08
Statewide	2010	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007664	0.009219	0.011018	0.036577	0.056453	0.000117	0.002947	0.002227	8.75E-07	7.54E-07	2999.067	0	1211.994	0
Statewide	2010	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006264	0.007534	0.009005	0.030168	0.04894	0.000114	0.00208	0.001571	7.19E-07	6.2E-07	2465.722	0	298.4174	0
Statewide	2010	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00194	0.002333	0.002788	0.010183	0.015428	3.61E-05	0.000671	0.000507	2.35E-07	2.03E-07	806.3751	0	149.8739	0
Statewide	2010	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.1305	0.157905	0.18792	0.742481	1.241431	107.2988	0.0792	0.072864	0.000988	0.000876	3481192	2175319	3078.962	1.92E+08
Statewide	2010	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.053271	0.064457	0.07671	0.361823	0.727065	62.90956	0.03933	0.036184	0.00058	0.000513	2041031	594578.3	926.1503	99495939
Statewide	2010	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.09526	0.113419	0.137165	0.332879	0.294543	27.73392	0.031069	0.029021	0.000351	0.000238	946324	835667.5	1194.501	30919698
Statewide	2010	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.260011	0.310498	0.374208	1.045663	1.323188	130.2845	0.091089	0.094408	0.001486	0.001095	4355865	1682259	14675.94	55514562
Statewide	2010	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001137	0.001359	0.001637	0.004957	0.006905	0.67366	0.000422	0.000449	7.6E-06	5.51E-06	21918.62	16910.45	436.9148	642597.1
Statewide	2010	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.163628	0.195408	0.235492	0.609562	0.745195	71.95153	0.055567	0.057556	0.000829	0.000607	2411920	878091.5	7641.706	32489384
Statewide	2010	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.428135	0.510123	0.616395	1.523957	1.504212	144.053	0.141924	0.136021	0.001773	0.001228	4883292	3295432	8705.114	1.52E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.022763	0.027543	0.032779	0.191324	0.440953	59.65542	0.017198	0.015822	0.000551	0.000487	1935454	337618.8	1094.73	74606952
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.142707	0.172676	0.205498	1.033268	2.044465	141.2395	0.096861	0.089112	0.001302	0.001153	4582361	1330266	3293.401	3.08E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.278225	0.336652	0.400644	1.871257	4.160032	349.614	0.196351	0.180643	0.003224	0.002854	11342841	2402871	6066.399	5.11E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.365468	0.442216	0.526273	2.527087	5.79588	628.2495	0.251849	0.231702	0.005798	0.005128	20382862	6507960	11790.81	1.03E+09
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.195232	0.23623	0.281133	1.044908	2.909603	237.52	0.12885	0.118542	0.00219	0.001939	7706074	1922499	3811.762	3.64E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.00168	0.00202	0.002415	0.007332	0.012942	2.92E-05	0.000567	0.000428	1.82E-07	1.56E-07	622.562	0	101.3024	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.002202	0.002649	0.003166	0.011854	0.015896	3.53E-05	0.000787	0.000595	2.71E-07	2.34E-07	930.2878	0	675.94	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.002947	0.00351	0.004243	0.011642	0.012303	1.019184	0.001047	0.000948	1.32E-05	8.64E-06	34336.42	24257.9	62.20866	800510.7
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.000218	0.000262	0.000314	0.000841	0.00161	3.45E-06	7.72E-05	5.83E-05	2.19E-08	1.89E-08	75.16793	0	28.38416	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.001411	0.001697	0.002028	0.00579	0.010731	2.47E-05	0.000382	0.000289	1.47E-07	1.27E-07	504.1855	0	44.81	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.004101	0.004932	0.005895	0.024252	0.03099	7.4E-05	0.001119	0.000845	5.38E-07	4.63E-07	1843.42	0	423.2707	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.000425	0.000511	0.000611	0.00161	0.003072	6.48E-06	0.00015	0.000113	4.23E-08	3.65E-08	145.056	0	17.59	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.000642	0.000772	0.000923	0.002587	0.004982	1.11E-05	0.000218	0.000165	6.62E-08	5.7E-08	226.9559	0	43.89467	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.001342	0.001614	0.001929	0.008455	0.010112	2.44E-05	0.000377	0.000285	1.84E-07	1.58E-07	629.6165	0	391.24	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.009401	0.011307	0.013514	0.049321	0.071369	0.000168	0.002762	0.002087	1.14E-06	9.82E-07	3906.381	0	1196.555	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.00026	0.000312	0.000373	0.001063	0.001979	4.54E-06	7.73E-05	5.84E-05	2.7E-08	2.33E-08	92.66474	0	11.65694	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.022151	0.026628	0.031846	0.136813	0.162333	0.450882	0.005804	0.004456	8.7E-06	6.24E-06	24823.72	8643.2	3437.166	319798.4
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.089725	0.10792	0.128981	0.337585	0.621583	0.001331	0.028233	0.021331	8.9E-06	7.66E-06	30493.02	0	4810.122	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.007178	0.008633	0.010318	0.028177	0.053876	0.000117	0.002517	0.001902	7.29E-07	6.28E-07	2499.389	0	326.4204	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.008944	0.010758	0.012857	0.04111	0.067916	0.000158	0.002336	0.001765	9.98E-07	8.6E-07	3420.386	0	538.3533	0
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.127922	0.154785	0.184208	0.771641	1.445208	133.0527	0.080769	0.074308	0.001226	0.001086	4316748	1525584	2684.142	1.89E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.595981	0.721137	0.858213	3.755053	9.193482	799.6696	0.356006	0.327526	0.007375	0.006527	25944401	3247069	2809.306	1.31E+09
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.138596	0.167702	0.199579	0.979509	1.960529	178.2304	0.095559	0.087914	0.001644	0.001455	5782491	1551336	4062.202	2.68E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.034089	0.041248	0.049088	0.210531	0.451221	41.89207	0.024778	0.022796	0.000386	0.000342	1359142	487480	1441.743	63043379
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.020067	0.024281	0.028896	0.128501	0.271173	24.38823	0.01462	0.013451	0.000225	0.000199	791249.4	325385.4	816.8819	42768638
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.121777	0.14735	0.175359	0.750836	1.239315	108.6685	0.080874	0.074404	0.001001	0.000887	3525629	2211033	7515.735	1.78E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.081615	0.098754	0.117525	0.747147	1.185604	117.9268	0.073078	0.067232	0.001088	0.000963	3826005	1828230	7571.54	1.84E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.085469	0.103417	0.123075	0.76162	1.117784	69.71583	0.056814	0.052269	0.000642	0.000569	2261853	440910.6	669.4188	1.1E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.763764	0.924154	1.09982	4.718879	11.11669	959.8327	0.508622	0.467932	0.008851	0.007834	31140714	8234492	9813.191	1.66E+09
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.4926	0.596046	0.709344	4.536336	7.863932	624.5839	0.325162	0.299149	0.00576	0.005098	20263937	2209226	5513.519	8.11E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.08055	0.097465	0.115991	0.74575	1.051016	114.4233	0.069636	0.064065	0.001055	0.000934	3712338	2923875	9818.496	1.92E+08
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.006347	0.00768	0.00914	0.042576	0.116436	13.11244	0.004454	0.004098	0.000121	0.000107	425418.6	103728.2	450.8763	27240319
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.803124	0.97178	1.156498	5.648635	9.618276	878.7237	0.663909	0.610797	0.0081	0.007172	28509222	15156397	29614.75	1.49E+09
Statewide	2011	Construction and Mini	Aggregate	Aggregate	Diesel	0.044048	0.053298	0.063429	0.240543	0.400922	36.11747	0.027143	0.024971	0.000333	0.000295	1171791	551918.9	1779.105	43471340
Statewide	2011	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.030365	0.036741	0.043725	0.338438	0.481859	55.53826	0.028312	0.026047	0.000513	0.000453	1801878	1734340	6673.129	1.09E+08
Statewide	2011	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.319379	0.386449	0.459906	1.81843	3.249978	233.8385	0.246168	0.226474	0.002152	0.001909	7586633	8116696	12518.37	7.26E+08
Statewide	2011	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007514	0.009037	0.010801	0.035881	0.05595	0.000118	0.002717	0.002053	8.58E-07	7.39E-07	2941.388	0	1226.879	0
Statewide	2011	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.00613	0.007373	0.008812	0.029593	0.047877	0.000112	0.001776	0.001342	7.05E-07	6.07E-07	2416.514	0	293.2866	0

Statewide	2011	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001865	0.002244	0.002681	0.009791	0.014816	3.47E-05	0.000561	0.000424	2.26E-07	1.95E-07	775.3882	0	144.0752	0
Statewide	2011	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.133948	0.162077	0.192884	0.767576	1.263821	112.9373	0.081076	0.07459	0.00104	0.000922	3664126	2289630	3186.881	2.02E+08
Statewide	2011	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.054858	0.066378	0.078995	0.373984	0.747193	66.21541	0.040344	0.037116	0.000611	0.00054	2148286	625823	958.6121	1.05E+08
Statewide	2011	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.089755	0.106865	0.129237	0.325555	0.291673	27.92209	0.029762	0.027794	0.000353	0.000239	951051.8	841409	1202.571	31132131
Statewide	2011	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.245517	0.293209	0.353345	1.022387	1.301557	131.1682	0.08693	0.090082	0.001496	0.001102	4380943	1693735	14775.25	55893257
Statewide	2011	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.001071	0.00128	0.001541	0.004857	0.006764	0.678169	0.000401	0.000427	7.65E-06	5.55E-06	22091.27	17049.15	439.9447	647867.7
Statewide	2011	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.154182	0.184134	0.221897	0.596628	0.732249	72.44095	0.052898	0.054729	0.000834	0.00061	2425505	884092	7693.381	32711406
Statewide	2011	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.403873	0.48122	0.581465	1.491942	1.486528	145.032	0.13585	0.130127	0.001785	0.001235	4909078	3317792	8764.112	1.53E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.0243	0.029403	0.034992	0.203014	0.457641	62.62738	0.017892	0.016461	0.000578	0.000511	2031876	354460.1	1130.992	78361007
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.149804	0.181263	0.215718	1.079148	2.135223	148.2729	0.101414	0.093301	0.001366	0.00121	4810552	1396694	3402.494	3.23E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.296202	0.358405	0.426531	1.975471	4.375126	367.054	0.208185	0.191531	0.003385	0.002996	11908662	2522778	6267.345	5.37E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.387401	0.468756	0.557858	2.678438	6.007442	659.6478	0.262075	0.241109	0.006087	0.005384	21401546	6832932	12181.38	1.08E+09
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.208038	0.251726	0.299575	1.103136	3.058667	249.381	0.13613	0.125239	0.002299	0.002035	8090893	2018403	3938.024	3.83E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.001719	0.002067	0.002471	0.007538	0.013167	3.01E-05	0.000539	0.000407	1.86E-07	1.61E-07	638.8618	0	104.1383	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.002166	0.002606	0.003114	0.011931	0.015834	3.59E-05	0.000728	0.00055	2.71E-07	2.33E-07	928.8878	0	686.9	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.002773	0.003304	0.003992	0.011487	0.012321	1.035601	0.000997	0.000904	1.34E-05	8.77E-06	34852	24688.6	63.09632	814723.8
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.000214	0.000257	0.000307	0.000841	0.001598	3.51E-06	7.26E-05	5.48E-05	2.17E-08	1.87E-08	74.53021	0	28.86868	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.001432	0.001722	0.002058	0.005878	0.010883	2.51E-05	0.000373	0.000282	1.49E-07	1.29E-07	511.7438	0	45.49	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.004169	0.005014	0.005992	0.024668	0.031482	7.53E-05	0.001111	0.000839	5.47E-07	4.71E-07	1874.72	0	430.5414	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.000417	0.000502	0.0006	0.00161	0.003052	6.58E-06	0.000142	0.000107	4.2E-08	3.62E-08	143.8401	0	17.86	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.00065	0.000782	0.000934	0.002633	0.005015	1.13E-05	0.000205	0.000155	6.72E-08	5.79E-08	230.456	0	44.66656	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.001362	0.001639	0.001958	0.008595	0.010261	2.48E-05	0.000369	0.000279	1.87E-07	1.61E-07	639.8098	0	397.71	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.009565	0.011504	0.013749	0.050217	0.072505	0.000171	0.002642	0.001996	1.16E-06	9.99E-07	3976.298	0	1217.82	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.000263	0.000316	0.000378	0.001079	0.002001	4.61E-06	7.07E-05	5.34E-05	2.74E-08	2.36E-08	93.96268	0	11.82772	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.022406	0.026935	0.032212	0.138857	0.16487	0.458145	0.00601	0.004608	8.84E-06	6.34E-06	25194.11	8822.05	3492.682	326415.8
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.086836	0.104445	0.124828	0.33356	0.620679	0.001348	0.026644	0.020131	8.71E-06	7.51E-06	29861.72	0	4868.259	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.007065	0.008497	0.010156	0.028288	0.053445	0.000119	0.002355	0.001779	7.26E-07	6.25E-07	2488.375	0	331.8262	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.009089	0.010932	0.013065	0.041777	0.068969	0.000161	0.002339	0.001767	1.01E-06	8.74E-07	3475.768	0	546.4068	0
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.134516	0.162764	0.193703	0.812811	1.500709	139.708	0.084315	0.07757	0.001288	0.00114	4532674	1601808	2773.053	1.99E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.635246	0.768647	0.914754	3.971085	9.591877	839.533	0.374271	0.344329	0.007743	0.006852	27237722	3409141	2902.363	1.38E+09
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.147213	0.178128	0.211987	1.039535	2.054601	187.1206	0.100916	0.092843	0.001726	0.001527	6070922	1628799	4196.76	2.81E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.036134	0.043722	0.052033	0.222492	0.473137	43.98412	0.026156	0.024064	0.000406	0.000359	1427016	511776.9	1489.5	66185034
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.021334	0.025814	0.03072	0.135961	0.285302	25.60389	0.015526	0.014284	0.000236	0.000209	830689.9	341628.2	843.9407	44902403
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.12853	0.155522	0.185084	0.794484	1.29258	114.0806	0.084957	0.07816	0.001051	0.000931	3701218	2321404	7764.69	1.87E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.083133	0.100591	0.119711	0.784731	1.214082	123.7939	0.074228	0.06829	0.001142	0.00101	4016358	1919180	7822.344	1.93E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.090353	0.109328	0.130109	0.797496	1.172679	73.18733	0.059802	0.055018	0.000674	0.000597	2374482	462911.1	691.5929	1.16E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.816539	0.988012	1.175816	5.002684	11.65054	1007.613	0.536626	0.493696	0.009291	0.008224	32690893	8645708	10138.25	1.75E+09
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.523226	0.633103	0.753445	4.786234	8.259881	655.8089	0.343003	0.315563	0.006048	0.005353	21276997	2319660	5696.151	8.52E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.081835	0.099021	0.117843	0.783012	1.072806	120.0848	0.070168	0.064555	0.001108	0.00098	3896019	3070055	10143.73	2.01E+08
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.006654	0.008051	0.009582	0.044372	0.120628	13.75636	0.004632	0.004262	0.000127	0.000112	446309.8	108905.9	465.8114	28578472
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.84552	1.02308	1.217549	5.980918	10.03613	922.4189	0.696626	0.640896	0.008503	0.007529	29926865	15913078	30595.72	1.56E+09
Statewide	2012	Construction and Mini	Aggregate	Aggregate	Diesel	0.046539	0.056313	0.067017	0.252936	0.41705	37.92327	0.028546	0.026262	0.000349	0.00031	1230379	579475.1	1838.037	45643631
Statewide	2012	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.028124	0.03403	0.040499	0.352712	0.477447	58.31105	0.026322	0.024217	0.000538	0.000476	1891838	1820928	6894.174	1.14E+08
Statewide	2012	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.336906	0.407656	0.485144	1.923812	3.400653	245.513	0.259811	0.239027	0.00226	0.002004	7965400	8521928	12933.03	7.63E+08
Statewide	2012	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007387	0.008885	0.010619	0.035203	0.055529	0.000119	0.002524	0.001907	8.43E-07	7.26E-07	2888.217	0	1240.168	0
Statewide	2012	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006008	0.007226	0.008636	0.029065	0.046924	0.00011	0.001617	0.001221	6.92E-07	5.96E-07	2371.473	0	288.623	0
Statewide	2012	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001775	0.002135	0.002551	0.009328	0.014088	3.31E-05	0.000506	0.000382	2.15E-07	1.86E-07	738.4164	0	137.2825	0
Statewide	2012	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.142302	0.172185	0.204914	0.816688	1.31939	118.5758	0.08544	0.078604	0.001092	0.000968	3847060	2403941	3292.445	2.12E+08
Statewide	2012	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.057082	0.069069	0.082198	0.384634	0.771938	69.52126	0.041661	0.038328	0.000641	0.000567	2255541	657067.6	990.3657	1.1E+08
Statewide	2012	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.083139	0.098988	0.119711	0.315544	0.287513	28.02802	0.028173	0.026305	0.000355	0.00024	952734	844573.5	1207.021	31249220
Statewide	2012	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.229478	0.274081	0.330256	0.993148	1.274482	131.6634	0.082264	0.085269	0.001501	0.001105	4392478	1700061	14831	56101997
Statewide	2012	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000999	0.001195	0.001438	0.004735	0.006599	0.68116	0.000379	0.000404	7.68E-06	5.57E-06	22167.17	17118.5	441.9443	650503
Statewide	2012	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.143351	0.171207	0.206307	0.580098	0.716043	72.71333	0.049825	0.051485	0.000837	0.000611	2431625	887468.3	7722.519	32836327
Statewide	2012	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.37522	0.447086	0.540211	1.449095	1.462404	145.5781	0.128619	0.12313	0.001792	0.001237	4919264	3330260	8797.45	1.53E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.02449	0.029632	0.035265	0.211377	0.45202	65.57289	0.017452	0.016056	0.000606	0.000535	2127440	371297.8	1166.497	82146333
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.154025	0.18637	0.221796	1.104712	2.181589	155.3253	0.103897	0.095586	0.001431	0.001268	5039357	1463116	3509.305	3.38E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.309195	0.374127	0.445242	2.049129	4.522986	384.4794	0.216524	0.199202	0.003545	0.003138	12474010	2642813	6464.09	5.62E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.386363	0.467499	0.556363	2.76456	5.868432	691.1641	0.254328	0.233982	0.006379	0.005641	22424058	7157800	12563.78	1.13E+09
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.219046	0.265046	0.315427	1.155614	3.179855	261.1621	0.142133	0.130762	0.002408	0.002132	8473116	2114382	4061.647	4E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.00175	0.002105	0.002516	0.007695	0.013348	3.07E-05	0.000512	0.000386	1.9E-07	1.64E-07	651.4801	0	106.3006	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.002143	0.002578	0.003081	0.012023	0.015851	3.64E-05	0.000677	0.000512	2.71E-07	2.34E-07	930.1418	0	697.69	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.002592	0.003089	0.003732	0.011324	0.012105	1.052019	0.00093	0.000844	1.36E-05	8.9E-06	35360.15	25028.05	63.96349	825925.7
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.000211	0.000253	0.000303	0.000844	0.001586	3.56E-06	6.83E-05	5.16E-05	2.17E-08	1.87E-08	74.20572	0	29.28052	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.001456	0.001751	0.002093	0.005976	0.011065	2.55E-05	0.000373	0.000282	1.52E-07	1.31E-07	520.2935	0	46.25	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.00424	0.0051	0.006095	0.025099	0.032004	7.66E-05	0.001124	0.000849	5.56E-07	4.79E-07	1907.216	0	438.0621	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.00041	0.000493	0.000589	0.001611	0.003035	6.68E-06	0.000135	0.000102	4.17E-08	3.59E-08	142.8025	0	18.12	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.000657	0.000791	0.000945	0.002675	0.005048	1.14E-05	0.000193	0.000146	6.82E-08	5.87E-08	233.7241	0	45.38097	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.001383	0.001664	0.001989	0.008729	0.010421	2.52E-05	0.000367	0.000278	1.9E-07	1.63E-07	649.7839	0	403.91	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.009718	0.011688	0.013969	0.051043	0.073589	0.000174	0.002577	0.001947	1.18E-06	1.02E-06	4041.016	0	1237.424	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.000263	0.000316	0.000378	0.001078	0.001996	4.61E-06	6.88E-05	5.2E-05	2.74E-08	2.36E-08	93.85948	0	11.81857	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.022655	0.027236	0.03257	0.140892	0.167294	0.465408	0.006102	0.004673	8.98E-06	6.43E-06	25575.4	8953.45	3548.142	331277.6
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.08576	0.10315	0.123281	0.333464	0.621857	0.001364	0.025709	0.019424	8.67E-06	7.46E-06	29698.39	0	4925.932	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.007049	0.008478	0.010132	0.028526	0.053746	0.000121	0.002211	0.001671	7.29E-07	6.28E-07	2498.185	0	337.297	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.0092	0.011066	0.013225	0.042299	0.069792	0.000163	0.002378	0.001796	1.03E-06	8.84E-07	3518.863	0	553.0829	0
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.133106	0.161058	0.191673	0.802006	1.473014	146.3753	0.082774	0.076152	0.001349	0.001195	4748985	1677951	2860.105	2.08E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.64503	0.780486	0.928843	4.00289	9.611666	879.5313	0.373049	0.343205	0.008112	0.007179	28535425	3571370	2993.475	1.45E+09
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.14902	0.180315	0.214589	1.049289	2.053634	195.9325	0.101258	0.093157	0.001807	0.001599	6356813	1706304	4328.505	2.94E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.035948	0.043497	0.051765	0.231421	0.472508	46.09161	0.025828	0.023762	0.000425	0.000376	1495392	536149.6	1536.259	69393568
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.020686	0.02503	0.029788	0.137489	0.28052	26.80055	0.014961	0.013764	0.000247	0.000219	869514.4	357818.6	870.4337	47031018

Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.128281	0.15522	0.184724	0.818739	1.285593	119.5038	0.083955	0.077239	0.001101	0.000975	3877168	2431725	8008.44	1.95E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.076394	0.092436	0.110007	0.809362	1.168379	129.657	0.067533	0.062131	0.001196	0.001058	4206579	2010708	8067.903	2.02E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.093395	0.113008	0.134488	0.815447	1.202448	76.65912	0.06155	0.056626	0.000706	0.000626	2487121	484931.4	713.3035	1.21E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.8509	1.029588	1.225295	5.199502	11.94722	1055.402	0.551144	0.507052	0.009732	0.008614	34241353	9056777	10456.51	1.83E+09
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.542101	0.655943	0.780626	4.929975	8.4765	687.0039	0.35219	0.324015	0.006335	0.005607	22289085	2429949	5874.965	8.93E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.077295	0.093527	0.111304	0.8098	1.051903	125.733	0.065288	0.060065	0.00116	0.001026	4079270	3216092	10462.16	2.11E+08
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.006675	0.008076	0.009612	0.045514	0.121284	14.40722	0.004625	0.004255	0.000133	0.000118	467426.2	114083.4	480.4342	29932936
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.856066	1.035839	1.232734	6.240862	10.18348	965.7608	0.699899	0.643907	0.008903	0.007882	31333045	16669620	31556.19	1.64E+09
Statewide	2013	Construction and Mini	Aggregate	Aggregate	Diesel	0.048035	0.058123	0.069171	0.265301	0.429052	39.71377	0.029351	0.027003	0.000366	0.000324	1288469	607019.7	1895.737	47827817
Statewide	2013	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.024327	0.029436	0.035032	0.362484	0.453825	61.08383	0.022136	0.020365	0.000564	0.000499	1981798	1907516	7110.596	1.2E+08
Statewide	2013	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.341137	0.412776	0.491237	1.999196	3.452016	257.1876	0.263761	0.24266	0.002368	0.002099	8344168	8927159	13339.03	7.99E+08
Statewide	2013	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007316	0.008799	0.010516	0.035079	0.055281	0.000121	0.002399	0.001813	8.38E-07	7.22E-07	2871.357	0	1253.77	0
Statewide	2013	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.00592	0.00712	0.00851	0.028682	0.04625	0.000108	0.001581	0.001195	6.82E-07	5.88E-07	2338.907	0	285.2353	0
Statewide	2013	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001698	0.002043	0.002441	0.008946	0.013476	3.17E-05	0.000471	0.000356	2.06E-07	1.78E-07	707.5455	0	131.6925	0
Statewide	2013	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.142646	0.172602	0.205411	0.842687	1.300332	124.2142	0.084875	0.078085	0.001144	0.001014	4029994	2518252	3395.802	2.22E+08
Statewide	2013	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.055874	0.067607	0.080458	0.384331	0.757368	72.82711	0.03969	0.036515	0.000672	0.000594	2362795	688312.2	1021.455	1.15E+08
Statewide	2013	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.076091	0.090598	0.109563	0.304772	0.27767	28.1335	0.026062	0.024336	0.000356	0.00024	954283.5	847676	1211.681	31364012
Statewide	2013	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.213032	0.254471	0.306581	0.963016	1.231883	132.1495	0.076361	0.079322	0.001506	0.001107	4403729	1706470	14885.9	56313507
Statewide	2013	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000926	0.001108	0.001333	0.004608	0.006355	0.683621	0.000351	0.000375	7.71E-06	5.59E-06	22237.31	17191.5	443.3942	653277
Statewide	2013	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.132152	0.157841	0.190187	0.562946	0.690709	72.98246	0.045997	0.047541	0.00084	0.000613	2437451	890764.2	7750.887	32958277
Statewide	2013	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.344921	0.410994	0.496587	1.403326	1.412253	146.1167	0.119092	0.114018	0.001798	0.00124	4928773	3342633	8829.859	1.54E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.024054	0.029106	0.034638	0.217027	0.435724	68.52641	0.016463	0.015146	0.000633	0.000559	2223264	388144.2	1201.288	85848787
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.156453	0.189308	0.225292	1.123717	2.202949	162.3722	0.10508	0.096674	0.001497	0.001325	5267987	1529535	3613.973	3.54E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.318104	0.384906	0.45807	2.113256	4.600129	401.8099	0.221694	0.203958	0.003705	0.00328	13036281	2762781	6656.887	5.88E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.378752	0.45829	0.545403	2.838406	5.584873	722.6323	0.242642	0.22323	0.00667	0.005898	23445009	7482782	12938.5	1.18E+09
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.229545	0.277749	0.330545	1.207381	3.299344	272.9187	0.14753	0.135728	0.002516	0.002228	8854546	2210457	4182.789	4.19E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.001772	0.002131	0.002547	0.007798	0.013478	3.12E-05	0.00049	0.00037	1.93E-07	1.66E-07	660.0087	0	107.7008	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.002148	0.002583	0.003087	0.012171	0.015941	3.7E-05	0.000638	0.000482	2.74E-07	2.36E-07	938.4163	0	708.63	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.002409	0.002871	0.003469	0.011165	0.0119	1.068437	0.00087	0.000788	1.38E-05	9.02E-06	35839.42	25480.65	64.93931	840861.4
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.00021	0.000253	0.000302	0.000852	0.001598	3.62E-06	6.46E-05	4.88E-05	2.18E-08	1.87E-08	74.58625	0	29.77368	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.001479	0.001779	0.002127	0.006073	0.011244	2.6E-05	0.000377	0.000285	1.54E-07	1.33E-07	528.7307	0	47	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.004311	0.005185	0.006197	0.025528	0.032532	7.79E-05	0.001141	0.000862	5.66E-07	4.88E-07	1939.678	0	445.5592	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.000404	0.000486	0.00058	0.001614	0.003018	6.77E-06	0.000128	9.66E-05	4.14E-08	3.57E-08	142.0548	0	18.37	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.000666	0.000801	0.000957	0.002719	0.00509	1.16E-05	0.000189	0.000143	6.92E-08	5.96E-08	237.2024	0	46.12701	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.001405	0.00169	0.00202	0.008865	0.010584	2.55E-05	0.000371	0.00028	1.93E-07	1.66E-07	659.951	0	410.2299	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.009862	0.011861	0.014176	0.051807	0.074633	0.000176	0.002598	0.001963	1.2E-06	1.03E-06	4101.344	0	1255.587	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.00026	0.000313	0.000374	0.001067	0.001975	4.56E-06	6.71E-05	5.07E-05	2.71E-08	2.33E-08	92.87922	0	11.69565	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.022904	0.027536	0.032927	0.142929	0.169721	0.472671	0.00617	0.004719	9.12E-06	6.52E-06	25927.48	9110.4	3603.656	337084.8
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.085294	0.102589	0.122611	0.334848	0.62398	0.001381	0.025095	0.018961	8.67E-06	7.47E-06	29700.52	0	4987.752	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.007089	0.008526	0.01019	0.028871	0.054228	0.000123	0.002085	0.001575	7.36E-07	6.34E-07	2521.769	0	342.7837	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.009285	0.011168	0.013348	0.042677	0.070432	0.000164	0.002401	0.001814	1.04E-06	8.92E-07	3550.768	0	557.4701	0
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.129002	0.156092	0.185763	0.800704	1.410317	152.9929	0.078969	0.072651	0.001411	0.001249	4963686	1754143	2945.41	2.18E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.617128	0.746725	0.888665	3.846273	9.154347	917.7588	0.348914	0.321001	0.008467	0.007491	29775675	3733437	3082.758	1.51E+09
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.145078	0.175544	0.208912	1.016811	1.979364	204.6119	0.097657	0.089844	0.001887	0.00167	6638406	1783747	4457.607	3.08E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.036128	0.043715	0.052024	0.240778	0.472352	48.18317	0.025812	0.023747	0.000444	0.000393	1563250	560475.9	1582.079	72572100
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.02032	0.024587	0.029261	0.140954	0.276225	28.01691	0.014686	0.013511	0.000258	0.000229	908977.7	374076	896.3952	49172887
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.127936	0.154802	0.184228	0.84785	1.268737	124.9013	0.082848	0.07622	0.001151	0.001019	4052286	2542171	8247.298	2.04E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.071052	0.085973	0.102315	0.835622	1.105808	135.5345	0.061703	0.056767	0.001251	0.001106	4397269	2101628	8308.535	2.11E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.095864	0.115996	0.138045	0.820878	1.222421	80.07784	0.062713	0.057696	0.000737	0.000654	2598037	506944	734.5784	1.27E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.85987	1.040442	1.238213	5.27272	11.91085	1102.265	0.547005	0.503245	0.010165	0.008997	35761777	9467828	10768.38	1.91E+09
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.544764	0.659165	0.784461	4.899836	8.450384	718.0311	0.350259	0.322238	0.006622	0.00586	23295728	2540228	6050.191	9.33E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.071722	0.086783	0.103279	0.835502	0.99953	131.4506	0.058863	0.054154	0.001213	0.001073	4264770	3362019	10774.2	2.2E+08
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.006601	0.007988	0.009506	0.046669	0.119689	15.06629	0.004512	0.004151	0.000139	0.000123	488809	119255	494.7636	31299739
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.842599	1.019545	1.213342	6.452073	10.08164	1008.15	0.684619	0.629849	0.009296	0.008228	32708314	17426398	32497.38	1.71E+09
Statewide	2014	Construction and Mini	Aggregate	Aggregate	Diesel	0.048629	0.058841	0.070026	0.276054	0.43056	41.47732	0.029589	0.027222	0.000382	0.000339	1345686	634570.1	1952.279	49976773
Statewide	2014	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.021432	0.025932	0.030861	0.374074	0.422006	63.85662	0.01857	0.017084	0.00059	0.000521	2071758	1994104	7322.676	1.25E+08
Statewide	2014	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.336645	0.407341	0.484769	2.058848	3.404634	268.8621	0.260711	0.239854	0.002476	0.002194	8722935	9332391	13736.87	8.35E+08
Statewide	2014	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007264	0.008738	0.010443	0.035079	0.055068	0.000122	0.002323	0.001755	8.36E-07	7.2E-07	2863.829	0	1266.088	0
Statewide	2014	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005853	0.007039	0.008413	0.028383	0.045733	0.000107	0.00156	0.001179	6.75E-07	5.82E-07	2313.756	0	282.5373	0
Statewide	2014	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001628	0.001958	0.00234	0.008587	0.01292	3.04E-05	0.000448	0.000339	1.98E-07	1.71E-07	678.8394	0	126.4331	0
Statewide	2014	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.144268	0.174565	0.207746	0.869183	1.299932	129.8527	0.085081	0.078274	0.001196	0.00106	4212928	2632564	3497.084	2.32E+08
Statewide	2014	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.053399	0.064612	0.076894	0.372383	0.72404	76.13295	0.037388	0.034397	0.000702	0.000621	2470050	719556.8	1051.921	1.2E+08
Statewide	2014	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.068976	0.082127	0.099318	0.294098	0.268008	28.24051	0.023905	0.022326	0.000357	0.00024	955824.8	850760.3	1216.511	31478129
Statewide	2014	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.196807	0.235126	0.283223	0.933909	1.190643	132.6402	0.070486	0.073418	0.001512	0.00111	4415155	1712803	14941.03	56522487
Statewide	2014	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000856	0.001024	0.001232	0.004489	0.006123	0.686444	0.000324	0.000347	7.74E-06	5.61E-06	22300.9	17271.8	445.2541	656328.4
Statewide	2014	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.121092	0.144645	0.174268	0.546288	0.666165	73.25242	0.042187	0.043629	0.000843	0.000614	2443295	894063.9	7779.754	33080362
Statewide	2014	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.314315	0.374537	0.45252	1.357716	1.363259	146.6587	0.109408	0.104774	0.001805	0.001242	4938138	3355102	8862.487	1.54E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.025105	0.030377	0.036151	0.227889	0.439692	71.45874	0.016604	0.015276	0.00066	0.000583	2318400	404993.4	1235.409	89523084
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.160384	0.194065	0.230953	1.156753	2.248963	169.4069	0.10719	0.098615	0.001561	0.001383	5496219	1595984	3716.622	3.69E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.331444	0.401047	0.47728	2.18553	4.741309	419.3305	0.229767	0.211386	0.003867	0.003423	13604717	2882725	6845.964	6.13E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.392199	0.47456	0.564766	2.96396	5.620178	753.9583	0.245532	0.225889	0.006959	0.006154	24461348	7807547	13306	1.23E+09
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.240959	0.291561	0.346981	1.26137	3.425835	284.7447	0.153418	0.141144	0.002625	0.002324	9238228	2306398	4301.594	4.37E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.001788	0.002151	0.00257	0.007866	0.013583	3.15E-05	0.000481	0.000363	1.94E-07	1.67E-07	665.8326	0	108.6187	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.00216	0.002598	0.003105	0.012331	0.016056	3.76E-05	0.000624	0.000471	2.77E-07	2.38E-07	948.3325	0	719.57	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.00224	0.00267	0.003225	0.011052	0.011733	1.084856	0.000812	0.000735	1.41E-05	9.15E-06	36384.8	25845.65	65.87926	852906.5
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.000212	0.000254	0.000304	0.000862	0.001614	3.68E-06	6.13E-05	4.63E-05	2.2E-08	1.89E-08	75.28738	0	30.28191	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.001503	0.001807	0.00216	0.006169	0.011421	2.64E-05	0.000383	0.000289	1.57E-07	1.35E-07	537.0554	0	47.74	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.004384	0.005273	0.006302	0.025963	0.033076	7.92E-05	0.001159	0.000876	5.76E-07	4.96E-07	1972.615	0	453.1446	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.000402	0.000483	0.000577	0.001623	0.003037	6.87E-06	0.000121	9.15E-05	4.15E-08	3.58E-08	142.2489	0	18.65	0

Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.000675	0.000812	0.00097	0.002764	0.005143	1.18E-05	0.000187	0.000141	7.03E-08	6.05E-08	240.8617	0	46.89379	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.001427	0.001716	0.002051	0.009001	0.010746	2.59E-05	0.000377	0.000285	1.96E-07	1.68E-07	670.07	0	416.52	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.01	0.012027	0.014375	0.052532	0.075655	0.000179	0.002624	0.001983	1.21E-06	1.05E-06	4158.728	0	1272.879	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.000256	0.000308	0.000368	0.00105	0.001945	4.49E-06	6.55E-05	4.95E-05	2.67E-08	2.3E-08	91.44704	0	11.5153	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.023159	0.027845	0.033294	0.144987	0.172163	0.479935	0.006231	0.004761	9.26E-06	6.62E-06	26315.93	9289.25	3659.116	343702.2
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.084955	0.102183	0.122125	0.336508	0.626236	0.001398	0.024592	0.018581	8.68E-06	7.47E-06	29735.64	0	5049.494	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.007171	0.008625	0.010308	0.029302	0.054797	0.000125	0.001984	0.001499	7.46E-07	6.42E-07	2555.857	0	348.2696	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.009346	0.011241	0.013434	0.042956	0.07089	0.000165	0.002411	0.001822	1.04E-06	8.98E-07	3573.946	0	561.1791	0
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.130256	0.15761	0.187569	0.823348	1.417202	159.6214	0.078857	0.072549	0.001472	0.001303	5178739	1830279	3029.07	2.27E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.628094	0.759994	0.904456	3.882078	9.209468	957.1526	0.348894	0.320982	0.008831	0.007812	31053760	3895584	3170.318	1.58E+09
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.15038	0.18196	0.216547	1.050333	2.02468	213.4339	0.100235	0.092216	0.001969	0.001742	6924629	1861186	4584.217	3.21E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.037271	0.045098	0.053671	0.251533	0.483686	50.27837	0.026484	0.024365	0.000464	0.00041	1631226	584811.6	1627.015	75730060
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.020905	0.025295	0.030103	0.147107	0.28124	29.23963	0.014956	0.01376	0.00027	0.000239	948647.6	390314	921.8557	51323689
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.132014	0.159737	0.1901	0.885537	1.295249	130.3348	0.084933	0.078138	0.001201	0.001064	4228569	2652518	8481.548	2.13E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.071516	0.086535	0.102983	0.871471	1.103902	141.436	0.061022	0.05614	0.001306	0.001154	4588736	2192902	8544.525	2.2E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.100109	0.121132	0.144157	0.849976	1.267958	83.55741	0.065098	0.059891	0.00077	0.000682	2710928	528946.4	755.4428	1.32E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.886491	1.072655	1.276548	5.421124	12.08509	1149.43	0.555877	0.511406	0.0106	0.009381	37292002	9879015	11074.24	1.99E+09
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.560106	0.677728	0.806552	4.957605	8.605626	749.0402	0.357017	0.328456	0.006908	0.006114	24301786	2650506	6222.036	9.74E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.072281	0.08746	0.104085	0.871255	0.995481	137.1171	0.057677	0.053063	0.001266	0.001119	4448615	3508047	11080.23	2.3E+08
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.006914	0.008365	0.009956	0.048827	0.124576	15.71755	0.004688	0.004313	0.000145	0.000128	509938.5	124452.8	508.8164	32660278
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.863122	1.044378	1.242896	6.745318	10.23579	1051.462	0.693431	0.637957	0.009695	0.008582	34113529	18182954	33420.41	1.78E+09
Statewide	2015	Construction and Mini	Aggregate	Aggregate	Diesel	0.050624	0.061255	0.072898	0.289552	0.446244	43.26846	0.030659	0.028206	0.000399	0.000353	1403798	662132.9	2007.73	52130263
Statewide	2015	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.021164	0.025608	0.030476	0.390168	0.411522	66.6294	0.017078	0.015712	0.000615	0.000544	2161718	2080692	7530.663	1.31E+08
Statewide	2015	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.340015	0.411418	0.489622	2.131078	3.416555	280.5367	0.262502	0.241502	0.002584	0.00229	9101703	9737622	14127.05	8.71E+08
Statewide	2015	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007224	0.008688	0.010384	0.035059	0.054854	0.000123	0.002262	0.001709	8.34E-07	7.18E-07	2856.829	0	1276.876	0
Statewide	2015	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005802	0.006978	0.00834	0.028146	0.04534	0.000106	0.001544	0.001167	6.69E-07	5.77E-07	2294.13	0	280.2503	0
Statewide	2015	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001564	0.001881	0.002248	0.00825	0.012413	2.92E-05	0.000429	0.000324	1.9E-07	1.64E-07	652.1938	0	121.4719	0
Statewide	2015	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.146788	0.177613	0.211374	0.901291	1.305759	135.4912	0.085562	0.078717	0.001248	0.001106	4395861	2746875	3596.413	2.42E+08
Statewide	2015	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.054012	0.065354	0.077777	0.38327	0.718872	79.4388	0.036852	0.033904	0.000733	0.000648	2577304	750801.4	1081.799	1.26E+08
Statewide	2015	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.062384	0.07428	0.089826	0.285009	0.259362	28.3463	0.021815	0.020379	0.000359	0.000241	957438.1	853884.6	1221.231	31593732
Statewide	2015	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.181931	0.21739	0.261809	0.909091	1.15346	133.1298	0.064881	0.067787	0.001517	0.001113	4427069	1719099	14996.36	56730264
Statewide	2015	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000791	0.000947	0.001139	0.004387	0.005911	0.688985	0.000298	0.00032	7.76E-06	5.62E-06	22348.61	17322.9	446.704	658270.2
Statewide	2015	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.110975	0.132573	0.159706	0.532123	0.644037	73.52061	0.038567	0.039921	0.000846	0.000616	2449449	897224.8	7808.173	33197316
Statewide	2015	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.285994	0.340804	0.411745	1.31878	1.319416	147.2024	0.100069	0.095871	0.001811	0.001245	4948500	3367534	8895.356	1.55E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.024487	0.029629	0.035261	0.233115	0.416964	74.4322	0.015563	0.014318	0.000687	0.000608	2414871	421884.4	1268.896	93034871
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.159812	0.193372	0.230129	1.158101	2.22782	176.4686	0.106014	0.097533	0.001627	0.00144	5725330	1662345	3817.363	3.84E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.339829	0.411193	0.489353	2.237173	4.810833	436.7935	0.233932	0.215218	0.004028	0.003565	14171282	3002718	7031.529	6.38E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.381589	0.461722	0.549487	3.01716	5.283812	785.0689	0.231062	0.212577	0.007247	0.006408	25470696	8132417	13666.67	1.28E+09
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.246867	0.298709	0.355489	1.302741	3.47913	296.3827	0.155153	0.142741	0.002733	0.002419	9615812	2402415	4418.192	4.54E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.001802	0.002167	0.00259	0.007922	0.013677	3.18E-05	0.000474	0.000358	1.96E-07	1.69E-07	670.7136	0	109.3863	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.002174	0.002615	0.003126	0.012493	0.016196	3.81E-05	0.000615	0.000464	2.8E-07	2.41E-07	958.7628	0	730.49	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.002074	0.002472	0.002986	0.010954	0.011576	1.101273	0.000754	0.000681	1.43E-05	9.28E-06	36893.55	26298.25	66.85122	867842.2
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.000213	0.000257	0.000307	0.000872	0.001628	3.73E-06	5.84E-05	4.41E-05	2.22E-08	1.91E-08	76.07573	0	30.68512	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.001524	0.001834	0.002191	0.006258	0.011586	2.67E-05	0.000389	0.000294	1.59E-07	1.37E-07	544.8176	0	48.43	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.004457	0.005361	0.006407	0.026393	0.033624	8.05E-05	0.001176	0.000889	5.85E-07	5.04E-07	2005.348	0	460.6681	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.000403	0.000484	0.000579	0.001639	0.003063	6.98E-06	0.000116	8.73E-05	4.18E-08	3.6E-08	143.1805	0	18.93	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.000683	0.000822	0.000982	0.002805	0.005193	1.2E-05	0.000184	0.000139	7.12E-08	6.14E-08	244.1744	0	47.58473	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.001449	0.001742	0.002083	0.00914	0.010912	2.63E-05	0.000383	0.00029	1.99E-07	1.71E-07	680.3981	0	422.94	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.010131	0.012185	0.014563	0.053217	0.076639	0.000181	0.002651	0.002003	1.23E-06	1.06E-06	4213.038	0	1289.357	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.000253	0.000304	0.000363	0.001038	0.001921	4.43E-06	6.44E-05	4.87E-05	2.64E-08	2.27E-08	90.34102	0	11.37603	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.023417	0.028156	0.033665	0.147054	0.174609	0.487198	0.006292	0.004802	9.4E-06	6.7E-06	26653.12	9453.5	3714.489	349779.5
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.08466	0.101827	0.121699	0.338063	0.628017	0.001413	0.024137	0.018237	8.69E-06	7.48E-06	29771.62	0	5105.188	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.007275	0.00875	0.010458	0.029783	0.055476	0.000127	0.001967	0.001486	7.57E-07	6.52E-07	2595.849	0	353.9885	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.009375	0.011276	0.013477	0.043116	0.071115	0.000166	0.002415	0.001824	1.05E-06	9.01E-07	3586.477	0	564.0998	0
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.125535	0.151897	0.18077	0.82608	1.338444	166.1554	0.074379	0.068429	0.001532	0.001356	5390730	1906442	3111.175	2.36E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.611867	0.740359	0.881089	3.836917	8.850621	995.9855	0.330664	0.304211	0.00919	0.008129	32313654	4057734	3256.252	1.64E+09
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.150877	0.182562	0.217263	1.069794	1.997235	222.3005	0.099469	0.091511	0.002051	0.001814	7212296	1938593	4708.476	3.34E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.036478	0.044138	0.052528	0.260383	0.469659	52.3627	0.025636	0.023585	0.000483	0.000427	1698850	609147.2	1671.117	78899001
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.020618	0.024948	0.02969	0.150672	0.271274	30.45699	0.014476	0.013318	0.000281	0.000249	988143.3	406575.7	946.8432	53448967
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.128611	0.155619	0.1852	0.907	1.252156	135.7419	0.081651	0.075119	0.001251	0.001108	4403996	2762867	8711.447	2.22E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.067343	0.081485	0.096974	0.902369	1.040157	147.3756	0.055346	0.050918	0.001361	0.001203	4781438	2284467	8776.13	2.29E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.102487	0.124009	0.147581	0.854236	1.28688	86.97837	0.066114	0.060825	0.000801	0.00071	2821917	550943.9	775.9196	1.38E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.877566	1.061855	1.263695	5.444495	11.79219	1196.766	0.540467	0.497229	0.011038	0.009768	38827747	10290046	11374.42	2.08E+09
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.557582	0.674674	0.802918	4.910664	8.456199	779.8035	0.350248	0.322228	0.007193	0.006365	25299865	2760840	6390.689	1.01E+09
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.070157	0.08489	0.101026	0.903313	0.96756	142.7982	0.053908	0.049596	0.001318	0.001165	4632931	3654220	11380.56	2.39E+08
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.006776	0.008199	0.009758	0.049565	0.119537	16.37403	0.004497	0.004137	0.000151	0.000134	531237.4	129603.9	522.6083	33998365
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.847869	1.025922	1.220932	6.956085	10.00447	1093.8	0.671764	0.618023	0.010087	0.008927	35487129	18939824	34326.29	1.85E+09
Statewide	2016	Construction and Mini	Aggregate	Aggregate	Diesel	0.050669	0.061309	0.072963	0.29769	0.445148	45.08933	0.030453	0.028017	0.000415	0.000368	1462874	689649.2	2062.151	54295397
Statewide	2016	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.019563	0.023671	0.028171	0.403467	0.383047	69.40218	0.013846	0.012739	0.000641	0.000566	2251677	2167280	7734.788	1.36E+08
Statewide	2016	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.330731	0.400184	0.476252	2.181332	3.338049	292.2112	0.255201	0.234785	0.002692	0.002385	9480471	10142853	14509.97	9.07E+08
Statewide	2016	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007182	0.008639	0.010325	0.035	0.054584	0.000123	0.00221	0.00167	8.31E-07	7.16E-07	2847.725	0	1284.848	0
Statewide	2016	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005735	0.006898	0.008244	0.027833	0.044821	0.000105	0.001526	0.001153	6.62E-07	5.7E-07	2268.314	0	277.2629	0
Statewide	2016	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001504	0.001809	0.002161	0.007937	0.011935	2.81E-05	0.000411	0.00031	1.83E-07	1.58E-07	627.3022	0	116.8854	0
Statewide	2016	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.14538	0.17591	0.209347	0.926228	1.289859	141.1296	0.084028	0.077306	0.0013	0.001152	4578795	2861186	3693.896	2.52E+08
Statewide	2016	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.054379	0.065799	0.078306	0.394509	0.711946	82.74465	0.036271	0.03337	0.000763	0.000675	2684559	782046	1111.122	1.31E+08
Statewide	2016	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.056036	0.066724	0.080685	0.276375	0.250876	28.37215	0.019748	0.018459	0.000359	0.000241	956610.1	854768	1222.141	31626414
Statewide	2016	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.168118	0.200926	0.241923	0.888304	1.119732	133.259	0.059525	0.062454	0.001518	0.001113	4427647	1720709	15010.89	56783382
Statewide	2016	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000733	0.000877	0.001054	0.004301	0.005726	0.68968	0.000273	0.000295	7.77E-06	5.64E-06	22412.32	17315.6	447.1038	657992.8
Statewide	2016	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.102081	0.121968	0.146902	0.519943	0.624324	73.5929	0.035241	0.036585	0.000847	0.000616	2449497	898115.4	7815.972	33230268

Statewide	2016	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.259174	0.308868	0.373127	1.282268	1.277413	147.3379	0.090967	0.08727	0.001813	0.001244	4945786	3370640	8903.495	1.55E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.024165	0.029239	0.034797	0.241266	0.404739	77.41561	0.014891	0.013699	0.000715	0.000632	2511664	438711.3	1301.782	96827132
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.154681	0.187164	0.22274	1.140889	2.151596	183.5613	0.101538	0.093415	0.001692	0.001498	5955444	1728750	3916.301	4E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.342541	0.414475	0.493259	2.268606	4.792786	454.2537	0.233858	0.21515	0.00419	0.003708	14737762	3122698	7213.77	6.64E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.370945	0.448843	0.534161	3.089116	4.980916	816.5757	0.217074	0.199708	0.007539	0.006665	26492900	8457337	14020.88	1.33E+09
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.248523	0.300713	0.357873	1.334033	3.464627	308.0097	0.153927	0.141613	0.00284	0.002514	9993037	2498392	4532.701	4.72E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.001813	0.00218	0.002606	0.007969	0.013762	3.2E-05	0.000469	0.000354	1.97E-07	1.7E-07	674.75	0	110.0305	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.002194	0.002639	0.003154	0.012663	0.016372	3.87E-05	0.00061	0.000461	2.83E-07	2.44E-07	970.2951	0	741.5801	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.001903	0.002269	0.00274	0.010853	0.01142	1.117689	0.000693	0.000625	1.45E-05	9.4E-06	37354.96	26637.7	67.89698	879044.1
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.000217	0.000261	0.000312	0.000888	0.001652	3.79E-06	5.82E-05	4.4E-05	2.26E-08	1.94E-08	77.36288	0	31.23784	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.001546	0.00186	0.002223	0.006349	0.011754	2.71E-05	0.000395	0.000299	1.61E-07	1.39E-07	552.6924	0	49.13	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.004528	0.005446	0.006509	0.026814	0.034162	8.18E-05	0.001193	0.000901	5.94E-07	5.12E-07	2037.336	0	468.0151	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.000407	0.00049	0.000585	0.001663	0.003103	7.1E-06	0.000111	8.39E-05	4.23E-08	3.65E-08	145.0944	0	19.26	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.000692	0.000832	0.000994	0.002839	0.005256	1.21E-05	0.000182	0.000138	7.21E-08	6.21E-08	247.1423	0	48.16311	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.00147	0.001768	0.002113	0.009272	0.01107	2.67E-05	0.000389	0.000294	2.01E-07	1.73E-07	690.2436	0	429.06	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.010258	0.012338	0.014746	0.053889	0.077599	0.000183	0.002675	0.002021	1.24E-06	1.07E-06	4266.116	0	1305.741	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.000252	0.000304	0.000363	0.001036	0.001918	4.43E-06	6.44E-05	4.86E-05	2.63E-08	2.27E-08	90.19641	0	11.35782	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.023677	0.028469	0.034038	0.149127	0.177063	0.49446	0.006353	0.004844	9.54E-06	6.79E-06	26997.76	9617.75	3769.917	355856.7
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.084553	0.101698	0.121546	0.339983	0.630137	0.001428	0.023717	0.01792	8.71E-06	7.5E-06	29854.16	0	5160.249	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.007379	0.008876	0.010608	0.030251	0.056184	0.000129	0.001964	0.001484	7.69E-07	6.62E-07	2635.165	0	359.5491	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.009415	0.011324	0.013534	0.043328	0.071413	0.000167	0.002425	0.001832	1.05E-06	9.06E-07	3603.129	0	567.9916	0
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.119781	0.144934	0.172484	0.837462	1.259823	172.7299	0.070135	0.064524	0.001593	0.00141	5604031	1982609	3191.809	2.46E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.589757	0.713606	0.84925	3.75368	8.416495	1035.553	0.308955	0.284238	0.009557	0.008452	33597364	4219810	3340.646	1.7E+09
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.149477	0.180867	0.215247	1.074167	1.948957	231.0239	0.097351	0.089563	0.002131	0.001886	7495317	2016081	4830.508	3.47E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.035609	0.043087	0.051277	0.269503	0.454169	54.43585	0.024827	0.022841	0.000502	0.000444	1766111	633460.2	1714.428	82045333
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.019791	0.023947	0.028499	0.154789	0.256979	31.67727	0.013603	0.012515	0.000292	0.000259	1027734	422808.2	971.3833	55574905
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.124926	0.15116	0.179893	0.929927	1.21241	141.13	0.078396	0.072124	0.001301	0.001152	4578808	2873364	8937.228	2.31E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.063408	0.076723	0.091307	0.932601	0.967365	153.2613	0.049436	0.045481	0.001415	0.001251	4972394	2375251	9003.587	2.39E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.10026	0.121315	0.144374	0.844591	1.270328	90.54243	0.064309	0.059164	0.000834	0.000739	2937549	572976.1	796.0297	1.43E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.858833	1.039188	1.23672	5.525019	11.3523	1244.395	0.519689	0.478114	0.011479	0.010157	40373010	10701171	11669.21	2.16E+09
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.545777	0.660391	0.785919	4.764729	8.176077	810.9035	0.336885	0.309934	0.007481	0.006618	26308871	2871110	6556.321	1.05E+09
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.068469	0.082847	0.098595	0.935854	0.941441	148.4882	0.050275	0.046253	0.001371	0.001212	4817536	3800162	11675.52	2.49E+08
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.006747	0.008164	0.009716	0.050925	0.116664	17.06182	0.004442	0.004086	0.000158	0.000139	553551.8	134797.8	536.1531	35410751
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.821757	0.994327	1.183331	7.156014	9.666569	1136.367	0.638268	0.587207	0.010482	0.009275	36868191	19696073	35215.95	1.93E+09
Statewide	2017	Construction and Mini	Aggregate	Aggregate	Diesel	0.050023	0.060527	0.072032	0.306484	0.439404	46.90428	0.030049	0.027645	0.000432	0.000383	1521758	717219.2	2115.597	56462468
Statewide	2017	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.018083	0.02188	0.026039	0.417036	0.359152	72.17497	0.0109	0.010028	0.000667	0.000589	2341637	2253868	7935.256	1.42E+08
Statewide	2017	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.320555	0.387872	0.461599	2.237283	3.252935	303.8857	0.245581	0.225935	0.0028	0.00248	9859238	10548085	14886.03	9.44E+08
Statewide	2017	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007145	0.008593	0.01027	0.034913	0.054272	0.000124	0.002153	0.001626	8.28E-07	7.13E-07	2837.715	0	1289.93	0
Statewide	2017	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005659	0.006807	0.008135	0.027476	0.044231	0.000103	0.001506	0.001138	6.53E-07	5.63E-07	2238.839	0	273.814	0
Statewide	2017	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001438	0.001729	0.002067	0.007595	0.011413	2.69E-05	0.000391	0.000296	1.75E-07	1.51E-07	600.1254	0	111.8722	0
Statewide	2017	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.142807	0.172796	0.205642	0.952298	1.259408	146.7681	0.081078	0.074591	0.001353	0.001198	4761729	2975497	3789.634	2.62E+08
Statewide	2017	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.053496	0.06473	0.077034	0.403917	0.694074	86.0505	0.034815	0.03203	0.000794	0.000702	2791814	813290.7	1139.92	1.36E+08
Statewide	2017	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.049978	0.059513	0.071961	0.268476	0.242938	28.40069	0.017746	0.016603	0.000359	0.00024	955883.3	855567.3	1223.521	31655990
Statewide	2017	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.155297	0.185649	0.223465	0.870691	1.089468	133.3869	0.054472	0.057449	0.00152	0.001114	4428470	1722402	15025.45	56839271
Statewide	2017	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000679	0.000813	0.000977	0.004232	0.005566	0.690704	0.00025	0.000272	7.78E-06	5.64E-06	22428.91	17315.6	448.054	657992.8
Statewide	2017	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.094023	0.112365	0.135301	0.509468	0.606753	73.66637	0.032153	0.033523	0.000847	0.000616	2449906	899046.1	7823.701	33264706
Statewide	2017	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.233818	0.278679	0.336616	1.249111	1.238582	147.4836	0.082239	0.079057	0.001814	0.001244	4943898	3373907	8912.375	1.55E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.021805	0.026384	0.031399	0.240616	0.354151	80.16023	0.012798	0.011774	0.00074	0.000654	2600711	455569.6	1334.101	1E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.142072	0.171907	0.204583	1.087756	1.970046	190.6394	0.091866	0.084517	0.001758	0.001556	6185084	1795171	4013.527	4.15E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.326116	0.3946	0.469607	2.232102	4.479061	471.2145	0.219726	0.202148	0.004347	0.003846	15288034	3242672	7392.86	6.89E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.326588	0.395171	0.470286	3.087321	4.238379	847.9592	0.180231	0.165812	0.00783	0.006921	27511101	8782172	14368.96	1.39E+09
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.239183	0.289412	0.344424	1.336786	3.305003	319.4272	0.144812	0.133227	0.002946	0.002607	10363463	2594350	4645.231	4.9E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.001823	0.002193	0.002621	0.008021	0.013842	3.21E-05	0.000469	0.000354	1.98E-07	1.71E-07	678.9695	0	110.7589	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.002213	0.002662	0.003181	0.012825	0.01655	3.93E-05	0.000606	0.000458	2.86E-07	2.47E-07	981.435	0	752.31	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.001734	0.002068	0.002497	0.010755	0.011268	1.134108	0.000631	0.000568	1.47E-05	9.53E-06	37893.08	27101.25	68.84523	894341.3
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.000219	0.000264	0.000315	0.000898	0.001669	3.84E-06	5.81E-05	4.39E-05	2.28E-08	1.97E-08	78.26873	0	31.61674	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.00157	0.001888	0.002257	0.006444	0.011931	2.75E-05	0.000401	0.000303	1.64E-07	1.41E-07	561.017	0	49.87	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.004601	0.005534	0.006614	0.027244	0.03471	8.31E-05	0.001211	0.000915	6.04E-07	5.2E-07	2070.045	0	475.5295	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.000411	0.000495	0.000591	0.001685	0.003137	7.2E-06	0.00011	8.33E-05	4.28E-08	3.69E-08	146.8151	0	19.53	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.000701	0.000843	0.001008	0.002878	0.005329	1.23E-05	0.000181	0.000137	7.31E-08	6.3E-08	250.5655	0	48.83023	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.001491	0.001794	0.002144	0.009408	0.011232	2.71E-05	0.000395	0.000298	2.04E-07	1.76E-07	700.3786	0	435.36	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.010382	0.012487	0.014924	0.054555	0.078538	0.000186	0.002703	0.002042	1.26E-06	1.09E-06	4318.42	0	1322.119	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.000254	0.000305	0.000365	0.001042	0.00193	4.45E-06	6.49E-05	4.9E-05	2.65E-08	2.28E-08	90.74679	0	11.42713	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.023939	0.028785	0.034414	0.151204	0.17952	0.501724	0.006415	0.004886	9.68E-06	6.89E-06	27386.18	9771.05	3825.345	361528.8
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.084573	0.101722	0.121575	0.341813	0.633842	0.001443	0.023293	0.017599	8.74E-06	7.53E-06	29950.75	0	5211.722	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.007487	0.009005	0.010762	0.030717	0.056943	0.000131	0.001967	0.001487	7.8E-07	6.72E-07	2674.819	0	365.0893	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.00949	0.011414	0.013642	0.043694	0.07198	0.000168	0.002445	0.001847	1.06E-06	9.13E-07	3632.877	0	573.5552	0
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.108353	0.131108	0.156029	0.827333	1.108234	179.3014	0.061931	0.056977	0.001654	0.001463	5817237	2058796	3271.049	2.55E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.526125	0.636612	0.757621	3.518146	7.389719	1075.536	0.260028	0.239226	0.009928	0.008778	34894597	4381895	3423.582	1.77E+09
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.137804	0.166743	0.198438	1.038072	1.760523	239.9741	0.087696	0.08068	0.002215	0.001959	7785694	2093535	4950.431	3.61E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.032602	0.039448	0.046946	0.275176	0.417815	56.53694	0.022397	0.020605	0.000522	0.000461	1834279	657831.2	1756.991	85203895
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.016955	0.020515	0.024415	0.153085	0.222479	32.89182	0.011242	0.010342	0.000304	0.000268	1067139	439054.4	995.4989	57721276
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.110965	0.134267	0.159789	0.933854	1.084845	146.5626	0.067919	0.062485	0.001352	0.001196	4755062	2983680	9159.104	2.4E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.054606	0.066073	0.078633	0.955317	0.835884	159.1331	0.038869	0.03576	0.00147	0.001299	5162898	2466748	9227.112	2.48E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.093545	0.11319	0.134705	0.800589	1.18173	94.04343	0.059225	0.054487	0.000867	0.000768	3051135	594997	815.792	1.48E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.788146	0.953657	1.134931	5.412804	10.22004	1292.051	0.462209	0.425233	0.011922	0.010546	41919186	11112405	11958.92	2.25E+09
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.499919	0.604902	0.719883	4.298216	7.389339	842.1614	0.299469	0.275512	0.007771	0.006874	27322998	2981456	6719.089	1.09E+09
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.060213	0.072858	0.086706	0.957036	0.861413	154.0749	0.041508	0.038188	0.001423	0.001258	4998789	3945961	11965.38	2.58E+08
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.0059	0.007139	0.008496	0.050071	0.099883	17.67277	0.003793	0.003489	0.000163	0.000144	573373.7	139972.3	549.4637	36720094

Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.716395	0.866838	1.031609	7.14947	8.583151	1178.216	0.538754	0.495654	0.010872	0.009616	38225915	20452558	36090.23	2E+09
Statewide	2018	Construction and Mini	Aggregate	Aggregate	Diesel	0.046369	0.056107	0.066772	0.30847	0.414278	48.70842	0.027612	0.025403	0.000449	0.000398	1580291	744816.1	2168.119	58617247
Statewide	2018	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016008	0.01937	0.023051	0.428767	0.329321	74.94775	0.007643	0.007032	0.000692	0.000612	2431597	2340456	8132.257	1.47E+08
Statewide	2018	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.280046	0.338856	0.403267	2.231133	2.896902	315.5603	0.212117	0.195147	0.002909	0.002576	10238006	10953316	15255.6	9.8E+08
Statewide	2018	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007112	0.008554	0.010224	0.034777	0.054081	0.000124	0.002095	0.001583	8.25E-07	7.1E-07	2826.043	0	1293.006	0
Statewide	2018	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005573	0.006703	0.008011	0.027068	0.043561	0.000102	0.001483	0.001121	6.43E-07	5.54E-07	2205.313	0	269.8532	0
Statewide	2018	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00138	0.001659	0.001983	0.007292	0.010953	2.58E-05	0.000375	0.000284	1.68E-07	1.45E-07	576.071	0	107.4216	0
Statewide	2018	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.123141	0.149	0.177322	0.888122	1.092682	152.4066	0.068	0.06256	0.001405	0.001244	4944663	3089809	3883.716	2.72E+08
Statewide	2018	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.047604	0.057601	0.06855	0.393359	0.619387	89.35634	0.029453	0.027097	0.000825	0.000729	2899068	844535.3	1168.22	1.41E+08
Statewide	2018	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.044158	0.052585	0.06358	0.261011	0.235272	28.42437	0.015781	0.014782	0.00036	0.00024	955220.6	856319.2	1224.321	31683810
Statewide	2018	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.143191	0.171223	0.206036	0.854516	1.060858	133.5117	0.049603	0.052636	0.001521	0.001114	4429275	1724030	15039.37	56892992
Statewide	2018	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000629	0.000753	0.000905	0.004168	0.005414	0.691336	0.000228	0.00025	7.79E-06	5.64E-06	22440.63	17308.3	448.4538	657715.4
Statewide	2018	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.086422	0.103308	0.124358	0.499789	0.590142	73.73413	0.029182	0.030585	0.000848	0.000616	2450068	899867.3	7830.68	33295092
Statewide	2018	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.209498	0.249727	0.301598	1.217896	1.201367	147.621	0.073708	0.07104	0.001816	0.001243	4942076	3377057	8920.755	1.55E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.021418	0.025915	0.030842	0.247661	0.335467	83.07697	0.012201	0.011225	0.000767	0.000678	2695341	472418.4	1365.879	1.04E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.133917	0.16204	0.192841	1.053489	1.845799	197.706	0.085032	0.07823	0.001824	0.001614	6414353	1861629	4109.129	4.31E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.315795	0.382112	0.454745	2.224368	4.261167	488.6376	0.209804	0.193019	0.004508	0.003988	15853308	3362677	7568.957	7.14E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.310015	0.375118	0.446421	3.152656	3.871032	879.2278	0.16141	0.148497	0.00812	0.007176	28525577	9107073	14711.23	1.44E+09
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.23297	0.281893	0.335476	1.35417	3.174033	330.7641	0.137988	0.126949	0.003051	0.0027	10731276	2690312	4755.879	5.07E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.00183	0.002201	0.00263	0.008054	0.01389	3.23E-05	0.000469	0.000354	1.99E-07	1.71E-07	681.5541	0	111.2076	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.002236	0.002689	0.003214	0.012992	0.016758	3.99E-05	0.000605	0.000457	2.9E-07	2.5E-07	993.3244	0	763.14	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.001572	0.001875	0.002263	0.010668	0.011121	1.150527	0.00057	0.000512	1.49E-05	9.66E-06	38409.42	27440.7	69.91825	905543.1
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.000223	0.000268	0.00032	0.000913	0.001694	3.9E-06	5.84E-05	4.41E-05	2.32E-08	2E-08	79.54929	0	32.14408	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.001593	0.001916	0.00229	0.00654	0.012108	2.79E-05	0.000407	0.000308	1.66E-07	1.43E-07	569.3417	0	50.61	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.004674	0.005622	0.006719	0.027674	0.035262	8.45E-05	0.00123	0.000929	6.14E-07	5.29E-07	2102.768	0	483.0424	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.000418	0.000503	0.000601	0.001715	0.003185	7.33E-06	0.000111	8.37E-05	4.36E-08	3.75E-08	149.3747	0	19.88	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.000711	0.000856	0.001023	0.002921	0.005408	1.25E-05	0.000181	0.000137	7.42E-08	6.39E-08	254.2855	0	49.55519	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.001513	0.00182	0.002175	0.009544	0.011395	2.75E-05	0.000401	0.000303	2.07E-07	1.79E-07	710.5136	0	441.66	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.010505	0.012635	0.0151	0.055218	0.079466	0.000188	0.002735	0.002066	1.28E-06	1.1E-06	4370.405	0	1338.509	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.00026	0.000312	0.000373	0.001065	0.001973	4.55E-06	6.63E-05	5.01E-05	2.71E-08	2.33E-08	92.75686	0	11.68024	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.024204	0.029105	0.034795	0.153287	0.181981	0.508987	0.006477	0.004928	9.82E-06	6.99E-06	27785.69	9920.7	3880.782	367065.9
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.084715	0.101893	0.121779	0.343762	0.637956	0.001456	0.022903	0.017305	8.77E-06	7.56E-06	30071.48	0	5260.776	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.007591	0.009131	0.010912	0.03116	0.057707	0.000133	0.001972	0.00149	7.92E-07	6.82E-07	2712.877	0	370.3535	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.009584	0.011527	0.013777	0.044141	0.072696	0.00017	0.00247	0.001866	1.07E-06	9.22E-07	3669.658	0	579.8895	0
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.102389	0.12389	0.14744	0.843026	1.045219	185.8835	0.056987	0.052428	0.001716	0.001517	6030787	2134999	3348.965	2.65E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.503433	0.609153	0.724943	3.481257	6.865856	1115.125	0.235821	0.216955	0.010295	0.009102	36179004	4544068	3505.131	1.83E+09
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.134691	0.162977	0.193956	1.043698	1.684111	248.8968	0.083662	0.076969	0.002297	0.002031	8075184	2170988	5068.35	3.74E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.030919	0.037412	0.044523	0.282585	0.390434	58.62621	0.020959	0.019282	0.000541	0.000478	1902063	682148.8	1798.842	88338777
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.016539	0.020013	0.023817	0.157676	0.213343	34.10748	0.010678	0.009824	0.000315	0.000278	1106580	455321.9	1019.212	59852203
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.103104	0.124756	0.14847	0.952278	1.015713	152.0031	0.061456	0.05654	0.001402	0.001241	4931572	3094158	9377.273	2.49E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.051456	0.062261	0.074096	0.987203	0.791357	165.0129	0.034615	0.031846	0.001524	0.001347	5353663	2558234	9446.9	2.57E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.092531	0.111963	0.133245	0.79583	1.15654	97.54769	0.057751	0.053131	0.000899	0.000796	3164827	616993.3	835.224	1.54E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.747201	0.904113	1.075969	5.396425	9.476769	1340.454	0.424308	0.390363	0.012371	0.010941	43489540	11523558	12243.78	2.33E+09
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.484051	0.585702	0.697034	4.15174	7.010368	873.052	0.283214	0.260557	0.008057	0.007126	28325209	3091916	6879.137	1.13E+09
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.05757	0.06966	0.082901	0.989243	0.834872	159.8418	0.037399	0.034407	0.001476	0.001305	5185890	4091792	12250.39	2.68E+08
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.005689	0.006883	0.008192	0.05149	0.094632	18.34385	0.00358	0.003293	0.000169	0.00015	595146.1	145157.8	562.5518	38123654
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.661371	0.800259	0.952375	7.297521	7.956965	1221.399	0.474733	0.436754	0.011273	0.009969	39626931	21209812	36949.89	2.07E+09
Statewide	2019	Construction and Mini	Aggregate	Aggregate	Diesel	0.045241	0.054741	0.065146	0.315571	0.412287	50.47859	0.026942	0.024786	0.000465	0.000412	1637722	772378.1	2219.763	60772621
Statewide	2019	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.015787	0.019102	0.022733	0.444605	0.325356	77.72054	0.006462	0.005945	0.000718	0.000634	2521557	2427044	8325.966	1.53E+08
Statewide	2019	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.259715	0.314255	0.373989	2.265294	2.70051	327.2348	0.193032	0.17759	0.003018	0.002671	10616773	11358547	15618.98	1.02E+09
Statewide	2019	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007092	0.00853	0.010195	0.034673	0.053962	0.000124	0.002043	0.001544	8.22E-07	7.08E-07	2817.77	0	1296.069	0
Statewide	2019	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005507	0.006624	0.007917	0.026762	0.043049	0.000101	0.001466	0.001108	6.36E-07	5.48E-07	2179.948	0	266.9504	0
Statewide	2019	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001336	0.001607	0.001921	0.007073	0.010611	2.5E-05	0.000364	0.000275	1.63E-07	1.4E-07	558.4593	0	104.2239	0
Statewide	2019	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.115994	0.140353	0.167031	0.9009	1.037137	158.045	0.062675	0.057661	0.001458	0.00129	5127597	3204120	3976.225	2.82E+08
Statewide	2019	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.046286	0.056006	0.066652	0.403738	0.59593	92.66219	0.027368	0.025178	0.000855	0.000756	3006323	875779.9	1196.046	1.47E+08
Statewide	2019	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.038683	0.046069	0.055697	0.253973	0.227803	28.45319	0.013855	0.012998	0.00036	0.00024	954706.7	857209.8	1225.871	31716763
Statewide	2019	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.131747	0.157589	0.18956	0.839291	1.033442	133.6466	0.044866	0.047957	0.001522	0.001114	4430772	1725600	15054.72	56944785
Statewide	2019	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000583	0.000698	0.000838	0.004109	0.005269	0.692077	0.000207	0.000228	7.8E-06	5.65E-06	22466.39	17333.85	448.9939	658686.3
Statewide	2019	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.079208	0.094711	0.113971	0.490613	0.574176	73.80582	0.026288	0.027728	0.000849	0.000616	2450570	900717.8	7838.65	33326559
Statewide	2019	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.186162	0.221945	0.267996	1.187845	1.165093	147.7657	0.065301	0.063145	0.001818	0.001243	4940605	3380473	8929.264	1.56E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.021327	0.025806	0.030711	0.256326	0.322809	86.2617	0.011655	0.010723	0.000797	0.000704	2798666	489284	1397.143	1.08E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.128431	0.155402	0.184941	1.024662	1.744605	204.7315	0.079985	0.073586	0.001889	0.001671	6642287	1928056	4203.184	4.46E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.30882	0.373672	0.444701	2.229424	4.100581	506.0833	0.201671	0.185537	0.00467	0.004131	16419316	3482626	7742.206	7.4E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.302487	0.36601	0.435582	3.240668	3.634166	910.3747	0.149651	0.137679	0.008408	0.00743	29536104	9431966	15047.96	1.49E+09
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.231611	0.280249	0.333519	1.388376	3.11644	342.3059	0.134269	0.123528	0.003158	0.002794	11105738	2786347	4864.739	5.25E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.001837	0.00221	0.002641	0.008091	0.013948	3.24E-05	0.000471	0.000356	2E-07	1.72E-07	684.6003	0	111.7345	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.002261	0.002719	0.00325	0.013165	0.016982	4.04E-05	0.000606	0.000458	2.94E-07	2.53E-07	1005.896	0	774.12	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.001451	0.001731	0.002089	0.010632	0.010995	1.166945	0.000515	0.000461	1.51E-05	9.78E-06	38893.05	27838.55	71.10154	918672.1
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.000225	0.000271	0.000323	0.000924	0.001711	3.95E-06	5.84E-05	4.42E-05	2.35E-08	2.02E-08	80.41926	0	32.50252	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.001613	0.00194	0.002319	0.006622	0.012261	2.83E-05	0.000412	0.000312	1.68E-07	1.45E-07	576.5414	0	51.25	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.004746	0.005709	0.006823	0.028102	0.035808	8.58E-05	0.001249	0.000944	6.23E-07	5.37E-07	2135.299	0	490.5145	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.000424	0.000509	0.000609	0.001737	0.003222	7.42E-06	0.000111	8.4E-05	4.41E-08	3.8E-08	151.289	0	20.14	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.000721	0.000867	0.001037	0.002961	0.005481	1.27E-05	0.000184	0.000139	7.52E-08	6.48E-08	257.7432	0	50.22902	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.001535	0.001846	0.002207	0.009685	0.011563	2.79E-05	0.000407	0.000307	2.1E-07	1.81E-07	720.9865	0	448.17	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.010634	0.01279	0.015287	0.055914	0.080446	0.00019	0.002769	0.002092	1.29E-06	1.11E-06	4425.102	0	1355.674	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.000265	0.000319	0.000382	0.00109	0.002018	4.66E-06	6.79E-05	5.13E-05	2.77E-08	2.38E-08	94.88456	0	11.94817	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.024486	0.029446	0.035201	0.155388	0.184445	0.516251	0.006542	0.004973	9.96E-06	7.08E-06	28133.66	10026.55	3936.089	370982.3
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.084961	0.102189	0.122133	0.345891	0.642178	0.00147	0.022564	0.017049	8.82E-06	7.59E-06	30216.73	0	5308.781	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.007703	0.009264	0.011073	0.031621	0.058544	0.000135	0.001983	0.001499	8.03E-07	6.92E-07	2752.883	0	375.8355	0

Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.009695	0.011661	0.013936	0.044649	0.073535	0.000171	0.002498	0.001888	1.08E-06	9.33E-07	3711.919	0	586.4803	0
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.101178	0.122425	0.145696	0.862341	1.008876	192.5668	0.054388	0.050037	0.001777	0.001572	6247618	2211113	3425.621	2.74E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.493548	0.597193	0.710709	3.51581	6.559356	1154.89	0.2217	0.203964	0.010663	0.009426	37469121	4706124	3585.361	1.9E+09
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.132689	0.160554	0.191072	1.066745	1.638171	257.862	0.08098	0.074502	0.00238	0.002105	8366048	2248438	5184.361	3.88E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.029967	0.03626	0.043152	0.291502	0.372144	60.70193	0.020002	0.018402	0.00056	0.000495	1969407	706466.6	1840.017	91465382
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.016124	0.019511	0.023219	0.162124	0.205719	35.31226	0.010091	0.009283	0.000326	0.000288	1145667	471563	1042.541	61962360
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.100351	0.121425	0.144506	0.980829	0.986542	157.4296	0.058466	0.053789	0.001453	0.001285	5107629	3204557	9591.913	2.57E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.050199	0.060741	0.072287	1.021922	0.763855	170.9554	0.031669	0.029136	0.001579	0.001395	5546461	2649657	9663.134	2.66E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.090947	0.110046	0.130963	0.778504	1.119617	101.0332	0.055915	0.051442	0.000931	0.000825	3277911	639011.5	854.3418	1.59E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.727413	0.88017	1.047475	5.451889	9.023907	1388.514	0.40027	0.368248	0.012816	0.011333	45048809	11934575	12524.03	2.42E+09
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.468842	0.567299	0.675133	4.038566	6.623984	904.0122	0.267512	0.246111	0.008344	0.007378	29329681	3202196	7036.596	1.17E+09
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.056981	0.068947	0.082053	1.025532	0.822102	165.558	0.034863	0.032074	0.001529	0.001351	5371346	4238002	12530.8	2.77E+08
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.005622	0.006803	0.008096	0.053217	0.092364	18.99677	0.003478	0.0032	0.000175	0.000155	616329.3	150343.9	575.4283	39481869
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.619807	0.749966	0.892522	7.463363	7.411864	1264.521	0.422206	0.388429	0.011673	0.010321	41026001	21966055	37795.65	2.14E+09
Statewide	2020	Construction and Mini	Aggregate	Aggregate	Diesel	0.044523	0.053873	0.064113	0.322375	0.407394	52.24722	0.02636	0.024251	0.000482	0.000426	1695104	799954.3	2270.572	62833169
Statewide	2020	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.015944	0.019293	0.02296	0.460248	0.32098	80.49332	0.005529	0.005086	0.000744	0.000657	2611517	2513632	8516.543	1.58E+08
Statewide	2020	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.240627	0.291159	0.346503	2.306348	2.505179	338.9094	0.173644	0.159753	0.003126	0.002766	10995541	11763779	15976.49	1.05E+09
Statewide	2020	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.00708	0.008516	0.010178	0.034588	0.053864	0.000125	0.001992	0.001505	8.2E-07	7.07E-07	2811.731	0	1298.842	0
Statewide	2020	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005456	0.006562	0.007843	0.026537	0.042654	9.97E-05	0.001453	0.001097	6.3E-07	5.43E-07	2160.829	0	264.9529	0
Statewide	2020	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001321	0.001589	0.001899	0.007012	0.010496	2.47E-05	0.00036	0.000272	1.61E-07	1.39E-07	553.0686	0	103.3661	0
Statewide	2020	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.107518	0.130097	0.154827	0.898847	0.953202	163.6835	0.055931	0.051456	0.00151	0.001336	5310531	3318431	4067.238	2.92E+08
Statewide	2020	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.044346	0.053659	0.063858	0.408439	0.564682	95.96804	0.024674	0.0227	0.000886	0.000783	3113577	907024.5	1223.423	1.52E+08
Statewide	2020	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.034577	0.041182	0.049785	0.248648	0.220915	28.48179	0.012141	0.011409	0.00036	0.00024	954581.6	858009.2	1227.121	31746339
Statewide	2020	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.122937	0.147089	0.176876	0.827324	1.008314	133.773	0.04062	0.043749	0.001524	0.001115	4432702	1727293	15068.82	57000674
Statewide	2020	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000546	0.000654	0.000786	0.004061	0.005134	0.692422	0.000188	0.000209	7.8E-06	5.65E-06	22476.17	17301	449.2438	657438
Statewide	2020	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.073611	0.088041	0.105914	0.483467	0.559575	73.87867	0.023687	0.02515	0.00085	0.000616	2451510	901648.6	7846.269	33360996
Statewide	2020	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.168239	0.200607	0.242189	1.164561	1.131713	147.9095	0.057775	0.056068	0.001819	0.001243	4940600	3383634	8937.904	1.56E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.020391	0.024673	0.029363	0.264647	0.295097	89.42255	0.010641	0.00979	0.000826	0.00073	2901216	506120.7	1427.917	1.12E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.1227	0.148466	0.176687	1.009572	1.631808	211.7633	0.074757	0.068776	0.001954	0.001728	6870428	1994461	4295.766	4.61E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.299205	0.362038	0.430855	2.258119	3.887814	523.1518	0.191587	0.17626	0.004828	0.00427	16973084	3602644	7912.741	7.65E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.291999	0.353319	0.420479	3.332245	3.320364	941.1966	0.135969	0.125091	0.008693	0.007682	30536088	9756841	15379.41	1.54E+09
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.223636	0.2706	0.322036	1.403463	2.967951	353.8978	0.126315	0.116209	0.003265	0.002888	11481824	2882305	4971.893	5.43E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.001863	0.00224	0.002678	0.008213	0.014141	3.28E-05	0.000478	0.000361	2.03E-07	1.75E-07	694.5957	0	113.4376	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.002286	0.00275	0.003287	0.013338	0.017204	4.1E-05	0.000609	0.00046	2.97E-07	2.56E-07	1018.442	0	784.96	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.001361	0.001624	0.00196	0.010633	0.010873	1.183364	0.000465	0.000414	1.53E-05	9.91E-06	39383.72	28232.75	72.05067	931680.7
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.000228	0.000275	0.000328	0.000937	0.001736	4.01E-06	5.88E-05	4.45E-05	2.38E-08	2.05E-08	81.60571	0	32.98404	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.001638	0.00197	0.002355	0.006725	0.01245	2.87E-05	0.000419	0.000316	1.71E-07	1.47E-07	585.4286	0	52.04	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.00482	0.005797	0.006929	0.028535	0.036363	8.71E-05	0.001269	0.000959	6.33E-07	5.45E-07	2168.301	0	498.0926	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.00043	0.000518	0.000619	0.001766	0.003273	7.55E-06	0.000112	8.47E-05	4.49E-08	3.87E-08	153.8078	0	20.48	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.000731	0.000879	0.001051	0.003002	0.005557	1.28E-05	0.000187	0.000141	7.62E-08	6.57E-08	261.3064	0	50.92341	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.001557	0.001872	0.002238	0.009821	0.011725	2.83E-05	0.000412	0.000312	2.13E-07	1.84E-07	731.1216	0	454.47	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.010779	0.012965	0.015495	0.056688	0.081542	0.000193	0.002807	0.002121	1.31E-06	1.13E-06	4485.987	0	1374.626	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.000274	0.00033	0.000394	0.001126	0.002086	4.81E-06	7.01E-05	5.3E-05	2.86E-08	2.46E-08	98.06884	0	12.34914	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.024785	0.029805	0.03563	0.157518	0.186928	0.523514	0.006609	0.005021	1.01E-05	7.17E-06	28518.92	10198.1	3991.619	377329.7
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.086086	0.103543	0.12375	0.35143	0.652571	0.001497	0.02268	0.017136	8.95E-06	7.71E-06	30665.93	0	5406.458	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.007812	0.009397	0.01123	0.032072	0.059379	0.000137	0.002001	0.001512	8.15E-07	7.02E-07	2792.145	0	381.1956	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.009827	0.011819	0.014126	0.045269	0.074536	0.000174	0.002532	0.001913	1.1E-06	9.46E-07	3763.102	0	595.087	0
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.094282	0.114082	0.135767	0.87721	0.917516	199.2226	0.048426	0.044552	0.001839	0.001626	6463557	2287296	3501.076	2.84E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.459895	0.556473	0.662249	3.467744	5.876262	1195.175	0.192935	0.1775	0.011036	0.009755	38776134	4868276	3664.335	1.96E+09
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.127389	0.15414	0.18344	1.083536	1.54261	266.6868	0.075903	0.06983	0.002462	0.002177	8652361	2325905	5298.555	4.01E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.028568	0.034567	0.041137	0.299766	0.352824	62.76046	0.018627	0.017137	0.000579	0.000512	2036194	730817.1	1880.546	94623662
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.015259	0.018463	0.021973	0.166895	0.191018	36.53372	0.009147	0.008415	0.000337	0.000298	1185296	487786.1	1065.504	64152989
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.09461	0.114478	0.136239	1.001382	0.935779	162.861	0.053545	0.049261	0.001503	0.001329	5283847	3314891	9803.191	2.66E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.048033	0.05812	0.069167	1.056013	0.731414	176.8844	0.028433	0.026159	0.001634	0.001444	5738821	2740940	9875.98	2.76E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.088396	0.106959	0.12729	0.753044	1.070146	104.404	0.053328	0.049062	0.000963	0.000852	3387272	661014.3	873.1601	1.65E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.689765	0.834615	0.993261	5.496277	8.262257	1437.792	0.363546	0.334463	0.013272	0.011735	46647588	12345581	12799.89	2.5E+09
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.45123	0.545989	0.649771	3.944068	6.222422	935.514	0.250228	0.230209	0.008636	0.007636	30351723	3312392	7191.589	1.22E+09
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.055507	0.067164	0.079931	1.059393	0.807779	171.2668	0.031959	0.029402	0.001582	0.001398	5556562	4383943	12806.81	2.87E+08
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.005298	0.00641	0.007629	0.054718	0.083323	19.66558	0.00318	0.002926	0.000182	0.000161	638028	155525.9	588.1031	40863973
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.578414	0.699881	0.832917	7.644796	6.883941	1308.574	0.370776	0.341114	0.012081	0.01068	42455237	22722847	38628.16	2.22E+09
Statewide	2021	Construction and Mini	Aggregate	Aggregate	Diesel	0.041843	0.05063	0.060254	0.32596	0.392757	54.05187	0.02445	0.022494	0.000498	0.000441	1753653	827441.5	2320.586	64984774
Statewide	2021	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.01589	0.019227	0.022882	0.476808	0.317856	83.26611	0.004693	0.004318	0.000769	0.00068	2701477	2600220	8704.134	1.64E+08
Statewide	2021	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.223751	0.270739	0.322202	2.356886	2.340299	350.5839	0.155828	0.143362	0.003235	0.002861	11374309	12169010	16328.4	1.09E+09
Statewide	2021	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007276	0.008752	0.01046	0.035486	0.055318	0.000128	0.001994	0.001507	8.42E-07	7.26E-07	2886.547	0	1338.118	0
Statewide	2021	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005612	0.00675	0.008068	0.027309	0.043881	0.000103	0.001494	0.001129	6.49E-07	5.59E-07	2223.365	0	272.7586	0
Statewide	2021	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001413	0.001699	0.002031	0.007535	0.011235	2.65E-05	0.000385	0.000291	1.73E-07	1.49E-07	593.3341	0	111.1786	0
Statewide	2021	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.100066	0.121079	0.144094	0.911395	0.896572	169.322	0.050153	0.046141	0.001562	0.001382	5493465	3432742	4156.826	3.03E+08
Statewide	2021	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.042537	0.05147	0.061253	0.416811	0.511695	99.27389	0.022658	0.020846	0.000917	0.00081	3220832	938269.1	1250.371	1.57E+08
Statewide	2021	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.031757	0.037827	0.045724	0.248751	0.218553	29.27677	0.010636	0.010018	0.00037	0.000247	980128.5	882037.1	1261.48	32635373
Statewide	2021	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.118299	0.14158	0.170196	0.836204	1.009256	137.5016	0.037193	0.040457	0.001566	0.001145	4553897	1775568	15488.61	58593746
Statewide	2021	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.00053	0.000635	0.000762	0.004125	0.005142	0.712065	0.000173	0.000194	8.02E-06	5.81E-06	23093.13	17779.15	462.0229	675607.7
Statewide	2021	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.070443	0.084274	0.101351	0.488213	0.559176	75.93826	0.02156	0.023097	0.000873	0.000633	2518399	926775.2	8064.872	34290681
Statewide	2021	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.156073	0.186131	0.224669	1.167319	1.123281	152.0346	0.051239	0.049978	0.00187	0.001276	5073557	3478154	9187.002	1.6E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.018941	0.022919	0.027276	0.270852	0.260821	92.42172	0.009194	0.008459	0.000854	0.000754	2998521	522994.7	1458.224	1.16E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.113572	0.137423	0.163544	0.975004	1.460182	218.7762	0.06731	0.061926	0.002019	0.001786	7097952	2060914	4386.942	4.77E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.274907	0.332637	0.395866	2.244219	3.438272	540.3007	0.170849	0.157182	0.004987	0.00441	17529461	3722641	8080.685	7.9E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.268192	0.324512	0.386196	3.385871	2.870109	972.6305	0.114522	0.10536	0.008984	0.007938	31555925	10081792	15705.83	1.59E+09
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.208916	0.252788	0.300838	1.413164	2.706872	365.5909	0.114205	0.105068	0.003374	0.002984	11861194	2978250	5077.419	5.61E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.001881	0.002262	0.002703	0.008297	0.014276	3.32E-05	0.000483	0.000365	2.05E-07	1.76E-07	701.4904	0	114.5964	0

Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.002313	0.002782	0.003325	0.013513	0.017424	4.16E-05	0.000615	0.000464	3.01E-07	2.59E-07	1031.366	0	795.88	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.00129	0.00154	0.001857	0.010661	0.010762	1.199779	0.000417	0.00037	1.55E-05	1E-05	39940.41	28678.05	73.13628	946375.6
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.000232	0.000279	0.000333	0.000952	0.001762	4.07E-06	5.95E-05	4.49E-05	2.42E-08	2.08E-08	82.87036	0	33.4957	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.001658	0.001995	0.002384	0.006809	0.012606	2.91E-05	0.000424	0.00032	1.73E-07	1.49E-07	592.7408	0	52.69	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.004891	0.005883	0.007031	0.028958	0.036901	8.84E-05	0.001288	0.000973	6.42E-07	5.53E-07	2200.412	0	505.4707	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.000437	0.000525	0.000628	0.001793	0.003321	7.66E-06	0.000113	8.53E-05	4.56E-08	3.92E-08	156.1242	0	20.79	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.000742	0.000892	0.001066	0.003045	0.005638	1.3E-05	0.00019	0.000143	7.74E-08	6.66E-08	265.0994	0	51.66259	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.001578	0.001898	0.002268	0.009956	0.011886	2.87E-05	0.000418	0.000316	2.16E-07	1.86E-07	741.1439	0	460.7	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.010921	0.013135	0.015699	0.057438	0.082613	0.000195	0.002844	0.002149	1.33E-06	1.14E-06	4545.215	0	1392.935	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.000284	0.000342	0.000409	0.001167	0.00216	4.99E-06	7.26E-05	5.49E-05	2.96E-08	2.55E-08	101.5789	0	12.79114	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.02509	0.030172	0.036068	0.159651	0.189406	0.530776	0.006678	0.005069	1.02E-05	7.27E-06	28921.88	10303.95	4046.907	381246.1
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.086677	0.104254	0.1246	0.354519	0.658256	0.001512	0.022723	0.017169	9.02E-06	7.77E-06	30911.12	0	5462.469	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.007924	0.009531	0.011391	0.032531	0.060228	0.000139	0.002025	0.00153	8.26E-07	7.12E-07	2832.059	0	386.645	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.009947	0.011964	0.014299	0.045826	0.07545	0.000176	0.002564	0.001937	1.11E-06	9.57E-07	3809.321	0	602.4602	0
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.086232	0.104341	0.124174	0.890111	0.829562	205.9082	0.042016	0.038655	0.001901	0.001681	6680466	2363518	3575.385	2.93E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.415838	0.503164	0.598807	3.362521	5.089482	1235.918	0.158112	0.145463	0.011414	0.010087	40098014	5030463	3742.108	2.03E+09
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.117683	0.142396	0.169463	1.074243	1.373738	275.8773	0.06798	0.062542	0.002547	0.002252	8950535	2403345	5411.015	4.15E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.025648	0.031034	0.036933	0.306526	0.307728	64.87874	0.016087	0.0148	0.000599	0.00053	2104919	755158.5	1920.46	97756441
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.013956	0.016887	0.020097	0.171034	0.169029	37.75925	0.007829	0.007202	0.000349	0.000308	1225057	504027.8	1088.119	66346545
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.085481	0.103432	0.123093	1.017286	0.861769	168.2733	0.046773	0.043031	0.001553	0.001373	5459442	3425336	10011.26	2.75E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.044916	0.054349	0.064679	1.087737	0.68918	182.7637	0.024342	0.022394	0.001688	0.001492	5929568	2832254	10085.59	2.85E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.085529	0.10349	0.123161	0.750868	1.025832	107.9264	0.050276	0.046253	0.000995	0.000881	3501554	683081.9	891.6925	1.7E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.618355	0.74821	0.890431	5.489929	6.987248	1486.568	0.304535	0.280172	0.013726	0.012133	48230072	12756715	13071.56	2.59E+09
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.41217	0.498726	0.593525	3.720551	5.442348	967.3323	0.218946	0.201431	0.008931	0.007895	31384031	3422898	7344.227	1.26E+09
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.052484	0.063505	0.075576	1.089381	0.778902	177.1025	0.027794	0.02557	0.001636	0.001445	5745895	4530086	13078.63	2.97E+08
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.005018	0.006072	0.007226	0.055714	0.075548	20.30073	0.002886	0.002655	0.000188	0.000166	658634.7	160711.3	600.5853	42161653
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.530485	0.641887	0.763899	7.802078	6.255163	1353.068	0.313076	0.28803	0.012494	0.011044	43898794	23479749	39448.03	2.29E+09
Statewide	2022	Construction and Mini	Aggregate	Aggregate	Diesel	0.039857	0.048228	0.057395	0.331873	0.381805	55.86679	0.023146	0.021295	0.000515	0.000456	1812536	854964.3	2369.839	67148544
Statewide	2022	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.015936	0.019282	0.022947	0.492614	0.314983	86.03889	0.004411	0.004058	0.000795	0.000702	2791437	2686808	8888.875	1.69E+08
Statewide	2022	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.203201	0.245873	0.292609	2.398773	2.153123	362.2584	0.134895	0.124103	0.003343	0.002957	11753076	12574242	16674.96	1.13E+09
Statewide	2022	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007288	0.008766	0.010476	0.0355	0.055376	0.000129	0.001974	0.001491	8.43E-07	7.26E-07	2888.946	0	1342.336	0
Statewide	2022	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005607	0.006744	0.00806	0.027286	0.043841	0.000102	0.001493	0.001128	6.48E-07	5.58E-07	2221.435	0	272.5645	0
Statewide	2022	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001429	0.001718	0.002054	0.007622	0.011362	2.68E-05	0.00039	0.000294	1.75E-07	1.51E-07	600.1271	0	112.4723	0
Statewide	2022	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.089092	0.107801	0.128292	0.904369	0.814987	174.9604	0.041943	0.038587	0.001615	0.001428	5676399	3547054	4245.053	3.13E+08
Statewide	2022	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.038824	0.046976	0.055906	0.418979	0.436616	102.5797	0.018978	0.01746	0.000947	0.000837	3328086	969513.8	1276.91	1.62E+08
Statewide	2022	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.029434	0.035062	0.042379	0.246692	0.213215	29.39197	0.009258	0.008741	0.000372	0.000247	983300.5	885475.4	1266.43	32762590
Statewide	2022	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.113342	0.135675	0.163057	0.831348	0.993297	138.0299	0.033821	0.037127	0.001572	0.001149	4569838	1782379	15548.12	58818505
Statewide	2022	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.00051	0.000611	0.000734	0.004106	0.005059	0.714563	0.000158	0.00018	8.05E-06	5.81E-06	23096.02	17837.55	463.5926	677826.9
Statewide	2022	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.067176	0.080381	0.096648	0.48534	0.549664	76.23195	0.019495	0.021062	0.000877	0.000636	2527272	930385	8096.03	34424245
Statewide	2022	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.145409	0.173435	0.209314	1.157177	1.098382	152.6207	0.045144	0.044256	0.001877	0.00128	5090162	3491554	9222.411	1.61E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.018899	0.022867	0.027214	0.279522	0.25131	95.45476	0.008764	0.008063	0.000882	0.000779	3096925	539855.6	1488.084	1.19E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.108755	0.131594	0.156607	0.95466	1.357907	225.8333	0.062606	0.057598	0.002085	0.001843	7326914	2127271	4476.774	4.92E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.261424	0.316323	0.376451	2.267026	3.162036	557.7896	0.157871	0.145242	0.005149	0.004553	18096870	3842549	8246.154	8.16E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.260793	0.31556	0.375542	3.478706	2.634438	1004.106	0.102876	0.094646	0.009276	0.008195	32577100	10406482	16027.44	1.64E+09
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.198417	0.240085	0.285721	1.439575	2.490086	377.11	0.10487	0.09648	0.003481	0.003078	12234918	3074398	5181.389	5.78E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.001903	0.002289	0.002736	0.008401	0.014446	3.36E-05	0.000489	0.000369	2.07E-07	1.78E-07	710.1354	0	116.0455	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.002341	0.002815	0.003365	0.013691	0.01765	4.21E-05	0.000621	0.000469	3.05E-07	2.63E-07	1044.506	0	806.79	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.001228	0.001465	0.001767	0.010697	0.010646	1.216197	0.000372	0.000329	1.58E-05	1.02E-05	40482.02	29057.65	74.07071	958902.5
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.000235	0.000283	0.000338	0.000967	0.001789	4.13E-06	6.02E-05	4.55E-05	2.46E-08	2.11E-08	84.14514	0	34.01096	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.001684	0.002025	0.00242	0.006912	0.012797	2.95E-05	0.00043	0.000325	1.76E-07	1.51E-07	601.7405	0	53.49	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.004965	0.005972	0.007137	0.029392	0.037456	8.97E-05	0.001307	0.000988	6.52E-07	5.61E-07	2233.429	0	513.0531	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.000444	0.000534	0.000638	0.001822	0.003373	7.79E-06	0.000114	8.62E-05	4.63E-08	3.99E-08	158.5947	0	21.12	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.000752	0.000905	0.001082	0.003089	0.005719	1.32E-05	0.000192	0.000145	7.85E-08	6.76E-08	268.941	0	52.41124	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.001599	0.001924	0.002299	0.01009	0.012046	2.91E-05	0.000424	0.00032	2.19E-07	1.89E-07	751.102	0	466.89	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.011066	0.01331	0.015908	0.058208	0.083713	0.000198	0.002882	0.002178	1.34E-06	1.16E-06	4605.97	0	1411.678	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.000296	0.000356	0.000425	0.001215	0.002249	5.19E-06	7.56E-05	5.71E-05	3.09E-08	2.66E-08	105.7483	0	13.31617	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.025399	0.030544	0.036512	0.161792	0.191887	0.53804	0.006748	0.005119	1.04E-05	7.37E-06	29295.57	10439	4102.151	386243
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.087355	0.105069	0.125575	0.357826	0.664196	0.001528	0.022801	0.017227	9.1E-06	7.84E-06	31180.2	0	5519.593	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.008041	0.009672	0.01156	0.033012	0.061119	0.000141	0.002054	0.001552	8.39E-07	7.22E-07	2873.965	0	392.3661	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.010122	0.012174	0.01455	0.046614	0.076773	0.000179	0.002608	0.001971	1.13E-06	9.74E-07	3875.333	0	612.2824	0
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.080697	0.097643	0.116203	0.900082	0.769939	212.5865	0.036446	0.03353	0.001963	0.001735	6897135	2439650	3648.598	3.03E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.409705	0.495743	0.589975	3.413432	4.848502	1276.29	0.14706	0.135295	0.011788	0.010417	41407817	5192515	3818.736	2.09E+09
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.113903	0.137823	0.16402	1.08421	1.301791	284.8262	0.063548	0.058464	0.00263	0.002325	9240871	2480857	5521.817	4.28E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.024747	0.029943	0.035635	0.315418	0.2897	66.97149	0.014986	0.013787	0.000618	0.000547	2172816	779508.9	1959.785	1.01E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.013382	0.016192	0.019269	0.175361	0.157382	38.96592	0.007174	0.0066	0.00036	0.000318	1264206	520243.6	1110.401	68463489
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.080556	0.097473	0.116001	1.038451	0.822929	173.6992	0.042213	0.038836	0.001604	0.001418	5635480	3535588	10216.26	2.84E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.043627	0.052789	0.062823	1.121675	0.666521	188.6734	0.02182	0.020074	0.001743	0.00154	6121302	2922904	10292.12	2.94E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.081102	0.098133	0.116786	0.736207	0.965243	111.4192	0.046875	0.043125	0.001028	0.000909	3614872	705077.1	909.9518	1.75E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.591139	0.715278	0.85124	5.585703	6.376589	1534.76	0.275334	0.253308	0.014172	0.012527	49793597	13167839	13339.23	2.67E+09
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.408067	0.493761	0.587617	3.728571	5.229955	998.4798	0.21049	0.193651	0.009219	0.008149	32394576	3533025	7494.615	1.3E+09
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.05099	0.061698	0.073426	1.122597	0.755314	182.8917	0.02454	0.022576	0.001689	0.001493	5933721	4675785	13346.44	3.06E+08
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.004916	0.005948	0.007079	0.057517	0.071477	20.98706	0.002695	0.00248	0.000194	0.000171	680902.1	165862.8	612.8835	43590145
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.504554	0.610511	0.726558	8.020585	5.883348	1397.944	0.274489	0.25253	0.01291	0.01141	45354748	24236329	40255.81	2.37E+09
Statewide	2023	Construction and Mini	Aggregate	Aggregate	Diesel	0.037907	0.045868	0.054586	0.331899	0.370184	57.70393	0.021039	0.019356	0.000532	0.000471	1872140	882543.9	2418.366	69370762
Statewide	2023	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.01609	0.019469	0.023169	0.508406	0.315664	88.81167	0.004119	0.00379	0.000821	0.000725	2881397	2773396	9070.893	1.74E+08
Statewide	2023	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.188612	0.22822	0.271601	2.452298	1.998736	373.933	0.117791	0.108368	0.003452	0.003052	12131844	12979473	17016.42	1.16E+09
Statewide	2023	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007287	0.008764	0.010474	0.03546	0.055335	0.000129	0.001958	0.00148	8.42E-07	7.26E-07	2886.759	0	1343.637	0
Statewide	2023	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005595	0.00673	0.008044	0.027224	0.043749	0.000102	0.00149	0.001126	6.47E-07	5.57E-07	2216.553	0	271.8784	0
Statewide	2023	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00143	0.00172	0.002056	0.007592	0.011363	2.67E-05	0.00039	0.000294	1.75E-07	1.51E-07	598.8285	0	111.9251	0

Statewide	2023	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.080902	0.097891	0.116499	0.899733	0.753117	180.5989	0.035346	0.032519	0.001667	0.001474	5859332	3661365	4331.979	3.23E+08
Statewide	2023	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.037321	0.045159	0.053743	0.42816	0.402607	105.8856	0.017486	0.016087	0.000978	0.000864	3435341	1000758	1303.057	1.68E+08
Statewide	2023	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.027479	0.032735	0.039564	0.245383	0.208276	29.50559	0.008016	0.007591	0.000373	0.000248	986662.7	888796.9	1271.66	32885485
Statewide	2023	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.109045	0.130558	0.156871	0.827686	0.978762	138.5519	0.03076	0.03411	0.001578	0.001153	4585947	1789153	15606.77	59042061
Statewide	2023	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000493	0.000591	0.00071	0.004094	0.004986	0.717316	0.000145	0.000166	8.08E-06	5.82E-06	23130.1	17961.65	465.2226	682542.7
Statewide	2023	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.064314	0.07697	0.092528	0.483187	0.540957	76.52019	0.017623	0.019221	0.00088	0.000638	2536035	933896.3	8126.787	34554163
Statewide	2023	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.136233	0.162511	0.196102	1.149909	1.07536	153.195	0.039589	0.039044	0.001884	0.001284	5106803	3504825	9256.999	1.61E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.019267	0.023313	0.027745	0.28886	0.249014	98.52213	0.008634	0.007943	0.00091	0.000804	3196442	556666.3	1517.517	1.23E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.106447	0.128801	0.153284	0.960783	1.295373	232.8416	0.059616	0.054847	0.00215	0.0019	7554289	2193715	4565.319	5.07E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.254693	0.308178	0.366758	2.295171	3.009967	574.9645	0.148959	0.137042	0.005308	0.004693	18654091	3962573	8409.253	8.41E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.259517	0.314016	0.373705	3.588653	2.537677	1035.594	0.096371	0.088661	0.009567	0.008452	33598709	10731510	16344.45	1.69E+09
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.19034	0.230311	0.27409	1.466613	2.311024	388.7065	0.097571	0.089765	0.003588	0.003173	12611156	3170332	5283.871	5.96E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.001931	0.002322	0.002776	0.008527	0.014656	3.4E-05	0.000496	0.000375	2.1E-07	1.81E-07	720.6399	0	117.785	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.00237	0.002851	0.003407	0.013874	0.017884	4.27E-05	0.000628	0.000474	3.09E-07	2.66E-07	1058.207	0	817.7899	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.001178	0.001406	0.001695	0.010754	0.010546	1.232615	0.000336	0.000295	1.6E-05	1.03E-05	41009.4	29470.1	75.18215	972513.3
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.000238	0.000287	0.000343	0.000979	0.001813	4.18E-06	6.09E-05	4.6E-05	2.49E-08	2.14E-08	85.23637	0	34.45203	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.001704	0.00205	0.00245	0.006997	0.012955	2.99E-05	0.000436	0.000329	1.78E-07	1.53E-07	609.1652	0	54.15	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.005038	0.006059	0.007242	0.029822	0.038006	9.1E-05	0.001326	0.001002	6.61E-07	5.7E-07	2266.151	0	520.5676	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.000449	0.00054	0.000646	0.001844	0.003414	7.88E-06	0.000115	8.68E-05	4.68E-08	4.04E-08	160.5471	0	21.38	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.000763	0.000917	0.001096	0.003131	0.005797	1.34E-05	0.000195	0.000147	7.95E-08	6.85E-08	272.6101	0	53.12628	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.001621	0.00195	0.00233	0.010227	0.01221	2.95E-05	0.000429	0.000324	2.22E-07	1.91E-07	761.3174	0	473.24	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.01122	0.013495	0.016129	0.059017	0.084877	0.000201	0.002922	0.002208	1.36E-06	1.17E-06	4670.003	0	1431.275	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.000306	0.000368	0.000439	0.001254	0.002322	5.36E-06	7.81E-05	5.9E-05	3.19E-08	2.74E-08	109.2086	0	13.7519	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.025713	0.030922	0.036963	0.163943	0.194378	0.545303	0.006822	0.005172	1.05E-05	7.47E-06	29713.31	10581.35	4157.591	391509.9
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.088143	0.106017	0.126707	0.361406	0.670542	0.001544	0.022904	0.017306	9.19E-06	7.91E-06	31479.48	0	5578.399	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.008152	0.009805	0.011719	0.033467	0.061961	0.000143	0.002083	0.001574	8.5E-07	7.32E-07	2913.56	0	397.7718	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.010255	0.012335	0.014742	0.047228	0.077788	0.000181	0.002643	0.001997	1.15E-06	9.87E-07	3926.415	0	620.2169	0
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.079075	0.095681	0.113868	0.924269	0.743496	219.2652	0.033646	0.030955	0.002025	0.00179	7113817	2515808	3720.763	3.12E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.416607	0.504094	0.599914	3.477961	4.77905	1316.424	0.141407	0.130094	0.012158	0.010744	42709918	5354652	3894.266	2.16E+09
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.112208	0.135772	0.161579	1.112495	1.252567	293.8415	0.060788	0.055925	0.002713	0.002398	9533365	2558303	5631.032	4.41E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.024326	0.029434	0.035029	0.325564	0.275158	69.10319	0.014285	0.013142	0.000638	0.000564	2241977	803842.4	1998.547	1.04E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.013102	0.015854	0.018867	0.18086	0.149693	40.17281	0.006648	0.006117	0.000371	0.000328	1303363	536487.8	1132.363	70583456
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.078472	0.094951	0.112999	1.067633	0.80039	179.1433	0.03957	0.036404	0.001654	0.001462	5812106	3645943	10418.33	2.93E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.043086	0.052134	0.062044	1.156292	0.65584	194.5272	0.020467	0.018829	0.001797	0.001588	6311222	3014208	10495.68	3.03E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.078852	0.095411	0.113547	0.723677	0.924648	114.8794	0.044433	0.040878	0.00106	0.000938	3727137	727097.2	927.9495	1.81E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.579625	0.701346	0.83466	5.719323	5.954764	1582.638	0.254922	0.234529	0.014615	0.012917	51346963	13579057	13603.06	2.75E+09
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.403219	0.487894	0.580635	3.728222	4.98305	1029.291	0.201446	0.18533	0.009504	0.008401	33394215	3643470	7642.85	1.34E+09
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.050838	0.061514	0.073207	1.157941	0.751008	188.6865	0.023205	0.021349	0.001743	0.00154	6121727	4821826	13610.42	3.16E+08
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.004846	0.005863	0.006978	0.05914	0.069436	21.65971	0.002562	0.002357	0.0002	0.000177	702725.6	171053	625.0056	44977468
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.497892	0.602449	0.716965	8.283385	5.72556	1442.584	0.251103	0.231015	0.013322	0.011774	46803055	24992747	41052.02	2.44E+09
Statewide	2024	Construction and Mini	Aggregate	Aggregate	Diesel	0.037468	0.045337	0.053955	0.33856	0.368782	59.46621	0.020456	0.018819	0.000549	0.000485	1929316	910101.6	2466.199	71498102
Statewide	2024	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.01642	0.019868	0.023645	0.524079	0.322898	91.58446	0.004143	0.003812	0.000846	0.000748	2971357	2859984	9250.305	1.8E+08
Statewide	2024	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.17872	0.216252	0.257357	2.515984	1.892233	385.6075	0.104843	0.096456	0.00356	0.003147	12510611	13384704	17352.98	1.2E+09
Statewide	2024	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007282	0.008759	0.010468	0.035423	0.055272	0.000129	0.001942	0.001467	8.42E-07	7.25E-07	2884.223	0	1343.836	0
Statewide	2024	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005568	0.006697	0.008005	0.027121	0.043545	0.000102	0.001483	0.00112	6.44E-07	5.55E-07	2207.288	0	271.1433	0
Statewide	2024	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001417	0.001704	0.002037	0.00754	0.011265	2.65E-05	0.000386	0.000292	1.73E-07	1.49E-07	594.2664	0	111.2091	0
Statewide	2024	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.077709	0.094028	0.111901	0.918923	0.729762	186.2374	0.031867	0.029317	0.00172	0.00152	6042266	3775676	4417.661	3.33E+08
Statewide	2024	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.037405	0.04526	0.053863	0.434966	0.394018	109.1914	0.016739	0.0154	0.001008	0.000891	3542596	1032003	1328.83	1.73E+08
Statewide	2024	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.025859	0.030806	0.03723	0.244625	0.203624	29.61458	0.007015	0.006665	0.000375	0.000249	989787.8	892081.9	1276.17	33007030
Statewide	2024	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.105368	0.126179	0.151577	0.825048	0.965422	139.0709	0.028229	0.031606	0.001584	0.001157	4602102	1795793	15665.2	59261159
Statewide	2024	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000479	0.000574	0.000689	0.004086	0.004919	0.720047	0.000134	0.000155	8.11E-06	5.84E-06	23211.07	18041.95	467.1324	685594.1
Statewide	2024	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.061839	0.074021	0.088965	0.481635	0.532941	76.80609	0.016131	0.017767	0.000883	0.00064	2544764	937455.1	8157.105	34685837
Statewide	2024	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.128516	0.153323	0.184989	1.145062	1.053979	153.773	0.035096	0.034845	0.001891	0.001289	5123993	3518009	9292.498	1.62E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.018639	0.022553	0.02684	0.291357	0.237069	99.81735	0.007783	0.00716	0.000922	0.000815	3238464	563267.3	1528.844	1.25E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.098758	0.119498	0.142212	0.935074	1.165991	235.5588	0.053446	0.04917	0.002175	0.001923	7642445	2219491	4599.395	5.13E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.231925	0.280629	0.333972	2.263349	2.639071	581.6664	0.129302	0.118958	0.005371	0.004747	18871524	4009079	8472.02	8.5E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.248077	0.300173	0.357231	3.621873	2.316855	1048.206	0.085525	0.078683	0.009684	0.008555	34007897	10857766	16466.44	1.71E+09
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.171804	0.207883	0.247398	1.448106	1.992215	393.2183	0.083863	0.077154	0.00363	0.003209	12757536	3207653	5323.31	6.03E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.001961	0.002359	0.00282	0.008662	0.014889	3.46E-05	0.000504	0.000381	2.14E-07	1.84E-07	732.1001	0	119.659	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.0024	0.002887	0.003451	0.014057	0.018119	4.33E-05	0.000635	0.00048	3.13E-07	2.69E-07	1072.029	0	828.7701	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.001138	0.001358	0.001638	0.010825	0.010449	1.249034	0.000304	0.000266	1.62E-05	1.04E-05	41529.36	29857	76.16977	985281
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.000242	0.000291	0.000348	0.000993	0.001838	4.24E-06	6.18E-05	4.67E-05	2.52E-08	2.17E-08	86.43387	0	34.93605	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.001727	0.002078	0.002483	0.007092	0.013129	3.03E-05	0.000442	0.000334	1.8E-07	1.55E-07	617.3775	0	54.88	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.005111	0.006147	0.007347	0.030253	0.038558	9.23E-05	0.001345	0.001017	6.71E-07	5.78E-07	2298.913	0	528.0912	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.000454	0.000546	0.000653	0.001864	0.003451	7.97E-06	0.000116	8.77E-05	4.73E-08	4.08E-08	162.2742	0	21.61	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.000772	0.000928	0.001109	0.003168	0.005865	1.35E-05	0.000197	0.000149	8.05E-08	6.93E-08	275.7973	0	53.7474	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.001643	0.001976	0.002361	0.010364	0.012373	2.99E-05	0.000435	0.000329	2.25E-07	1.94E-07	771.5008	0	479.57	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.011373	0.01368	0.01635	0.05982	0.086038	0.000203	0.002962	0.002238	1.38E-06	1.19E-06	4733.672	0	1450.683	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.000314	0.000378	0.000452	0.00129	0.002388	5.51E-06	8.03E-05	6.07E-05	3.28E-08	2.82E-08	112.2859	0	14.1394	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.026029	0.031303	0.037418	0.166095	0.196866	0.552566	0.006897	0.005227	1.07E-05	7.57E-06	30094.28	10712.75	4212.859	396371.7
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.089048	0.107105	0.128007	0.365307	0.677375	0.001561	0.023053	0.017418	9.28E-06	8E-06	31812.35	0	5639.784	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.008266	0.009942	0.011883	0.033934	0.062827	0.000145	0.002113	0.001596	8.62E-07	7.43E-07	2954.285	0	403.3317	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.010388	0.012495	0.014933	0.047845	0.078796	0.000184	0.002677	0.002023	1.16E-06	1E-06	3977.567	0	628.528	0
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.072705	0.087973	0.104695	0.922337	0.673146	221.7597	0.028402	0.02613	0.002048	0.00181	7194749	2545332	3748.535	3.16E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.391412	0.473609	0.563634	3.415059	4.275973	1332.867	0.120054	0.11045	0.012311	0.010879	43243391	5417694	3923.333	2.19E+09
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.105293	0.127405	0.151622	1.111704	1.153876	297.3003	0.054411	0.050058	0.002746	0.002427	9645582	2588341	5673.062	4.46E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.022837	0.027633	0.032885	0.328616	0.247903	69.88512	0.012846	0.011818	0.000645	0.00057	2267346	813282.4	2013.465	1.05E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.011804	0.014283	0.016997	0.181439	0.129532	40.64771	0.005602	0.005154	0.000375	0.000332	1318770	542821.8	1140.815	71434112
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.073432	0.088853	0.105743	1.073439	0.752335	181.2381	0.035168	0.032355	0.001673	0.001479	5880072	3689086	10496.09	2.96E+08

Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.040616	0.049145	0.058487	1.167061	0.619984	196.804	0.017909	0.016477	0.001818	0.001606	6385089	3049597	10574.02	3.06E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.071997	0.087116	0.103675	0.653827	0.814564	116.1875	0.038719	0.035622	0.001072	0.000948	3769576	735622.3	934.8758	1.83E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.533641	0.645706	0.768443	5.66964	5.09089	1602.241	0.213043	0.196	0.014798	0.013077	51982943	13738590	13704.6	2.78E+09
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.362931	0.439146	0.52262	3.48183	4.213974	1041.439	0.170854	0.157186	0.009618	0.0085	33788351	3686150	7699.897	1.35E+09
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.049303	0.059657	0.070997	1.167302	0.733292	190.8377	0.021423	0.019709	0.001763	0.001558	6191519	4878847	13712.01	3.19E+08
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.004466	0.005404	0.006432	0.059509	0.061637	21.88837	0.002204	0.002028	0.000202	0.000179	710144.1	173041.8	629.6707	45468673
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.464334	0.561844	0.668641	8.343787	5.295154	1460.79	0.210307	0.193483	0.013492	0.011923	47393708	25286575	41358.44	2.47E+09
Statewide	2025	Construction and Mini	Aggregate	Aggregate	Diesel	0.035242	0.042643	0.050748	0.337757	0.354682	60.19055	0.018492	0.017013	0.000555	0.000491	1952816	920877	2484.607	72353546
Statewide	2025	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016234	0.019643	0.023377	0.528274	0.324346	92.66205	0.004071	0.003745	0.000856	0.000756	3006318	2893635	9319.35	1.82E+08
Statewide	2025	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.167379	0.202529	0.241026	2.533902	1.768936	390.1446	0.091779	0.084437	0.003602	0.003184	12657812	13542190	17482.51	1.21E+09
Statewide	2025	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.00725	0.00872	0.010422	0.035273	0.054995	0.000129	0.001921	0.001451	8.38E-07	7.22E-07	2871.797	0	1338.652	0
Statewide	2025	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005602	0.006738	0.008053	0.027277	0.043807	0.000102	0.001492	0.001127	6.48E-07	5.58E-07	2220.219	0	272.6153	0
Statewide	2025	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001419	0.001707	0.00204	0.007559	0.011285	2.66E-05	0.000387	0.000292	1.74E-07	1.5E-07	595.5442	0	111.498	0
Statewide	2025	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.072434	0.087646	0.104306	0.920206	0.687025	188.4286	0.027161	0.024988	0.00174	0.001538	6113360	3820101	4450.634	3.37E+08
Statewide	2025	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.035361	0.042787	0.05092	0.436729	0.363188	110.4762	0.014749	0.013569	0.00102	0.000902	3584278	1044146	1338.748	1.75E+08
Statewide	2025	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.024477	0.029161	0.03524	0.244156	0.199084	29.73052	0.006123	0.005841	0.000376	0.00025	993249.3	895596.9	1281.28	33137083
Statewide	2025	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.102176	0.122378	0.14698	0.823201	0.952863	139.6187	0.026086	0.029529	0.00159	0.001162	4619239	1802925	15726.81	59496518
Statewide	2025	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000467	0.00056	0.000672	0.004082	0.004858	0.722918	0.000125	0.000146	8.14E-06	5.86E-06	23312.6	18100.35	469.1421	687813.3
Statewide	2025	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.059674	0.071442	0.085848	0.48054	0.52538	77.10991	0.014821	0.016503	0.000887	0.000642	2554228	941108.7	8189.412	34821022
Statewide	2025	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.121898	0.145444	0.17546	1.141715	1.033301	154.3823	0.031108	0.031128	0.001899	0.001293	5142473	3531813	9329.056	1.62E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.01867	0.02259	0.026884	0.295294	0.234065	101.0506	0.007519	0.006917	0.000934	0.000825	3278477	569800.9	1540.11	1.26E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.093839	0.113545	0.135128	0.920927	1.084023	238.2958	0.04899	0.04507	0.0022	0.001945	7731243	2245319	4633.288	5.19E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.222545	0.26928	0.320466	2.273415	2.458483	588.5059	0.119367	0.109817	0.005434	0.004803	19093427	4055724	8534.451	8.6E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.243584	0.294737	0.350762	3.664439	2.19879	1060.687	0.078207	0.07195	0.009799	0.008657	34412805	10984118	16587.79	1.73E+09
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.159637	0.193161	0.229877	1.452003	1.756307	398.0659	0.07428	0.068338	0.003676	0.003249	12914808	3244858	5362.538	6.1E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.001998	0.002403	0.002872	0.00882	0.015166	3.52E-05	0.000513	0.000388	2.18E-07	1.87E-07	745.546	0	121.8352	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.002431	0.002924	0.003495	0.014241	0.018351	4.39E-05	0.000642	0.000485	3.17E-07	2.73E-07	1085.926	0	839.62	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.001104	0.001318	0.001589	0.010903	0.010353	1.265453	0.000274	0.000238	1.64E-05	1.06E-05	42081.88	30284.05	77.14655	999373.6
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.000245	0.000295	0.000353	0.001007	0.001865	4.3E-06	6.27E-05	4.74E-05	2.56E-08	2.2E-08	87.68151	0	35.44034	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.001752	0.002107	0.002518	0.007191	0.013314	3.07E-05	0.000448	0.000338	1.83E-07	1.57E-07	626.0396	0	55.65	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.005182	0.006233	0.007449	0.030674	0.039094	9.36E-05	0.001364	0.001031	6.8E-07	5.86E-07	2330.888	0	535.4359	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.000462	0.000556	0.000664	0.001897	0.003512	8.11E-06	0.000118	8.92E-05	4.82E-08	4.15E-08	165.1277	0	21.99	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.000781	0.00094	0.001123	0.003207	0.005938	1.37E-05	0.0002	0.000151	8.15E-08	7.02E-08	279.2074	0	54.41196	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.001664	0.002002	0.002392	0.010499	0.012535	3.03E-05	0.000441	0.000333	2.28E-07	1.96E-07	781.5875	0	485.84	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.011525	0.013861	0.016567	0.060609	0.087181	0.000206	0.003002	0.002268	1.4E-06	1.21E-06	4796.281	0	1469.733	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.000321	0.000386	0.000461	0.001317	0.002438	5.63E-06	8.2E-05	6.19E-05	3.34E-08	2.88E-08	114.6328	0	14.43492	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.026349	0.031688	0.037878	0.168256	0.199363	0.55983	0.006973	0.005282	1.08E-05	7.67E-06	30490.41	10884.3	4268.411	402719.1
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.089924	0.108159	0.129267	0.369006	0.683822	0.001577	0.023199	0.017528	9.38E-06	8.08E-06	32130.74	0	5696.88	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.00838	0.010079	0.012046	0.034401	0.06369	0.000147	0.002142	0.001618	8.74E-07	7.53E-07	2994.866	0	408.872	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.010546	0.012684	0.01516	0.048548	0.079991	0.000187	0.002718	0.002053	1.18E-06	1.01E-06	4036.737	0	636.9607	0
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.07088	0.085764	0.102067	0.932541	0.64387	224.3469	0.025512	0.023471	0.002072	0.001831	7278689	2575034	3776.158	3.19E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.393219	0.475795	0.566235	3.454744	4.15665	1348.965	0.114	0.10488	0.01246	0.01101	43765676	5480663	3952.244	2.22E+09
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.100989	0.122197	0.145425	1.11114	1.085722	300.5604	0.05016	0.046147	0.002776	0.002453	9751350	2618469	5714.867	4.51E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.021725	0.026287	0.031283	0.331766	0.231322	70.71123	0.011725	0.010787	0.000653	0.000577	2294148	822738.4	2028.302	1.07E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.011344	0.013726	0.016335	0.182926	0.121958	41.13349	0.005165	0.004752	0.00038	0.000336	1334531	549119.8	1149.222	72272336
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.070996	0.085905	0.102234	1.085284	0.72911	183.3902	0.032571	0.029966	0.001693	0.001497	5949893	3731849	10573.43	3E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.039449	0.047734	0.056807	1.179547	0.600744	199.0913	0.016503	0.015183	0.00184	0.001625	6459299	3085066	10651.94	3.1E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.069577	0.084189	0.100192	0.646298	0.768839	117.3773	0.036243	0.033344	0.001083	0.000958	3808177	744182.4	941.7649	1.85E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.514833	0.622948	0.741359	5.704153	4.638214	1620.948	0.189993	0.174793	0.014971	0.01323	52589879	13898394	13805.59	2.82E+09
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.351762	0.425633	0.506538	3.445358	3.911084	1053.56	0.159254	0.146514	0.00973	0.008599	34181609	3729041	7756.637	1.37E+09
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.048117	0.058222	0.069289	1.176898	0.722689	192.9865	0.019968	0.018371	0.001783	0.001575	6261234	4935476	13813.05	3.23E+08
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.004231	0.00512	0.006093	0.059971	0.055372	22.19364	0.001976	0.001818	0.000205	0.000181	720048.2	175076.5	634.3108	46089172
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.450062	0.544576	0.64809	8.453345	5.050869	1478.788	0.185557	0.170712	0.013659	0.01207	47977645	25580930	41663.21	2.5E+09
Statewide	2026	Construction and Mini	Aggregate	Aggregate	Diesel	0.033932	0.041057	0.048862	0.33928	0.346116	60.9048	0.017273	0.015892	0.000562	0.000497	1975989	931590.1	2502.916	73264912
Statewide	2026	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016241	0.019651	0.023387	0.533287	0.32682	93.73963	0.004036	0.003713	0.000866	0.000765	3041279	2927286	9388.024	1.84E+08
Statewide	2026	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.155725	0.188427	0.224244	2.549524	1.636894	394.6817	0.07784	0.071613	0.003644	0.003221	12805013	13699675	17611.33	1.23E+09
Statewide	2026	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007265	0.008738	0.010444	0.035369	0.055085	0.000129	0.001915	0.001447	8.4E-07	7.24E-07	2878.933	0	1342.181	0
Statewide	2026	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005647	0.006792	0.008118	0.027503	0.044163	0.000103	0.001504	0.001136	6.53E-07	5.63E-07	2238.493	0	274.9471	0
Statewide	2026	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001431	0.001721	0.002057	0.007609	0.011373	2.68E-05	0.00039	0.000295	1.75E-07	1.51E-07	599.8164	0	112.2195	0
Statewide	2026	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.069178	0.083705	0.099616	0.924392	0.655076	190.6199	0.023675	0.021781	0.00176	0.001556	6184454	3864526	4483.431	3.41E+08
Statewide	2026	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.033846	0.040954	0.048739	0.434337	0.335209	111.7609	0.013222	0.012164	0.001032	0.000912	3625960	1056288	1348.614	1.77E+08
Statewide	2026	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.023242	0.027691	0.033462	0.243745	0.19458	29.85806	0.005263	0.005047	0.000378	0.000251	997303.3	899531.6	1286.39	33282667
Statewide	2026	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.099334	0.118996	0.142889	0.821903	0.941066	140.2122	0.0241	0.027633	0.001597	0.001166	4637926	1810593	15793.46	59749584
Statewide	2026	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000456	0.000547	0.000656	0.004081	0.004801	0.726076	0.000117	0.000138	8.18E-06	5.87E-06	23346.74	18166.05	471.2921	690309.9
Statewide	2026	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.057724	0.069119	0.083041	0.47971	0.518215	77.43661	0.013573	0.015306	0.00089	0.000645	2564558	945061.7	8223.99	34967281
Statewide	2026	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.116008	0.138433	0.166979	1.139061	1.013027	155.0368	0.02729	0.027575	0.001907	0.001299	5162770	3546917	9368.414	1.63E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.018796	0.022743	0.027066	0.298181	0.23048	101.9338	0.007284	0.006701	0.000942	0.000832	3307130	576359.6	1551.316	1.27E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.090303	0.109266	0.130036	0.922476	1.015705	241.0391	0.045479	0.041841	0.002226	0.001967	7820248	2271222	4667	5.25E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.212688	0.257353	0.306271	2.28155	2.283447	595.4998	0.108758	0.100058	0.005499	0.00486	19320336	4102456	8596.549	8.7E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.238755	0.288893	0.343807	3.704944	2.078011	1073.072	0.071522	0.0658	0.009914	0.008758	34814647	11110460	16708.48	1.75E+09
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.15173	0.183593	0.218491	1.462773	1.586438	402.5199	0.067279	0.061897	0.003717	0.003285	13059315	3282209	5401.557	6.17E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.002033	0.002445	0.002922	0.008974	0.015432	3.58E-05	0.000522	0.000395	2.21E-07	1.91E-07	758.5873	0	123.9618	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.002463	0.002962	0.00354	0.014428	0.018589	4.45E-05	0.00065	0.000491	3.21E-07	2.77E-07	1100.149	0	850.6099	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.001075	0.001284	0.001547	0.010989	0.010268	1.28187	0.000246	0.000212	1.66E-05	1.07E-05	42649.05	30678.25	78.05279	1012382
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.000249	0.000299	0.000358	0.001021	0.001891	4.37E-06	6.36E-05	4.8E-05	2.59E-08	2.24E-08	88.92443	0	35.94272	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.001774	0.002134	0.00255	0.007283	0.013484	3.11E-05	0.000453	0.000343	1.85E-07	1.59E-07	634.0268	0	56.36	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.005256	0.006322	0.007556	0.031112	0.039654	9.5E-05	0.001384	0.001045	6.9E-07	5.94E-07	2364.208	0	543.0884	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.000469	0.000564	0.000674	0.001923	0.003561	8.22E-06	0.00012	9.05E-05	4.89E-08	4.21E-08	167.4555	0	22.3	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.000793	0.000953	0.00114	0.003254	0.006025	1.39E-05	0.000203	0.000153	8.27E-08	7.12E-08	283.3169	0	55.21282	0

Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.001686	0.002028	0.002423	0.010636	0.012698	3.07E-05	0.000447	0.000337	2.31E-07	1.99E-07	791.7548	0	492.16	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.011677	0.014045	0.016786	0.06141	0.088337	0.000209	0.003042	0.002298	1.42E-06	1.22E-06	4859.717	0	1489.108	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.000326	0.000392	0.000468	0.001337	0.002475	5.71E-06	8.32E-05	6.29E-05	3.4E-08	2.92E-08	116.3656	0	14.65313	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.02667	0.032074	0.038339	0.170412	0.201854	0.567093	0.00705	0.005338	1.09E-05	7.77E-06	30878.87	11052.2	4323.774	408931.4
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.090836	0.109256	0.130579	0.372819	0.690605	0.001593	0.023368	0.017656	9.47E-06	8.16E-06	32460.25	0	5755.754	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.008492	0.010214	0.012208	0.034863	0.064547	0.000149	0.002171	0.00164	8.86E-07	7.63E-07	3035.162	0	414.3734	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.010677	0.012842	0.015348	0.049145	0.080987	0.000189	0.002751	0.002079	1.19E-06	1.03E-06	4086.59	0	644.4968	0
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.069211	0.083746	0.099664	0.944099	0.615277	226.8863	0.022967	0.02113	0.002096	0.001852	7361077	2604574	3803.634	3.23E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.394848	0.477765	0.56858	3.458533	4.040063	1364.298	0.108306	0.099641	0.012602	0.011135	44263137	5543674	3981.001	2.24E+09
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.097188	0.117597	0.13995	1.11737	1.026698	304.015	0.046037	0.042354	0.002808	0.002481	9863433	2648512	5756.449	4.56E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.021001	0.025412	0.030242	0.335644	0.219226	71.54549	0.010787	0.009924	0.000661	0.000584	2321215	832214.7	2043.06	1.08E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.01108	0.013407	0.015955	0.184793	0.116044	41.61059	0.00481	0.004426	0.000384	0.00034	1350010	555456.2	1157.584	73083179
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.069051	0.083551	0.099433	1.098783	0.70201	185.5026	0.030225	0.027807	0.001713	0.001514	6018428	3774678	10650.37	3.03E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.038451	0.046526	0.055369	1.191695	0.587472	201.3997	0.015483	0.014244	0.001861	0.001644	6534191	3120583	10729.45	3.14E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.067003	0.081074	0.096485	0.639838	0.73294	118.747	0.033762	0.031061	0.001096	0.000969	3852616	752748	948.6174	1.87E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.497254	0.601677	0.716046	5.741275	4.168087	1639.673	0.168013	0.154572	0.015145	0.013383	53197377	14058412	13906.04	2.85E+09
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.344421	0.416749	0.495966	3.441851	3.6609	1066.121	0.14974	0.137761	0.009846	0.008702	34589114	3771968	7813.076	1.38E+09
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.047211	0.057125	0.067984	1.189042	0.712637	195.1925	0.018503	0.017022	0.001803	0.001593	6332807	4992189	13913.56	3.27E+08
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.004168	0.005043	0.006002	0.060704	0.053038	22.45001	0.001845	0.001698	0.000207	0.000183	728365.8	177106.6	638.9261	46649642
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.438302	0.530345	0.631154	8.559088	4.867203	1496.035	0.165636	0.152385	0.013818	0.01221	48537210	25874423	41966.36	2.53E+09
Statewide	2027	Construction and Mini	Aggregate	Aggregate	Diesel	0.032496	0.03932	0.046794	0.340566	0.336346	61.64109	0.016027	0.014745	0.000569	0.000503	1999877	942248.8	2521.127	74126914
Statewide	2027	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016326	0.019754	0.023509	0.538974	0.329613	94.81722	0.004029	0.003707	0.000876	0.000774	3076240	2960937	9456.333	1.86E+08
Statewide	2027	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.148682	0.179905	0.214102	2.576158	1.54897	399.2188	0.068266	0.062804	0.003687	0.003258	12952213	13857160	17739.48	1.24E+09
Statewide	2027	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007304	0.008785	0.0105	0.035597	0.055363	0.00013	0.001916	0.001447	8.45E-07	7.28E-07	2896.376	0	1350.448	0
Statewide	2027	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005705	0.006862	0.008202	0.027798	0.044621	0.000104	0.00152	0.001148	6.6E-07	5.69E-07	2262.102	0	277.9955	0
Statewide	2027	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001433	0.001724	0.00206	0.007623	0.011392	2.68E-05	0.000391	0.000295	1.75E-07	1.51E-07	600.8813	0	112.4278	0
Statewide	2027	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.067622	0.081823	0.097376	0.935285	0.63279	192.8112	0.021004	0.019323	0.001781	0.001574	6255547	3908951	4516.053	3.45E+08
Statewide	2027	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.033083	0.04003	0.047639	0.439187	0.319627	113.0457	0.012127	0.011156	0.001044	0.000923	3667643	1068431	1358.426	1.79E+08
Statewide	2027	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.022122	0.026358	0.031849	0.243285	0.190172	29.99433	0.004431	0.004279	0.00038	0.000252	1001550	903637.8	1292.45	33434599
Statewide	2027	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.096809	0.115991	0.139252	0.821143	0.930261	140.8618	0.022202	0.025831	0.001604	0.001171	4658609	1818912	15866.95	60024089
Statewide	2027	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000447	0.000536	0.000643	0.004083	0.00475	0.729432	0.000109	0.000131	8.21E-06	5.91E-06	23496.03	18239.05	473.362	693083.9
Statewide	2027	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.055994	0.067058	0.080549	0.479149	0.511614	77.7946	0.01238	0.014168	0.000895	0.000648	2575829	949423.4	8261.736	35128666
Statewide	2027	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.110758	0.132184	0.159419	1.136746	0.993562	155.7562	0.023619	0.024164	0.001916	0.001304	5185176	3563291	9412.182	1.64E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.01912	0.023136	0.027533	0.301921	0.232039	103.0467	0.007274	0.006692	0.000952	0.000841	3343238	582918.4	1562.463	1.29E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.088777	0.10742	0.127839	0.927924	0.96839	243.8298	0.043465	0.039988	0.002252	0.00199	7910789	2296851	4700.536	5.31E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.20475	0.247747	0.294839	2.293195	2.136118	602.3056	0.10013	0.092119	0.005562	0.004916	19541143	4148973	8658.32	8.8E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.235461	0.284908	0.339064	3.7512	1.984625	1084.891	0.06644	0.061124	0.010023	0.008855	35198101	11236635	16828.54	1.77E+09
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.147517	0.178495	0.212424	1.480184	1.480571	407.3064	0.062418	0.057425	0.003761	0.003324	13214606	3319455	5440.37	6.24E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.002069	0.002489	0.002975	0.009135	0.01571	3.65E-05	0.000532	0.000402	2.25E-07	1.94E-07	772.189	0	126.18	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.002494	0.003	0.003585	0.014611	0.018822	4.5E-05	0.000657	0.000497	3.25E-07	2.8E-07	1114.075	0	861.45	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.001051	0.001256	0.001513	0.011083	0.010202	1.298286	0.000219	0.000187	1.68E-05	1.09E-05	43165.15	31068.8	79.11551	1025270
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.000252	0.000303	0.000362	0.001034	0.001913	4.42E-06	6.43E-05	4.86E-05	2.63E-08	2.26E-08	89.97606	0	36.36779	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.001795	0.002159	0.00258	0.007369	0.013644	3.15E-05	0.000459	0.000347	1.87E-07	1.61E-07	641.5641	0	57.03	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.005329	0.00641	0.007661	0.031543	0.040206	9.63E-05	0.001403	0.00106	6.99E-07	6.02E-07	2397.022	0	550.6245	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.000474	0.00057	0.000681	0.001944	0.0036	8.31E-06	0.000121	9.15E-05	4.94E-08	4.25E-08	169.2578	0	22.54	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.000802	0.000964	0.001152	0.003291	0.006093	1.41E-05	0.000205	0.000155	8.36E-08	7.2E-08	286.5109	0	55.83526	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.001708	0.002054	0.002455	0.010773	0.012862	3.1E-05	0.000452	0.000342	2.34E-07	2.02E-07	802.0024	0	498.53	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.011834	0.014234	0.017012	0.062224	0.089526	0.000212	0.003082	0.002329	1.44E-06	1.24E-06	4924.48	0	1508.624	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.000327	0.000393	0.00047	0.001343	0.002486	5.74E-06	8.36E-05	6.32E-05	3.41E-08	2.94E-08	116.917	0	14.72256	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.026993	0.032462	0.038803	0.172568	0.204351	0.574356	0.007127	0.005394	1.11E-05	7.87E-06	31300.12	11176.3	4379.044	413523.1
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.09176	0.110367	0.131906	0.376659	0.697516	0.00161	0.023553	0.017795	9.57E-06	8.24E-06	32792.8	0	5815.041	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.008605	0.010351	0.012371	0.035328	0.065407	0.000151	0.0022	0.001662	8.97E-07	7.73E-07	3075.587	0	419.8924	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.010797	0.012987	0.015521	0.04969	0.0819	0.000191	0.002782	0.002102	1.21E-06	1.04E-06	4132.24	0	651.368	0
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.067384	0.081535	0.097033	0.954908	0.576226	229.5706	0.020446	0.01881	0.00212	0.001874	7448166	2634171	3830.966	3.26E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.393928	0.476653	0.567256	3.486459	3.929323	1379.869	0.103069	0.094823	0.012746	0.011262	44768333	5606618	4009.607	2.27E+09
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.095218	0.115213	0.137113	1.128202	0.985073	307.4747	0.04328	0.039818	0.00284	0.00251	9975679	2678735	5797.813	4.61E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.020222	0.024468	0.029119	0.339223	0.205844	72.34573	0.009821	0.009036	0.000668	0.00059	2347177	841672.7	2057.741	1.09E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.011003	0.013313	0.015844	0.186958	0.113191	42.08493	0.004568	0.004202	0.000389	0.000343	1365399	561742.8	1165.902	73929550
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.066781	0.080805	0.096165	1.110821	0.680384	187.6077	0.027949	0.025713	0.001733	0.001531	6086727	3817527	10726.9	3.07E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.03766	0.045569	0.054231	1.203068	0.580372	203.6958	0.014668	0.013495	0.001882	0.001663	6608685	3156670	10806.55	3.17E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.066691	0.080696	0.096035	0.648113	0.716095	120.0748	0.032951	0.030315	0.001108	0.00098	3895694	761253.6	955.4338	1.89E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.491484	0.594696	0.707737	5.804638	3.899757	1657.692	0.15308	0.140833	0.015311	0.01353	53782000	14218000	14005.96	2.88E+09
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.33675	0.407468	0.484921	3.431556	3.432707	1078.564	0.14029	0.129067	0.009962	0.008803	34992813	3814922	7869.218	1.4E+09
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.046279	0.055997	0.066641	1.202113	0.7061	197.4116	0.017201	0.015825	0.001824	0.001611	6404801	5048873	14013.53	3.3E+08
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.004151	0.005022	0.005977	0.061413	0.051114	22.6821	0.001778	0.001636	0.00021	0.000185	735895.7	179100	643.5172	47158615
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.432683	0.523546	0.623063	8.677545	4.73933	1513.617	0.151533	0.13941	0.013981	0.012354	49107649	26169178	42267.91	2.56E+09
Statewide	2028	Construction and Mini	Aggregate	Aggregate	Diesel	0.031579	0.038211	0.045474	0.343624	0.328587	62.34554	0.015067	0.013861	0.000575	0.000509	2022733	952908.3	2539.243	74959826
Statewide	2028	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016436	0.019888	0.023668	0.545301	0.332295	95.89481	0.003988	0.003669	0.000886	0.000783	3111202	2994587	9524.282	1.88E+08
Statewide	2028	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.143285	0.173375	0.20633	2.605539	1.470714	403.7558	0.060163	0.05535	0.003729	0.003295	13099414	14014645	17866.95	1.25E+09
Statewide	2028	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007356	0.008848	0.010574	0.035884	0.055742	0.000131	0.001922	0.001452	8.52E-07	7.34E-07	2918.676	0	1360.94	0
Statewide	2028	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005762	0.006931	0.008283	0.028074	0.045063	0.000105	0.001535	0.00116	6.67E-07	5.74E-07	2284.593	0	280.7752	0
Statewide	2028	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001445	0.001738	0.002077	0.007689	0.011488	2.7E-05	0.000394	0.000298	1.77E-07	1.52E-07	605.9955	0	113.4022	0
Statewide	2028	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.066326	0.080255	0.09551	0.943613	0.618531	195.0025	0.019133	0.017602	0.001801	0.001592	6326641	3953376	4548.504	3.49E+08
Statewide	2028	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.031074	0.037599	0.044746	0.442834	0.285634	114.3304	0.010278	0.009456	0.001056	0.000933	3709325	1080573	1368.188	1.81E+08
Statewide	2028	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.02116	0.025214	0.030465	0.242941	0.186239	30.13642	0.00368	0.003586	0.000381	0.000253	1005974	907879.1	1298.36	33591527
Statewide	2028	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.09465	0.113423	0.136144	0.820956	0.920903	141.5258	0.020469	0.024189	0.001612	0.001177	4679835	1827570	15941.45	60309797
Statewide	2028	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.00044	0.000527	0.000632	0.004088	0.004707	0.732842	0.000102	0.000124	8.25E-06	5.94E-06	23631.12	18396	475.5416	699048
Statewide	2028	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.054513	0.065296	0.078417	0.478914	0.505862	78.16092	0.011291	0.013132	0.000899	0.000651	2587549	953978.6	8300.873	35297208
Statewide	2028	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.106281	0.126855	0.152972	1.135229	0.97608	156.4934	0.020256	0.021042	0.001925	0.00131	5208377	3580062	9456.66	1.65E+08

Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.019195	0.023225	0.02764	0.305074	0.229375	104.2639	0.007166	0.006593	0.000963	0.000851	3382726	589448	1573.552	1.3E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.086842	0.105079	0.125053	0.926011	0.920897	246.5534	0.041295	0.037992	0.002277	0.002012	7999153	2322768	4733.896	5.37E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.200245	0.242297	0.288353	2.309223	2.027056	608.905	0.094073	0.086548	0.005624	0.00497	19755252	4195602	8719.77	8.9E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.234529	0.28378	0.337722	3.795967	1.93241	1097.078	0.063219	0.058162	0.010136	0.008954	35593489	11362909	16947.98	1.79E+09
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.14329	0.173381	0.206338	1.499715	1.37517	412.1413	0.057415	0.052822	0.003806	0.003364	13371472	3356785	5478.982	6.31E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.002099	0.002525	0.003017	0.00926	0.015934	3.7E-05	0.000539	0.000407	2.28E-07	1.97E-07	782.9552	0	127.9049	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.002525	0.003037	0.00363	0.014796	0.019058	4.56E-05	0.000665	0.000503	3.29E-07	2.84E-07	1128.159	0	872.3099	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.001033	0.001234	0.001487	0.011182	0.010202	1.314705	0.000201	0.000171	1.7E-05	1.1E-05	43724.65	31455.7	79.94518	1038038
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.000255	0.000307	0.000367	0.001047	0.001938	4.47E-06	6.52E-05	4.92E-05	2.66E-08	2.29E-08	91.1235	0	36.83157	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.001819	0.002188	0.002615	0.007469	0.013828	3.19E-05	0.000465	0.000351	1.9E-07	1.63E-07	650.2262	0	57.8	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.005403	0.006498	0.007766	0.031976	0.040759	9.76E-05	0.001422	0.001075	7.09E-07	6.11E-07	2429.94	0	558.1848	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.00048	0.000577	0.00069	0.001971	0.003649	8.42E-06	0.000123	9.27E-05	5.01E-08	4.31E-08	171.5856	0	22.85	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.000811	0.000975	0.001166	0.003329	0.006164	1.42E-05	0.000207	0.000157	8.46E-08	7.29E-08	289.859	0	56.48775	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.001729	0.002079	0.002485	0.010908	0.013023	3.14E-05	0.000458	0.000346	2.37E-07	2.04E-07	812.0087	0	504.75	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.011983	0.014413	0.017226	0.063001	0.090652	0.000214	0.003121	0.002358	1.45E-06	1.25E-06	4986.126	0	1527.337	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.000329	0.000396	0.000474	0.001352	0.002504	5.78E-06	8.42E-05	6.36E-05	3.44E-08	2.96E-08	117.7426	0	14.82653	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.027319	0.032855	0.039272	0.174728	0.206881	0.581619	0.007208	0.005454	1.12E-05	7.97E-06	31695.86	11362.45	4434.401	420410.6
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.092722	0.111525	0.13329	0.38064	0.70477	0.001627	0.023758	0.01795	9.67E-06	8.33E-06	33138.35	0	5876.504	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.008718	0.010486	0.012533	0.035792	0.066266	0.000153	0.002228	0.001684	9.09E-07	7.83E-07	3115.976	0	425.4064	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.010903	0.013114	0.015674	0.050176	0.082704	0.000193	0.00281	0.002123	1.22E-06	1.05E-06	4172.67	0	657.6475	0
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.066292	0.080213	0.09546	0.965822	0.55617	232.1835	0.018687	0.017192	0.002145	0.001895	7532937	2663730	3858.155	3.3E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.38908	0.470786	0.560275	3.476722	3.776015	1395.68	0.095822	0.088156	0.012892	0.011391	45281301	5669652	4038.064	2.3E+09
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.094059	0.113811	0.135445	1.138418	0.949343	311.0227	0.041333	0.038027	0.002873	0.002539	10090789	2708780	5838.961	4.66E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.01997	0.024163	0.028756	0.343317	0.197056	73.131	0.009428	0.008674	0.000676	0.000597	2372655	851121.3	2072.345	1.1E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.01102	0.013335	0.015869	0.189489	0.110633	42.56054	0.004352	0.004004	0.000393	0.000347	1380830	568089.1	1174.176	74739337
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.066257	0.08017	0.095409	1.124922	0.672656	189.7073	0.02695	0.024794	0.001752	0.001548	6154843	3860439	10803.03	3.1E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.037436	0.045297	0.053907	1.214542	0.57951	205.9935	0.014393	0.013241	0.001903	0.001681	6683233	3191298	10883.24	3.21E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.065561	0.079329	0.094408	0.64898	0.68379	121.3202	0.031485	0.028966	0.00112	0.00099	3936100	769844.9	962.2147	1.91E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.489178	0.591906	0.704417	5.878929	3.667245	1675.821	0.141987	0.130628	0.015479	0.013678	54370164	14377793	14105.37	2.91E+09
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.331544	0.401168	0.477423	3.402665	3.240723	1090.712	0.132566	0.121961	0.010074	0.008902	35386938	3857582	7925.067	1.42E+09
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.046194	0.055894	0.066519	1.215172	0.705645	199.7444	0.016657	0.015325	0.001845	0.00163	6480488	5105535	14112.99	3.34E+08
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.004118	0.004983	0.00593	0.062138	0.049624	22.92667	0.001675	0.001541	0.000212	0.000187	743830.7	181089.4	648.0844	47666894
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.431473	0.522082	0.621321	8.791646	4.656834	1530.932	0.142244	0.130865	0.014141	0.012495	49669402	26462978	42567.9	2.59E+09
Statewide	2029	Construction and Mini	Aggregate	Aggregate	Diesel	0.030979	0.037485	0.04461	0.346374	0.326826	63.00432	0.014463	0.013306	0.000582	0.000514	2044106	963577.1	2557.265	75760884
Statewide	2029	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016627	0.020118	0.023942	0.551708	0.335017	96.9724	0.00393	0.003616	0.000896	0.000791	3146163	3028238	9591.878	1.9E+08
Statewide	2029	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.141002	0.170612	0.203043	2.637894	1.427454	408.2929	0.054833	0.050446	0.003771	0.003332	13246614	14172131	17993.75	1.27E+09
Statewide	2029	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007418	0.008922	0.010663	0.036202	0.056203	0.000132	0.001932	0.00146	8.59E-07	7.4E-07	2944.009	0	1372.804	0
Statewide	2029	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.005833	0.007016	0.008385	0.028402	0.045612	0.000107	0.001553	0.001174	6.75E-07	5.81E-07	2311.787	0	283.8881	0
Statewide	2029	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001452	0.001747	0.002087	0.007732	0.011545	2.72E-05	0.000396	0.000299	1.78E-07	1.53E-07	609.2556	0	114.0612	0
Statewide	2029	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.064696	0.078282	0.093162	0.952758	0.602838	197.1938	0.017478	0.01608	0.001821	0.001609	6397735	3997800	4580.786	3.53E+08
Statewide	2029	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.030582	0.037004	0.044038	0.449232	0.272903	115.6152	0.009449	0.008693	0.001068	0.000944	3751008	1092716	1377.898	1.83E+08
Statewide	2029	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.02039	0.024297	0.029355	0.242841	0.184213	30.28492	0.003169	0.003115	0.000383	0.000254	1010693	912346.7	1305.02	33756828
Statewide	2029	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092954	0.111406	0.133701	0.821653	0.916653	142.2152	0.019249	0.02303	0.00162	0.001182	4702049	1836494	16019.19	60604297
Statewide	2029	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000434	0.00052	0.000623	0.004095	0.004686	0.736093	9.72E-05	0.000119	8.29E-06	5.96E-06	23715.3	18472.65	477.5416	701960.7
Statewide	2029	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.053352	0.063914	0.076745	0.479204	0.503157	78.54302	0.010527	0.012405	0.000903	0.000654	2599705	958621.4	8341.53	35468992
Statewide	2029	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.102719	0.122616	0.147843	1.134984	0.967088	157.2538	0.017923	0.018877	0.001934	0.001316	5232573	3597520	9502.588	1.65E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.018874	0.022837	0.027178	0.307764	0.221141	105.4225	0.007015	0.006454	0.000974	0.00086	3420316	595998.1	1584.584	1.32E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.084425	0.102154	0.121572	0.926308	0.881254	249.2932	0.039714	0.036537	0.002302	0.002035	8088042	2348579	4767.085	5.43E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.195254	0.236258	0.281166	2.318257	1.93773	615.6714	0.089889	0.082698	0.005686	0.005025	19974779	4242225	8780.903	9E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.229837	0.278103	0.330966	3.829261	1.86467	1109.269	0.059792	0.055009	0.010249	0.009054	35989016	11489178	17066.8	1.81E+09
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.140445	0.169939	0.202241	1.506603	1.304261	416.7212	0.055024	0.050622	0.003849	0.003401	13520060	3394087	5517.394	6.38E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.002123	0.002554	0.003052	0.009364	0.016118	3.74E-05	0.000545	0.000412	2.31E-07	1.99E-07	791.8007	0	129.3253	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.002557	0.003076	0.003676	0.014983	0.019297	4.62E-05	0.000673	0.000509	3.33E-07	2.87E-07	1142.405	0	883.35	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.001022	0.001221	0.001471	0.011295	0.01025	1.331123	0.000188	0.000158	1.72E-05	1.11E-05	44251.89	31875.45	80.94842	1051890
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.000258	0.000311	0.000371	0.00106	0.001963	4.53E-06	6.6E-05	4.99E-05	2.69E-08	2.32E-08	92.2858	0	37.30137	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.00184	0.002213	0.002645	0.007553	0.013984	3.23E-05	0.00047	0.000355	1.92E-07	1.65E-07	657.5385	0	58.45	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.005477	0.006587	0.007873	0.032411	0.041319	9.9E-05	0.001442	0.001089	7.19E-07	6.19E-07	2463.139	0	565.8069	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.000487	0.000586	0.0007	0.002	0.003703	8.55E-06	0.000125	9.41E-05	5.08E-08	4.38E-08	174.1387	0	23.19	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.000821	0.000988	0.00118	0.003371	0.006241	1.44E-05	0.00021	0.000159	8.56E-08	7.38E-08	293.4809	0	57.19358	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.00175	0.002105	0.002516	0.011043	0.013184	3.18E-05	0.000464	0.00035	2.4E-07	2.07E-07	822.0954	0	511.02	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.01213	0.014589	0.017436	0.063765	0.091759	0.000217	0.003159	0.002387	1.47E-06	1.27E-06	5046.781	0	1545.8	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.000331	0.000398	0.000476	0.00136	0.002518	5.81E-06	8.47E-05	6.4E-05	3.46E-08	2.98E-08	118.4117	0	14.91078	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.027648	0.03325	0.039744	0.17689	0.209425	0.588882	0.00729	0.005515	1.14E-05	8.07E-06	32095.08	11504.8	4489.75	425677.6
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.093677	0.112673	0.134663	0.38457	0.712008	0.001643	0.023974	0.018114	9.77E-06	8.41E-06	33480.14	0	5937.177	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.008832	0.010623	0.012696	0.036258	0.06713	0.000155	0.002257	0.001706	9.21E-07	7.93E-07	3156.577	0	430.9496	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.010999	0.013229	0.015811	0.05061	0.083427	0.000195	0.002834	0.002141	1.23E-06	1.06E-06	4208.921	0	663.1714	0
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.064891	0.078518	0.093442	0.97512	0.533395	234.7636	0.017457	0.016061	0.002169	0.001916	7616645	2693330	3885.204	3.34E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.384038	0.464686	0.553014	3.492781	3.649939	1411.189	0.092395	0.085003	0.013036	0.011518	45784481	5732655	4066.375	2.32E+09
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.090593	0.109618	0.130454	1.145392	0.905226	314.4789	0.038638	0.035547	0.002905	0.002567	10202921	2738881	5879.897	4.72E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.019375	0.023444	0.0279	0.346594	0.187479	73.94366	0.008821	0.008116	0.000683	0.000604	2399021	860579.3	2086.874	1.11E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.010862	0.013142	0.015641	0.191351	0.108939	43.03348	0.004175	0.003841	0.000398	0.000351	1396174	574401.9	1182.408	75569865
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.064429	0.077959	0.092778	1.134401	0.661604	191.8154	0.025684	0.02363	0.001771	0.001566	6223238	3903337	10878.77	3.14E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.037267	0.045094	0.053665	1.2275	0.577362	208.2826	0.013894	0.012782	0.001925	0.0017	6757499	3226761	10959.54	3.24E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.063385	0.076696	0.091274	0.644821	0.650594	122.6684	0.030038	0.027635	0.001132	0.001001	3979840	778399.7	968.9607	1.93E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.483239	0.584719	0.695864	5.915463	3.465985	1694.443	0.135157	0.124345	0.015651	0.01383	54974343	14537564	14204.26	2.94E+09
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.325659	0.394047	0.468948	3.377958	3.051607	1102.832	0.128438	0.118163	0.010186	0.009001	35780168	3900449	7980.629	1.43E+09
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.044908	0.054339	0.064668	1.227034	0.700466	201.9641	0.015383	0.014152	0.001866	0.001648	6552502	5162269	14211.94	3.38E+08
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.003993	0.004831	0.005749	0.062139	0.048599	23.18144	0.001594	0.001466	0.000214	0.000189	752096.3	183101.7	652.628	48196583
Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.425178	0.514465	0.612256	8.877647	4.596408	1547.944	0.134858	0.124069	0.014299	0.012634	50221345	26757043	42866.33	2.62E+09

Statewide	2030	Construction and Mini	Aggregate	Aggregate	Diesel	0.030159	0.036492	0.043429	0.348631	0.323218	63.70444	0.014064	0.012939	0.000588	0.00052	2066820	974284.6	2575.193	76602763
Statewide	2030	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.01664	0.020135	0.023962	0.557664	0.337104	98.04999	0.003809	0.003504	0.000906	0.0008	3181124	3061889	9659.126	1.93E+08
Statewide	2030	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.137198	0.16601	0.197565	2.663035	1.383649	412.83	0.050221	0.046204	0.003813	0.003369	13393815	14329616	18119.9	1.28E+09
Statewide	2030	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007481	0.008998	0.010755	0.036529	0.056683	0.000133	0.001944	0.001469	8.67E-07	7.47E-07	2970.129	0	1384.997	0
Statewide	2030	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005888	0.007082	0.008464	0.028664	0.046042	0.000108	0.001568	0.001185	6.81E-07	5.86E-07	2333.309	0	286.4299	0
Statewide	2030	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00146	0.001756	0.002099	0.007772	0.011607	2.73E-05	0.000398	0.000301	1.79E-07	1.54E-07	612.4171	0	114.6332	0
Statewide	2030	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.062809	0.075999	0.090445	0.960325	0.588962	199.3851	0.016035	0.014752	0.001842	0.001627	6468828	4042225	4612.901	3.56E+08
Statewide	2030	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.030058	0.03637	0.043283	0.451277	0.261258	116.8999	0.008861	0.008152	0.00108	0.000954	3792690	1104859	1387.558	1.85E+08
Statewide	2030	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.01979	0.023583	0.028491	0.243015	0.183139	30.43853	0.002789	0.002765	0.000385	0.000255	1015599	916931.1	1311.489	33926451
Statewide	2030	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.091688	0.109903	0.131878	0.823273	0.915253	142.9328	0.018332	0.022163	0.001628	0.001188	4725348	1845776	16100.07	60910601
Statewide	2030	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.00043	0.000516	0.000618	0.004109	0.004683	0.740032	9.37E-05	0.000116	8.33E-06	6.01E-06	23914.59	18585.8	480.2112	706260.4
Statewide	2030	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052491	0.06289	0.075505	0.480034	0.502141	78.94057	0.009954	0.011863	0.000908	0.000657	2612616	963516.1	8383.587	35650094
Statewide	2030	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.099987	0.119365	0.143908	1.136107	0.962528	158.0482	0.016169	0.017251	0.001944	0.001323	5257991	3615686	9550.626	1.66E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.018806	0.022756	0.027081	0.310829	0.193118	106.5811	0.006173	0.005679	0.000985	0.00087	3457906	602548.3	1595.56	1.33E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.083127	0.100584	0.119703	0.930507	0.842377	252.0329	0.038629	0.035539	0.002328	0.002057	8176931	2374391	4800.105	5.49E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.192661	0.23312	0.277432	2.317959	1.861576	622.4377	0.087114	0.080145	0.005749	0.00508	20194306	4288848	8841.725	9.1E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.227363	0.275109	0.327402	3.865588	1.809196	1121.46	0.056824	0.052278	0.010362	0.009153	36384542	11615446	17185.01	1.83E+09
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.138435	0.167506	0.199347	1.520394	1.209725	421.301	0.052008	0.047847	0.003891	0.003439	13668648	3431389	5555.611	6.45E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.002142	0.002577	0.00308	0.009446	0.016264	3.78E-05	0.00055	0.000416	2.33E-07	2.01E-07	798.8484	0	130.457	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.002589	0.003114	0.003721	0.015168	0.019535	4.67E-05	0.000681	0.000515	3.37E-07	2.91E-07	1156.483	0	894.24	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.001015	0.001213	0.001461	0.011412	0.010304	1.347542	0.000177	0.000148	1.75E-05	1.13E-05	44767.99	32309.8	82.05257	1066223
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.000262	0.000315	0.000376	0.001074	0.001988	4.59E-06	6.69E-05	5.05E-05	2.73E-08	2.35E-08	93.49802	0	37.79134	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.001866	0.002245	0.002683	0.007661	0.014185	3.27E-05	0.000477	0.00036	1.95E-07	1.68E-07	666.9881	0	59.29	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.005549	0.006674	0.007976	0.032837	0.04186	0.0001	0.001461	0.001104	7.28E-07	6.27E-07	2495.466	0	573.2335	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.000493	0.000593	0.000709	0.002024	0.003746	8.65E-06	0.000126	9.52E-05	5.14E-08	4.43E-08	176.1662	0	23.46	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.000831	0.001	0.001195	0.003412	0.006317	1.46E-05	0.000212	0.000161	8.67E-08	7.47E-08	297.0301	0	57.88524	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.001772	0.002131	0.002547	0.01118	0.013347	3.22E-05	0.000469	0.000355	2.43E-07	2.09E-07	832.2626	0	517.34	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.012274	0.014763	0.017644	0.06452	0.09285	0.000219	0.003197	0.002415	1.49E-06	1.28E-06	5106.58	0	1564.015	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.000334	0.000402	0.00048	0.001371	0.002539	5.86E-06	8.54E-05	6.45E-05	3.48E-08	3E-08	119.3885	0	15.03378	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.02798	0.03365	0.040222	0.179063	0.211982	0.596146	0.007375	0.005578	1.15E-05	8.17E-06	32491.12	11643.5	4545.121	430809.5
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.094623	0.113811	0.136023	0.388454	0.719198	0.00166	0.024196	0.018281	9.87E-06	8.5E-06	33818.26	0	5997.138	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.008946	0.01076	0.01286	0.036726	0.067997	0.000157	0.002287	0.001728	9.33E-07	8.04E-07	3197.347	0	436.5156	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.01108	0.013327	0.015928	0.05099	0.084046	0.000196	0.002855	0.002157	1.24E-06	1.07E-06	4240.41	0	668.3377	0
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.063333	0.076632	0.091199	0.983605	0.516148	237.3437	0.015956	0.014679	0.002192	0.001937	7700353	2722930	3912.115	3.38E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.383553	0.4641	0.552317	3.474807	3.565088	1426.698	0.090482	0.083244	0.013179	0.011645	46287661	5795658	4094.541	2.35E+09
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.088876	0.10754	0.127982	1.155605	0.870309	317.9351	0.037114	0.034145	0.002937	0.002595	10315053	2768982	5920.625	4.77E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.019011	0.023004	0.027376	0.349574	0.179686	74.75632	0.008391	0.007719	0.000691	0.00061	2425386	870037.2	2101.329	1.13E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.010494	0.012697	0.015111	0.192904	0.103855	43.50643	0.003931	0.003617	0.000402	0.000355	1411518	580714.7	1190.598	76400392
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.062777	0.07596	0.090398	1.142417	0.647594	193.9234	0.024511	0.02255	0.001791	0.001583	6291633	3946236	10954.12	3.17E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.036682	0.044385	0.052822	1.240029	0.569422	210.5717	0.013401	0.012329	0.001946	0.001719	6831765	3262223	11035.46	3.28E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.062799	0.075987	0.090431	0.639613	0.632843	124.0165	0.029574	0.027209	0.001145	0.001012	4023579	786954.4	975.6722	1.95E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.480469	0.581367	0.691875	5.957796	3.297201	1713.065	0.130824	0.120358	0.015824	0.013982	55578521	14697335	14302.64	2.98E+09
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.322399	0.390103	0.464254	3.39881	2.900554	1114.952	0.125911	0.115839	0.010299	0.0091	36173399	3943315	8035.907	1.45E+09
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.043721	0.052903	0.062959	1.238716	0.694382	204.1837	0.014306	0.013162	0.001886	0.001667	6624515	5219004	14310.37	3.41E+08
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.003887	0.004704	0.005598	0.062385	0.046524	23.43621	0.001488	0.001369	0.000217	0.000191	760362	185114	657.1485	48726273
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.420891	0.509279	0.606084	8.96616	4.538153	1564.956	0.127411	0.117218	0.014456	0.012773	50773287	27051108	43163.25	2.65E+09
Statewide	2031	Construction and Mini	Aggregate	Aggregate	Diesel	0.029715	0.035955	0.042789	0.351414	0.320186	64.40456	0.013738	0.012639	0.000595	0.000526	2089535	984992.2	2593.031	77444642
Statewide	2031	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016649	0.020146	0.023975	0.563658	0.33862	99.12758	0.003706	0.00341	0.000916	0.000809	3216085	3095540	9726.03	1.95E+08
Statewide	2031	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.133645	0.16171	0.192448	2.688726	1.336803	417.3671	0.046268	0.042567	0.003855	0.003406	13541016	14487101	18245.41	1.3E+09
Statewide	2031	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007541	0.00907	0.01084	0.036827	0.057135	0.000134	0.001956	0.001478	8.74E-07	7.53E-07	2994.162	0	1396.203	0
Statewide	2031	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005936	0.00714	0.008533	0.028894	0.046417	0.000108	0.001581	0.001194	6.86E-07	5.91E-07	2352.166	0	288.6852	0
Statewide	2031	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001467	0.001765	0.002109	0.007805	0.011664	2.75E-05	0.0004	0.000302	1.8E-07	1.55E-07	615.2121	0	115.1078	0
Statewide	2031	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.06182	0.074802	0.089021	0.968763	0.579416	201.5763	0.015094	0.013886	0.001862	0.001645	6539922	4086650	4644.853	3.6E+08
Statewide	2031	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.029616	0.035835	0.042647	0.455849	0.252443	118.1847	0.008496	0.007817	0.001092	0.000965	3834372	1117001	1397.169	1.87E+08
Statewide	2031	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019359	0.023071	0.027871	0.243493	0.18241	30.59648	0.002475	0.002476	0.000387	0.000257	1020740	921741.8	1318.159	34104447
Statewide	2031	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.090851	0.10891	0.130672	0.825813	0.915184	143.6874	0.017582	0.021459	0.001636	0.001194	4749891	1855412	16185.08	61228589
Statewide	2031	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000427	0.000513	0.000614	0.004125	0.004685	0.743964	9.08E-05	0.000113	8.38E-06	6.04E-06	24022.95	18695.3	482.7611	710421.4
Statewide	2031	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.051921	0.062213	0.074683	0.481413	0.501885	79.35571	0.009487	0.011427	0.000913	0.00066	2626133	968531.1	8427.893	35835653
Statewide	2031	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098059	0.117072	0.141131	1.138622	0.959697	158.8786	0.014718	0.015911	0.001954	0.001329	5285084	3634769	9600.324	1.67E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.018622	0.022532	0.026815	0.313956	0.188356	107.7397	0.005707	0.00525	0.000996	0.000879	3495496	609098.4	1606.48	1.35E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.08115	0.098192	0.116856	0.931492	0.803961	254.7727	0.03616	0.033268	0.002353	0.002079	8265820	2400202	4832.958	5.55E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.189762	0.229612	0.273257	2.324806	1.790757	629.204	0.082987	0.076348	0.005812	0.005135	20413832	4335471	8902.239	9.2E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.225745	0.273151	0.325072	3.900663	1.767962	1133.651	0.054112	0.049783	0.010474	0.009253	36780068	11741714	17302.63	1.85E+09
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.134931	0.163267	0.194301	1.532603	1.123023	425.8809	0.049005	0.045085	0.003933	0.003476	13817236	3468690	5593.634	6.53E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.002162	0.0026	0.003108	0.009528	0.016411	3.81E-05	0.000555	0.00042	2.35E-07	2.03E-07	805.9184	0	131.5886	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.00262	0.003151	0.003767	0.015352	0.019772	4.73E-05	0.000689	0.000521	3.42E-07	2.94E-07	1170.564	0	905.13	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.001012	0.001209	0.001456	0.011533	0.010361	1.363961	0.000168	0.000139	1.77E-05	1.14E-05	45360.59	32674.8	82.90387	1078268
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.000265	0.000319	0.000381	0.001087	0.002013	4.65E-06	6.77E-05	5.11E-05	2.76E-08	2.38E-08	94.6503	0	38.25709	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.00189	0.002273	0.002716	0.007757	0.014362	3.31E-05	0.000483	0.000365	1.97E-07	1.7E-07	675.3128	0	60.03	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.005621	0.006761	0.00808	0.033265	0.042408	0.000102	0.00148	0.001118	7.38E-07	6.35E-07	2528.019	0	580.7097	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.0005	0.000602	0.000719	0.002054	0.003802	8.78E-06	0.000128	9.66E-05	5.22E-08	4.49E-08	178.7945	0	23.81	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.000841	0.001011	0.001209	0.003452	0.006391	1.48E-05	0.000215	0.000162	8.77E-08	7.55E-08	300.5273	0	58.56678	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.001794	0.002157	0.002578	0.011316	0.01351	3.26E-05	0.000475	0.000359	2.46E-07	2.12E-07	842.4298	0	523.66	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.012416	0.014934	0.017848	0.065262	0.093927	0.000222	0.003234	0.002443	1.51E-06	1.3E-06	5165.516	0	1581.928	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.000338	0.000406	0.000485	0.001386	0.002566	5.92E-06	8.63E-05	6.52E-05	3.52E-08	3.03E-08	120.65	0	15.19263	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.028313	0.034051	0.040701	0.181233	0.214535	0.60341	0.007459	0.005641	1.16E-05	8.27E-06	32901.32	11811.4	4600.506	437021.8
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.095568	0.114947	0.13738	0.392332	0.726377	0.001677	0.024427	0.018456	9.97E-06	8.58E-06	34155.82	0	6056.998	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.009056	0.010893	0.013018	0.037178	0.068833	0.000159	0.002315	0.001749	9.44E-07	8.14E-07	3236.668	0	441.8839	0
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.011165	0.013429	0.01605	0.051382	0.084688	0.000197	0.002877	0.002174	1.25E-06	1.07E-06	4272.869	0	673.532	0

Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.062704	0.075872	0.090294	0.993442	0.503926	239.9238	0.01486	0.013671	0.002216	0.001958	7784062	2752530	3938.89	3.41E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.384234	0.464923	0.553297	3.502396	3.485668	1442.208	0.088259	0.081198	0.013322	0.011771	46790842	5858661	4122.564	2.37E+09
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.086785	0.10501	0.124971	1.165098	0.839439	321.3913	0.034713	0.031936	0.002969	0.002623	10427185	2799083	5961.147	4.82E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.018675	0.022597	0.026892	0.352852	0.174663	75.56897	0.008026	0.007384	0.000698	0.000617	2451752	879495.1	2115.711	1.14E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.010195	0.012336	0.01468	0.194593	0.099839	43.97938	0.003669	0.003376	0.000406	0.000359	1426862	587027.5	1198.747	77230920
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.061134	0.073972	0.088033	1.150237	0.635887	196.0315	0.023364	0.021495	0.001811	0.0016	6360027	3989134	11029.09	3.2E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.036002	0.043562	0.051843	1.252364	0.564545	212.8607	0.01258	0.011573	0.001967	0.001737	6906032	3297686	11110.98	3.31E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.061028	0.073844	0.087881	0.615919	0.599573	125.3647	0.027541	0.025338	0.001157	0.001023	4067318	795509.2	982.3499	1.97E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.476334	0.576364	0.68592	5.994006	3.123945	1731.688	0.122899	0.113067	0.015996	0.014134	56182700	14857105	14400.53	3.01E+09
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.319119	0.386134	0.459531	3.410672	2.784958	1127.073	0.121399	0.111687	0.010411	0.009199	36566630	3986182	8090.906	1.46E+09
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.042868	0.05187	0.06173	1.250768	0.688623	206.4033	0.01351	0.012429	0.001907	0.001685	6696528	5275738	14408.32	3.45E+08
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.003845	0.004652	0.005536	0.062985	0.045428	23.69098	0.001443	0.001328	0.000219	0.000193	768627.7	187126.4	661.6461	49255963
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.418068	0.505862	0.602017	9.054776	4.496205	1581.969	0.122271	0.112489	0.014614	0.012912	51325229	27345173	43458.67	2.68E+09
Statewide	2032	Construction and Mini	Aggregate	Aggregate	Diesel	0.028844	0.034901	0.041535	0.352019	0.314968	65.10469	0.013039	0.011996	0.000601	0.000531	2112250	995699.8	2610.778	78286522
Statewide	2032	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016637	0.02013	0.023957	0.569577	0.341227	100.2052	0.003657	0.003364	0.000926	0.000818	3251046	3129190	9792.597	1.97E+08
Statewide	2032	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.131488	0.159101	0.189343	2.715156	1.307321	421.9042	0.043724	0.040226	0.003897	0.003444	13688216	14644586	18370.29	1.31E+09
Statewide	2032	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007599	0.00914	0.010924	0.037117	0.057577	0.000135	0.001969	0.001488	8.8E-07	7.58E-07	3017.576	0	1407.121	0
Statewide	2032	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.005981	0.007194	0.008598	0.029109	0.046768	0.000109	0.001593	0.001203	6.91E-07	5.96E-07	2369.805	0	290.7897	0
Statewide	2032	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001479	0.001779	0.002126	0.007869	0.011758	2.77E-05	0.000403	0.000305	1.81E-07	1.56E-07	620.2056	0	116.0549	0
Statewide	2032	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.060868	0.07365	0.08765	0.977201	0.570949	203.7676	0.014271	0.013129	0.001882	0.001663	6611016	4131075	4676.643	3.64E+08
Statewide	2032	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.028616	0.034626	0.041207	0.460126	0.235096	119.4695	0.006986	0.006427	0.001104	0.000975	3876055	1129144	1406.732	1.89E+08
Statewide	2032	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019057	0.022711	0.027436	0.244285	0.181973	30.76624	0.002212	0.002234	0.000389	0.000258	1026322	926972.2	1325.589	34297973
Statewide	2032	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.090328	0.10829	0.129917	0.829106	0.91614	144.4852	0.016956	0.020878	0.001645	0.001201	4776104	1865836	16274.69	61572595
Statewide	2032	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000426	0.000511	0.000613	0.004144	0.004692	0.748157	8.84E-05	0.000111	8.42E-06	6.06E-06	24117.8	18830.35	485.4609	715553.3
Statewide	2032	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.051558	0.061783	0.07416	0.483252	0.502231	79.79623	0.009101	0.01107	0.000918	0.000664	2640569	973998.9	8474.44	36037957
Statewide	2032	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.096724	0.115486	0.139209	1.142457	0.958274	159.7669	0.013505	0.014795	0.001965	0.001337	5314082	3654997	9654.501	1.68E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.018368	0.022225	0.02645	0.316692	0.182346	108.8983	0.005257	0.004836	0.001006	0.000889	3533086	615648.5	1617.346	1.36E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.079834	0.0966	0.114962	0.938995	0.775307	257.5125	0.033835	0.031128	0.002378	0.002102	8354709	2426013	4865.646	5.61E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.187106	0.226398	0.269433	2.333881	1.73425	635.9704	0.078968	0.072651	0.005874	0.005191	20633359	4382094	8962.451	9.3E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.224426	0.271555	0.323173	3.934393	1.729102	1145.842	0.051427	0.047313	0.010587	0.009352	37175594	11867983	17419.66	1.87E+09
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.133428	0.161448	0.192137	1.546335	1.074324	430.4607	0.046505	0.042785	0.003976	0.003513	13965824	3505992	5631.468	6.6E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.00218	0.002623	0.003134	0.009613	0.016552	3.84E-05	0.00056	0.000423	2.37E-07	2.04E-07	812.9751	0	132.7579	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.002652	0.00319	0.003812	0.015537	0.020012	4.79E-05	0.000697	0.000527	3.46E-07	2.98E-07	1184.695	0	915.99	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.001012	0.001209	0.001457	0.011659	0.010427	1.380376	0.00016	0.000131	1.79E-05	1.15E-05	45858.45	33058.05	83.93043	1090916
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.000268	0.000322	0.000385	0.001099	0.002035	4.7E-06	6.84E-05	5.17E-05	2.79E-08	2.41E-08	95.70537	0	38.68354	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.001912	0.0023	0.002748	0.007849	0.014531	3.35E-05	0.000489	0.000369	1.99E-07	1.72E-07	683.3001	0	60.74	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.005692	0.006847	0.008183	0.033687	0.042945	0.000103	0.001498	0.001132	7.47E-07	6.43E-07	2560.083	0	588.0756	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.000507	0.00061	0.000729	0.002083	0.003857	8.9E-06	0.00013	9.8E-05	5.29E-08	4.56E-08	181.3476	0	24.15	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.00085	0.001023	0.001222	0.003491	0.006464	1.49E-05	0.000217	0.000164	8.87E-08	7.64E-08	303.9317	0	59.23024	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.001815	0.002183	0.002609	0.011452	0.013672	3.3E-05	0.000481	0.000363	2.49E-07	2.14E-07	852.5327	0	529.94	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.012556	0.015102	0.018049	0.065999	0.094984	0.000224	0.00327	0.002471	1.52E-06	1.31E-06	5223.731	0	1599.806	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.000342	0.000411	0.000491	0.001403	0.002598	6E-06	8.74E-05	6.6E-05	3.57E-08	3.07E-08	122.1827	0	15.38563	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.028649	0.034455	0.041184	0.18341	0.217096	0.610672	0.007545	0.005705	1.18E-05	8.37E-06	33282.67	11957.4	4655.918	442423.8
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.096533	0.116108	0.138768	0.396293	0.733712	0.001694	0.024671	0.01864	1.01E-05	8.67E-06	34500.74	0	6118.163	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.009171	0.011031	0.013184	0.037649	0.069706	0.000161	0.002344	0.001771	9.56E-07	8.24E-07	3277.709	0	447.4871	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.011245	0.013526	0.016165	0.051766	0.085299	0.000199	0.002898	0.00219	1.26E-06	1.08E-06	4304.392	0	679.0513	0
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.062186	0.075245	0.089547	1.003373	0.500034	242.5038	0.013526	0.012444	0.00224	0.001979	7867770	2782130	3965.532	3.45E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.382335	0.462625	0.550562	3.534392	3.358934	1457.717	0.082622	0.076012	0.013466	0.011898	47294022	5921664	4150.448	2.4E+09
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.084621	0.102391	0.121854	1.172708	0.804669	324.8474	0.031945	0.029389	0.003001	0.002651	10539317	2829184	6001.466	4.87E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.018035	0.021822	0.02597	0.356049	0.167415	76.38163	0.007395	0.006803	0.000706	0.000623	2478118	888953.1	2130.021	1.15E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.01003	0.012136	0.014443	0.196479	0.09802	44.45232	0.003417	0.003143	0.000411	0.000363	1442207	593340.3	1206.855	78061447
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.059497	0.071992	0.085676	1.15913	0.627135	198.1396	0.022059	0.020295	0.00183	0.001617	6428422	4032033	11103.69	3.24E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.03497	0.042314	0.050357	1.264754	0.560816	215.1498	0.011492	0.010572	0.001988	0.001756	6980298	3333149	11186.14	3.35E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.060022	0.072626	0.086431	0.591021	0.57683	126.7128	0.026221	0.024123	0.00117	0.001034	4111057	804063.9	988.9942	1.99E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.474027	0.573572	0.682599	6.04495	3.003344	1750.31	0.115943	0.106668	0.016168	0.014286	56786879	15016876	14497.93	3.04E+09
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.316161	0.382555	0.455272	3.423251	2.661542	1139.193	0.114471	0.105314	0.010523	0.009298	36959861	4029049	8145.631	1.48E+09
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.041999	0.050819	0.060478	1.262872	0.6843	208.6229	0.012568	0.011562	0.001928	0.001703	6768541	5332472	14505.77	3.49E+08
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.003838	0.004644	0.005527	0.063657	0.045062	23.94575	0.001384	0.001273	0.000221	0.000195	776893.4	189138.7	666.1213	49785653
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.415491	0.502744	0.598307	9.142948	4.451387	1598.981	0.114986	0.105787	0.014771	0.013051	51877172	27639238	43752.61	2.71E+09
Statewide	2033	Construction and Mini	Aggregate	Aggregate	Diesel	0.028013	0.033895	0.040338	0.350369	0.311637	65.80481	0.012453	0.011456	0.000608	0.000537	2134965	1006407	2628.436	79128401
Statewide	2033	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016442	0.019895	0.023676	0.575389	0.343236	101.2828	0.00341	0.003137	0.000936	0.000827	3286007	3162841	9858.831	1.99E+08
Statewide	2033	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.129283	0.156432	0.186167	2.741635	1.283728	426.4413	0.040783	0.03752	0.003939	0.003481	13835417	14802072	18494.54	1.32E+09
Statewide	2033	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007653	0.009205	0.011001	0.037376	0.057981	0.000136	0.001981	0.001497	8.87E-07	7.64E-07	3038.69	0	1416.967	0
Statewide	2033	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006034	0.007258	0.008675	0.029361	0.047182	0.00011	0.001607	0.001214	6.98E-07	6.01E-07	2390.537	0	293.244	0
Statewide	2033	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001499	0.001803	0.002154	0.007979	0.011915	2.81E-05	0.000409	0.000309	1.83E-07	1.58E-07	628.7189	0	117.6965	0
Statewide	2033	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.060348	0.073021	0.086901	0.986492	0.563561	205.9589	0.013128	0.012077	0.001902	0.001681	6682109	4175500	4708.274	3.68E+08
Statewide	2033	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.028362	0.034318	0.040841	0.464341	0.229562	120.7542	0.006526	0.006004	0.001116	0.000986	3917737	1141287	1416.246	1.91E+08
Statewide	2033	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.018888	0.02251	0.027192	0.245476	0.181827	30.95372	0.001995	0.002035	0.000392	0.00026	1032540	932447.2	1333.679	34500548
Statewide	2033	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.090117	0.108044	0.129612	0.833265	0.918031	145.3515	0.01645	0.020415	0.001655	0.001208	4804475	1877016	16372.19	61941533
Statewide	2033	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000426	0.000511	0.000612	0.004166	0.004704	0.75266	8.65E-05	0.000109	8.48E-06	6.11E-06	24311.98	18910.65	488.3606	718604.7
Statewide	2033	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.051393	0.06159	0.073923	0.485634	0.503121	80.27556	0.008787	0.010786	0.000923	0.000668	2656279	979809.7	8525.406	36252957
Statewide	2033	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.095962	0.114581	0.138111	1.14785	0.95806	160.7214	0.012507	0.01388	0.001977	0.001345	5345437	3676915	9711.769	1.69E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.01822	0.022046	0.026237	0.319892	0.178452	110.0569	0.004813	0.004428	0.001017	0.000898	3570676	622198.7	1628.158	1.38E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.078521	0.09501	0.11307	0.944859	0.74943	260.2523	0.03226	0.029679	0.002404	0.002124	8443598	2451825	4898.173	5.67E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.183602	0.222159	0.264387	2.345234	1.675402	642.7367	0.073919	0.068006	0.005937	0.005246	20852886	4428716	9022.365	9.39E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.223356	0.27026	0.321632	3.97128	1.693955	1158.033	0.048316	0.044451	0.0107	0.009452	37571121	11994251	17536.11	1.89E+09
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.129744	0.15699	0.186831	1.558805	1.002688	435.0406	0.042859	0.03943	0.004018	0.003551	14114412	3543294	5669.114	6.67E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.002202	0.002648	0.003165	0.009706	0.016712	3.88E-05	0.000566	0.000427	2.4E-07	2.06E-07	820.8608	0	134.0518	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.002684	0.003228	0.003858	0.015725	0.020254	4.85E-05	0.000706	0.000533	3.5E-07	3.01E-07	1199.037	0	927.04	0

Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.001017	0.001215	0.001464	0.011791	0.010504	1.396794	0.000153	0.000126	1.81E-05	1.17E-05	46414.85	33466.85	84.95385	1104406
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.000271	0.000326	0.000389	0.001112	0.002059	4.75E-06	6.93E-05	5.23E-05	2.83E-08	2.43E-08	96.83591	0	39.1405	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.001932	0.002324	0.002777	0.007931	0.014685	3.39E-05	0.000494	0.000373	2.01E-07	1.74E-07	690.4998	0	61.38	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.005767	0.006936	0.00829	0.034126	0.043507	0.000104	0.001518	0.001147	7.57E-07	6.52E-07	2593.46	0	595.7408	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.000512	0.000616	0.000737	0.002104	0.003895	8.99E-06	0.000131	9.9E-05	5.34E-08	4.6E-08	183.1498	0	24.39	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.000861	0.001035	0.001237	0.003533	0.00654	1.51E-05	0.00022	0.000166	8.97E-08	7.73E-08	307.5446	0	59.93432	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.001837	0.00221	0.002641	0.011591	0.013839	3.34E-05	0.000487	0.000368	2.52E-07	2.17E-07	862.893	0	536.38	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.012696	0.01527	0.01825	0.066738	0.096042	0.000227	0.003307	0.002498	1.54E-06	1.33E-06	5282.12	0	1617.785	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.000346	0.000417	0.000498	0.001422	0.002632	6.08E-06	8.85E-05	6.69E-05	3.61E-08	3.11E-08	123.7802	0	15.5868	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.028986	0.03486	0.041668	0.185585	0.219654	0.617935	0.007631	0.00577	1.19E-05	8.48E-06	33725.65	12088.8	4711.259	447285.6
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.097498	0.117269	0.140155	0.400255	0.741046	0.00171	0.024919	0.018828	1.02E-05	8.76E-06	34845.58	0	6179.316	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.009285	0.011167	0.013347	0.038115	0.070568	0.000163	0.002373	0.001793	9.68E-07	8.34E-07	3318.27	0	453.0246	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.011342	0.013642	0.016305	0.052223	0.086034	0.000201	0.002923	0.002208	1.27E-06	1.09E-06	4342.066	0	685.4336	0
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.06104	0.073859	0.087898	1.013002	0.488914	245.0839	0.012119	0.01115	0.002264	0.002	7951479	2811731	3992.041	3.49E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.381052	0.461074	0.548716	3.549189	3.282252	1473.226	0.077833	0.071606	0.013609	0.012024	47797202	5984667	4178.194	2.42E+09
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.083055	0.100497	0.119599	1.182263	0.780631	328.3036	0.029901	0.027509	0.003033	0.00268	10651449	2859284	6041.586	4.92E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.017371	0.021019	0.025014	0.359393	0.160274	77.19428	0.006672	0.006138	0.000713	0.00063	2504483	898411	2144.26	1.16E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.009909	0.01199	0.014269	0.198211	0.096824	44.92527	0.003266	0.003005	0.000415	0.000367	1457551	599653.1	1214.923	78891974
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.057632	0.069735	0.082991	1.168347	0.620183	200.2477	0.020966	0.019289	0.00185	0.001634	6496816	4074931	11177.92	3.27E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.03468	0.041963	0.049939	1.277698	0.562878	217.4388	0.010915	0.010042	0.002009	0.001775	7054564	3368612	11260.92	3.39E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.059389	0.071861	0.085521	0.590321	0.56519	128.061	0.02522	0.023202	0.001182	0.001045	4154797	812618.7	995.6057	2.01E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.470346	0.569118	0.677298	6.094311	2.868901	1768.932	0.107205	0.098629	0.016341	0.014438	57391057	15176647	14594.85	3.07E+09
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.310694	0.37594	0.4474	3.437167	2.536346	1151.313	0.106205	0.097709	0.010635	0.009397	37353092	4071915	8200.084	1.5E+09
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.041089	0.049717	0.059168	1.274751	0.684494	210.8426	0.011805	0.010861	0.001948	0.001721	6840555	5389207	14602.74	3.53E+08
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.003811	0.004611	0.005488	0.064168	0.044494	24.20052	0.001359	0.00125	0.000224	0.000198	785159.1	191151	670.5743	50315343
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.413558	0.500406	0.595524	9.234146	4.43153	1615.993	0.110042	0.101239	0.014928	0.01319	52429114	27933303	44045.1	2.74E+09
Statewide	2034	Construction and Mini	Aggregate	Aggregate	Diesel	0.026972	0.032636	0.03884	0.351222	0.307913	66.50494	0.011919	0.010965	0.000614	0.000543	2157679	1017115	2646.007	79970280
Statewide	2034	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016162	0.019557	0.023274	0.581038	0.345437	102.3603	0.003176	0.002922	0.000946	0.000835	3320969	3196492	9924.738	2.01E+08
Statewide	2034	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.127532	0.154314	0.183646	2.768538	1.267953	430.9783	0.037849	0.034821	0.003981	0.003518	13982618	14959557	18618.18	1.34E+09
Statewide	2034	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007697	0.009258	0.011065	0.037572	0.058319	0.000137	0.001992	0.001505	8.91E-07	7.68E-07	3055.265	0	1424.698	0
Statewide	2034	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006085	0.007318	0.008747	0.029605	0.047573	0.000111	0.00162	0.001224	7.03E-07	6.06E-07	2410.366	0	295.6728	0
Statewide	2034	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00155	0.001865	0.002229	0.008271	0.01233	2.9E-05	0.000423	0.00032	1.9E-07	1.64E-07	651.2499	0	122.0489	0
Statewide	2034	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.059949	0.072538	0.086326	0.994995	0.556966	208.1502	0.012106	0.011137	0.001923	0.001699	6753203	4219925	4739.749	3.72E+08
Statewide	2034	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.028323	0.03427	0.040785	0.468935	0.225507	122.039	0.006361	0.005852	0.001127	0.000996	3959420	1153429	1425.714	1.93E+08
Statewide	2034	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.018821	0.022431	0.027096	0.246854	0.1819	31.14127	0.001825	0.001878	0.000394	0.000261	1038649	938071.9	1341.919	34708660
Statewide	2034	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.090176	0.108118	0.129696	0.837932	0.920749	146.2441	0.016065	0.020072	0.001665	0.001216	4833801	1888536	16472.97	62321673
Statewide	2034	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000427	0.000512	0.000614	0.00419	0.00472	0.757287	8.51E-05	0.000108	8.53E-06	6.15E-06	24467.99	19031.1	491.3004	723181.8
Statewide	2034	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.051398	0.061598	0.073929	0.488334	0.504471	80.7672	0.008547	0.010571	0.000929	0.000672	2672495	985843.1	8577.681	36476195
Statewide	2034	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.095695	0.114265	0.137726	1.15419	0.959117	161.7088	0.011732	0.013174	0.001989	0.001353	5378132	3699425	9771.356	1.7E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.016632	0.020125	0.02395	0.322589	0.172746	111.2155	0.003972	0.003654	0.001028	0.000908	3608266	628748.8	1638.917	1.39E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.076942	0.0931	0.110797	0.940927	0.718822	262.9921	0.030901	0.028429	0.002429	0.002147	8532488	2477636	4930.541	5.73E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.18005	0.217861	0.259272	2.359017	1.61664	649.5031	0.06945	0.063894	0.006	0.005301	21072412	4475339	9081.986	9.49E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.222495	0.269219	0.320393	4.007683	1.660107	1170.225	0.044991	0.041391	0.010813	0.009551	37966647	12120519	17651.99	1.91E+09
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.125201	0.151493	0.18029	1.573117	0.923482	439.6204	0.03892	0.035806	0.004061	0.003588	14263001	3580595	5706.576	6.74E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.002224	0.002675	0.003197	0.009808	0.016882	3.92E-05	0.000571	0.000432	2.42E-07	2.08E-07	829.3511	0	135.4576	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.002715	0.003265	0.003902	0.015905	0.020485	4.9E-05	0.000714	0.000539	3.54E-07	3.05E-07	1212.731	0	937.72	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.001026	0.001226	0.001476	0.011929	0.010593	1.413212	0.000149	0.000121	1.83E-05	1.18E-05	46964.2	33857.4	86.05157	1117294
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.000274	0.00033	0.000394	0.001126	0.002084	4.81E-06	7.01E-05	5.3E-05	2.86E-08	2.46E-08	98.0059	0	39.6134	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.001954	0.002351	0.002809	0.008023	0.014854	3.43E-05	0.0005	0.000377	2.04E-07	1.76E-07	698.487	0	62.09	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.00584	0.007025	0.008396	0.034559	0.044062	0.000106	0.001537	0.001162	7.66E-07	6.6E-07	2626.444	0	603.3145	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.000518	0.000623	0.000745	0.002128	0.00394	9.09E-06	0.000132	0.0001	5.41E-08	4.66E-08	185.2524	0	24.67	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.00087	0.001046	0.001251	0.003572	0.006613	1.53E-05	0.000222	0.000168	9.07E-08	7.82E-08	310.9453	0	60.59704	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.001859	0.002235	0.002672	0.011726	0.013999	3.38E-05	0.000492	0.000372	2.55E-07	2.19E-07	872.9153	0	542.61	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.012832	0.015434	0.018446	0.067463	0.097073	0.000229	0.003342	0.002525	1.56E-06	1.34E-06	5339.259	0	1635.51	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.000352	0.000423	0.000506	0.001445	0.002674	6.17E-06	8.99E-05	6.8E-05	3.67E-08	3.16E-08	125.7586	0	15.83592	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.029325	0.035268	0.042156	0.187766	0.222221	0.625198	0.007718	0.005835	1.21E-05	8.57E-06	34070.42	12260.35	4766.651	453632.9
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.098472	0.11844	0.141555	0.404254	0.748451	0.001728	0.025169	0.019017	1.03E-05	8.85E-06	35193.79	0	6241.065	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.009395	0.0113	0.013505	0.038567	0.071405	0.000165	0.002401	0.001814	9.8E-07	8.44E-07	3357.607	0	458.395	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.011451	0.013773	0.016461	0.052727	0.086856	0.000203	0.002951	0.00223	1.28E-06	1.1E-06	4383.811	0	692.24	0
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.060598	0.073324	0.087262	1.022261	0.481313	247.664	0.011373	0.010463	0.002288	0.002021	8035187	2841331	4018.421	3.52E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.381761	0.46193	0.549735	3.581256	3.256491	1488.735	0.075785	0.069722	0.013753	0.012151	48300383	6047670	4205.804	2.45E+09
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.081233	0.098292	0.116976	1.189395	0.75497	331.7598	0.027558	0.025354	0.003065	0.002708	10763582	2889385	6081.509	4.98E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.01677	0.020292	0.024149	0.362581	0.155048	78.00694	0.005996	0.005516	0.000721	0.000637	2530849	907868.9	2158.43	1.18E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.009624	0.011645	0.013859	0.199579	0.093439	45.39822	0.00298	0.002741	0.000419	0.000371	1472895	605965.8	1222.951	79722502
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.056368	0.068206	0.081171	1.178637	0.616414	202.3558	0.019878	0.018288	0.001869	0.001652	6565211	4117830	11251.78	3.31E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.034341	0.041552	0.049451	1.290664	0.561582	219.7279	0.010303	0.009478	0.00203	0.001793	7128830	3404074	11335.33	3.42E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.057722	0.069844	0.08312	0.567767	0.534331	129.4091	0.023454	0.021578	0.001195	0.001056	4198536	821173.5	1002.185	2.04E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.465708	0.563507	0.67062	6.147407	2.745583	1787.554	0.098769	0.090867	0.016513	0.01459	57995236	15336417	14691.3	3.11E+09
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.306349	0.370682	0.441143	3.454761	2.436056	1163.434	0.100537	0.092494	0.010747	0.009496	37746323	4114782	8254.271	1.51E+09
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.040532	0.049044	0.058367	1.287114	0.685518	213.0622	0.010866	0.009996	0.001969	0.001739	6912568	5445941	14699.24	3.56E+08
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.003789	0.004584	0.005456	0.06468	0.043689	24.45528	0.00133	0.001224	0.000226	0.0002	793424.8	193163.3	675.0055	50845032
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.411209	0.497563	0.592142	9.320786	4.413955	1633.005	0.102908	0.094675	0.015086	0.013328	52981056	28227368	44336.15	2.77E+09
Statewide	2035	Construction and Mini	Aggregate	Aggregate	Diesel	0.026264	0.03178	0.037821	0.352777	0.304959	67.20506	0.011413	0.0105	0.000621	0.000549	2180394	1027823	2663.492	80812159
Statewide	2035	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016065	0.019439	0.023134	0.58689	0.348024	103.4379	0.003025	0.002783	0.000956	0.000844	3355930	3230143	9990.321	2.03E+08
Statewide	2035	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.125928	0.152373	0.181337	2.794603	1.255976	435.5154	0.034447	0.031691	0.004023	0.003555	14129818	15117042	18741.21	1.35E+09
Statewide	2035	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.00775	0.009321	0.01114	0.037816	0.058716	0.000138	0.002006	0.001516	8.97E-07	7.73E-07	3075.436	0	1434.105	0
Statewide	2035	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006134	0.007377	0.008817	0.029843	0.047957	0.000112	0.001633	0.001234	7.09E-07	6.11E-07	2429.762	0	298.0402	0
Statewide	2035	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001586	0.001907	0.00228	0.008461	0.012613	2.97E-05	0.000433	0.000327	1.94E-07	1.67E-07	666.1799	0	124.8506	0
Statewide	2035	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.059773	0.072325	0.086073	1.004444	0.552779	210.3415	0.011117	0.010228	0.001943	0.001717	6824297	4264349	4771.07	3.76E+08

Statewide	2035	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.02744	0.033202	0.039513	0.473732	0.209657	123.3237	0.005776	0.005313	0.001139	0.001007	4001102	1165572	1435.135	1.95E+08
Statewide	2035	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.018838	0.022451	0.02712	0.248296	0.182163	31.33948	0.001694	0.001759	0.000397	0.000263	1045251	943955.7	1350.519	34926361
Statewide	2035	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.09047	0.108473	0.130118	0.84292	0.924056	147.1582	0.015784	0.019828	0.001676	0.001223	4863934	1900409	16575.87	62713497
Statewide	2035	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000428	0.000514	0.000616	0.004214	0.004737	0.761878	8.41E-05	0.000107	8.58E-06	6.2E-06	24650.2	19115.05	494.3001	726371.9
Statewide	2035	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.051552	0.061784	0.074151	0.491237	0.506172	81.27286	0.008371	0.01042	0.000935	0.000676	2689130	991935	8631.277	36701593
Statewide	2035	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.095823	0.11442	0.13791	1.160976	0.960948	162.7195	0.01114	0.012638	0.002001	0.001361	5411645	3722657	9832.623	1.71E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.016456	0.019912	0.023697	0.32553	0.167958	112.3742	0.003793	0.00349	0.001038	0.000917	3645856	635299	1649.624	1.4E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.075064	0.090828	0.108092	0.935567	0.679937	265.7318	0.029741	0.027362	0.002455	0.002169	8621377	2503447	4962.751	5.79E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.175881	0.212817	0.253269	2.363361	1.551319	656.2694	0.064108	0.058979	0.006062	0.005356	21291939	4521962	9141.317	9.59E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.221652	0.268199	0.319179	4.045335	1.626727	1182.416	0.041782	0.038439	0.010925	0.009651	38362173	12246787	17767.31	1.93E+09
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.121998	0.147618	0.175677	1.583471	0.858286	444.2003	0.035126	0.032316	0.004103	0.003626	14411589	3617897	5743.856	6.81E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.002244	0.002699	0.003226	0.009899	0.017036	3.96E-05	0.000577	0.000436	2.44E-07	2.1E-07	837.0238	0	136.7227	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.002746	0.003303	0.003948	0.01609	0.020724	4.96E-05	0.000722	0.000546	3.58E-07	3.08E-07	1226.856	0	948.61	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.001036	0.001238	0.001491	0.012068	0.010682	1.429631	0.000146	0.000118	1.85E-05	1.2E-05	47531.63	34266.2	87.07212	1130785
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.000277	0.000333	0.000398	0.001137	0.002105	4.86E-06	7.08E-05	5.35E-05	2.89E-08	2.49E-08	98.99264	0	40.01223	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.00198	0.002382	0.002847	0.008129	0.015051	3.47E-05	0.000506	0.000382	2.06E-07	1.78E-07	707.7116	0	62.91	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.005913	0.007112	0.008499	0.034987	0.044607	0.000107	0.001556	0.001176	7.76E-07	6.68E-07	2658.948	0	610.7811	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.000525	0.000632	0.000755	0.002156	0.003991	9.21E-06	0.000134	0.000101	5.48E-08	4.72E-08	187.6553	0	24.99	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.000879	0.001057	0.001264	0.003609	0.006682	1.54E-05	0.000225	0.00017	9.17E-08	7.9E-08	314.1874	0	61.22886	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.00188	0.002262	0.002703	0.011863	0.014162	3.42E-05	0.000498	0.000376	2.58E-07	2.22E-07	883.0825	0	548.93	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.01297	0.0156	0.018645	0.068196	0.098118	0.000232	0.003378	0.002552	1.57E-06	1.36E-06	5397.123	0	1653.42	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.00036	0.000433	0.000518	0.001478	0.002737	6.32E-06	9.2E-05	6.95E-05	3.76E-08	3.23E-08	128.699	0	16.20619	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.029664	0.035676	0.042644	0.189944	0.224783	0.632462	0.007806	0.005901	1.22E-05	8.67E-06	34495.12	12395.4	4821.893	458629.8
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.099459	0.119627	0.142974	0.408305	0.755951	0.001745	0.025422	0.019208	1.04E-05	8.93E-06	35546.46	0	6303.607	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.00951	0.011438	0.01367	0.03904	0.07228	0.000167	0.002431	0.001837	9.92E-07	8.54E-07	3398.753	0	464.0124	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.011565	0.013911	0.016625	0.053257	0.087725	0.000205	0.00298	0.002252	1.29E-06	1.11E-06	4427.793	0	699.2637	0
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.06023	0.072878	0.086731	1.031815	0.470856	250.2441	0.010602	0.009754	0.002312	0.002042	8118895	2870931	4044.673	3.56E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.379736	0.459481	0.54682	3.604812	3.193418	1504.245	0.072648	0.066836	0.013896	0.012277	48803563	6110673	4233.28	2.48E+09
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.079762	0.096512	0.114858	1.199432	0.727395	335.216	0.025937	0.023862	0.003097	0.002736	10875714	2919486	6121.239	5.03E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.016393	0.019836	0.023606	0.365963	0.150651	78.81959	0.005558	0.005113	0.000728	0.000643	2557215	917326.9	2172.53	1.19E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.009533	0.011535	0.013727	0.201555	0.091241	45.87116	0.002837	0.00261	0.000424	0.000374	1488239	612278.6	1230.941	80553029
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.055461	0.067108	0.079864	1.189362	0.610378	204.4639	0.018644	0.017152	0.001889	0.001669	6633605	4160728	11325.29	3.34E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.034179	0.041356	0.049218	1.303845	0.560285	222.017	0.00972	0.008942	0.002052	0.001812	7203096	3439537	11409.38	3.46E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.055948	0.067697	0.080565	0.545708	0.504207	130.7572	0.02167	0.019937	0.001207	0.001067	4242275	829728.2	1008.732	2.06E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.46037	0.557048	0.662933	6.199466	2.609742	1806.177	0.090021	0.082819	0.016685	0.014742	58599415	15496188	14787.27	3.14E+09
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.300802	0.363971	0.433155	3.46377	2.322477	1175.554	0.096485	0.088766	0.01086	0.009595	38139554	4157649	8308.195	1.53E+09
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.04009	0.048508	0.057729	1.299675	0.685459	215.2818	0.010005	0.009205	0.001989	0.001757	6984581	5502675	14795.27	3.6E+08
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.003678	0.004451	0.005297	0.06496	0.041611	24.71005	0.001239	0.00114	0.000228	0.000202	801690.4	195175.7	679.4153	51374722
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.408964	0.494847	0.588909	9.410797	4.386252	1650.017	0.096998	0.089238	0.015243	0.013467	53532999	28521433	44625.79	2.79E+09
Statewide	2036	Construction and Mini	Aggregate	Aggregate	Diesel	0.025605	0.030982	0.036871	0.352085	0.300198	67.90518	0.010778	0.009916	0.000627	0.000554	2203109	1038530	2680.893	81654038
Statewide	2036	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016069	0.019443	0.023139	0.592825	0.350846	104.5155	0.002922	0.002688	0.000966	0.000853	3390891	3263793	10055.59	2.05E+08
Statewide	2036	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.12492	0.151153	0.179884	2.821946	1.244786	440.0525	0.031714	0.029177	0.004065	0.003592	14277019	15274527	18863.64	1.37E+09
Statewide	2036	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007857	0.00945	0.011294	0.038339	0.059526	0.00014	0.002034	0.001537	9.1E-07	7.84E-07	3117.964	0	1453.936	0
Statewide	2036	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006229	0.007492	0.008955	0.030306	0.048705	0.000114	0.001659	0.001253	7.2E-07	6.2E-07	2467.57	0	302.6493	0
Statewide	2036	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001617	0.001945	0.002324	0.008604	0.012853	3.03E-05	0.000441	0.000333	1.98E-07	1.7E-07	678.0459	0	126.8944	0
Statewide	2036	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.059427	0.071907	0.085575	1.01389	0.546223	212.5327	0.010278	0.009456	0.001963	0.001735	6895390	4308774	4802.238	3.8E+08
Statewide	2036	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027394	0.033147	0.039448	0.478451	0.206356	124.6085	0.005675	0.005221	0.001151	0.001017	4042784	1177714	1444.511	1.97E+08
Statewide	2036	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.018881	0.022503	0.027183	0.249597	0.182477	31.5357	0.001589	0.001663	0.000399	0.000265	1051731	949949	1359.109	35148113
Statewide	2036	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.090908	0.108999	0.130748	0.848058	0.927804	148.0866	0.015578	0.01966	0.001686	0.001231	4894670	1912414	16680.16	63109657
Statewide	2036	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000431	0.000517	0.000619	0.00424	0.004758	0.766719	8.35E-05	0.000107	8.63E-06	6.24E-06	24835.33	19220.9	497.4	730394.2
Statewide	2036	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.051793	0.062073	0.074496	0.494212	0.508106	81.78402	0.008238	0.010309	0.00094	0.00068	2706036	998202	8685.073	36933474
Statewide	2036	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.09618	0.114848	0.138424	1.167853	0.963376	163.7489	0.010675	0.012221	0.002014	0.00137	5445816	3746181	9895.051	1.72E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.016157	0.01955	0.023266	0.327949	0.161613	113.5328	0.003577	0.003291	0.001049	0.000927	3683446	641849.1	1660.279	1.42E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.073563	0.089011	0.105931	0.925042	0.65229	268.4716	0.028489	0.02621	0.00248	0.002191	8710266	2529259	4994.807	5.85E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.173014	0.209347	0.249141	2.368554	1.489715	663.0358	0.060945	0.05607	0.006125	0.005412	21511466	4568585	9200.363	9.69E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.220821	0.267193	0.317982	4.081347	1.590076	1194.607	0.038814	0.035709	0.011038	0.00975	38757699	12373056	17882.07	1.95E+09
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.119854	0.145023	0.17259	1.593691	0.801488	448.7801	0.033086	0.030439	0.004146	0.003663	14560177	3655199	5780.957	6.88E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.002266	0.002725	0.003257	0.009996	0.0172	4E-05	0.000582	0.00044	2.47E-07	2.12E-07	845.1609	0	138.067	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.002779	0.003342	0.003994	0.016279	0.020968	5.02E-05	0.000731	0.000552	3.62E-07	3.12E-07	1241.27	0	959.65	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.001046	0.00125	0.001505	0.012202	0.010766	1.44605	0.000143	0.000115	1.87E-05	1.21E-05	48043.83	34675	88.00354	1144275
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.00028	0.000337	0.000403	0.001151	0.002131	4.92E-06	7.17E-05	5.42E-05	2.92E-08	2.52E-08	100.2189	0	40.50787	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.002005	0.002412	0.002882	0.008231	0.01524	3.52E-05	0.000512	0.000387	2.09E-07	1.8E-07	716.5989	0	63.7	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.005985	0.007199	0.008604	0.035416	0.045156	0.000108	0.001576	0.00119	7.85E-07	6.77E-07	2691.592	0	618.2787	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.000531	0.000638	0.000763	0.002179	0.004034	9.31E-06	0.000136	0.000102	5.53E-08	4.77E-08	189.6828	0	25.26	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.00089	0.00107	0.001279	0.003652	0.006762	1.56E-05	0.000227	0.000172	9.28E-08	7.99E-08	317.9535	0	61.9628	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.001901	0.002287	0.002733	0.011994	0.01432	3.46E-05	0.000504	0.00038	2.61E-07	2.24E-07	892.8798	0	555.02	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.013115	0.015774	0.018853	0.068959	0.099212	0.000234	0.003416	0.002581	1.59E-06	1.37E-06	5457.43	0	1671.976	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.000368	0.000443	0.000529	0.001511	0.002798	6.46E-06	9.41E-05	7.11E-05	3.84E-08	3.31E-08	131.5664	0	16.56726	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.030005	0.036086	0.043133	0.192127	0.227353	0.639725	0.007894	0.005967	1.23E-05	8.78E-06	34894.61	12559.65	4877.334	464707
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.100455	0.120825	0.144406	0.412394	0.763521	0.001762	0.025676	0.0194	1.05E-05	9.02E-06	35902.43	0	6366.731	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.009625	0.011577	0.013836	0.039514	0.073158	0.000169	0.00246	0.001859	1E-06	8.65E-07	3440.029	0	469.6476	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.011686	0.014056	0.016799	0.053813	0.088642	0.000207	0.003012	0.002275	1.31E-06	1.12E-06	4474.063	0	706.5831	0
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.059968	0.072561	0.086353	1.039797	0.462925	252.8242	0.010086	0.009279	0.002336	0.002064	8202604	2900531	4070.798	3.6E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.375886	0.454822	0.541276	3.631422	3.134204	1519.754	0.067452	0.062056	0.01404	0.012404	49306743	6173676	4260.623	2.5E+09
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.078192	0.094612	0.112597	1.208069	0.704014	338.6722	0.024044	0.022121	0.003129	0.002764	10987846	2949587	6160.777	5.08E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.01594	0.019288	0.022954	0.369477	0.142868	79.63225	0.00504	0.004637	0.000736	0.00065	2583581	926784.8	2186.563	1.2E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.009494	0.011488	0.013672	0.203364	0.090351	46.34411	0.0027	0.002484	0.000428	0.000378	1503584	618591.4	1238.892	81383557
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.0545	0.065945	0.07848	1.199472	0.603652	206.572	0.01753	0.016128	0.001908	0.001686	6702000	4203626	11398.44	3.38E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.033745	0.040831	0.048593	1.316755	0.555978	224.306	0.009076	0.00835	0.002073	0.001831	7277363	3475000	11483.08	3.49E+08

Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.055136	0.066715	0.079396	0.535878	0.486882	132.1054	0.020962	0.019285	0.00122	0.001078	4286014	838283	1015.247	2.08E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.455764	0.551474	0.6563	6.242345	2.478085	1824.799	0.083138	0.076487	0.016857	0.014894	59203593	15655959	14882.79	3.17E+09
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.292134	0.353482	0.420672	3.43601	2.198949	1187.674	0.091512	0.084191	0.010972	0.009694	38532785	4200515	8361.86	1.54E+09
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.039685	0.048019	0.057147	1.31222	0.684746	217.5014	0.009017	0.008295	0.00201	0.001775	7056594	5559410	14890.83	3.64E+08
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.003546	0.004291	0.005106	0.064039	0.040136	24.96482	0.001129	0.001039	0.000231	0.000204	809956.1	197188	683.8038	51904412
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.40704	0.492519	0.586138	9.498645	4.365597	1667.03	0.091073	0.083787	0.0154	0.013606	54084941	28815498	44914.04	2.82E+09
Statewide	2037	Construction and Mini	Aggregate	Aggregate	Diesel	0.024893	0.03012	0.035846	0.351423	0.295531	68.60531	0.01014	0.009329	0.000634	0.00056	2225824	1049238	2698.209	82495918
Statewide	2037	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016126	0.019513	0.023222	0.598842	0.352787	105.5931	0.002824	0.002598	0.000976	0.000862	3425852	3297444	10120.54	2.07E+08
Statewide	2037	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.123756	0.149745	0.178209	2.848969	1.228217	444.5896	0.029163	0.02683	0.004107	0.003629	14424219	15432013	18985.48	1.38E+09
Statewide	2037	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007821	0.009407	0.011243	0.038141	0.05926	0.000139	0.002025	0.00153	9.05E-07	7.8E-07	3102.637	0	1446.791	0
Statewide	2037	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006221	0.007482	0.008942	0.030264	0.048637	0.000114	0.001656	0.001251	7.19E-07	6.19E-07	2464.113	0	302.219	0
Statewide	2037	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001607	0.001933	0.00231	0.008545	0.012774	3.01E-05	0.000438	0.000331	1.97E-07	1.69E-07	673.6094	0	126.004	0
Statewide	2037	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.059151	0.071573	0.085178	1.023737	0.540569	214.724	0.009513	0.008752	0.001983	0.001753	6966484	4353199	4833.257	3.84E+08
Statewide	2037	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027337	0.033078	0.039366	0.48198	0.20565	125.8932	0.005343	0.004915	0.001163	0.001028	4084467	1189857	1453.841	1.99E+08
Statewide	2037	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.018875	0.022496	0.027174	0.250305	0.182823	31.73944	0.001507	0.001589	0.000402	0.000266	1058551	956029.9	1367.889	35373106
Statewide	2037	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.091312	0.109486	0.13133	0.852441	0.931839	149.0354	0.015436	0.019554	0.001697	0.001239	4925861	1924641	16787.26	63513165
Statewide	2037	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000433	0.000519	0.000622	0.004264	0.004779	0.77147	8.3E-05	0.000106	8.69E-06	6.28E-06	24983.43	19341.35	500.5096	734971.3
Statewide	2037	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052001	0.062324	0.074796	0.496636	0.51017	82.30488	0.008144	0.010237	0.000946	0.000685	2723197	1004619	8740.329	37170892
Statewide	2037	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.096306	0.115	0.138605	1.172028	0.965888	164.7995	0.010316	0.011903	0.002027	0.001378	5480411	3770165	9958.308	1.73E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.016137	0.019526	0.023237	0.331187	0.160112	114.6914	0.003467	0.00319	0.00106	0.000936	3721036	648399.2	1670.884	1.43E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.072995	0.088323	0.105112	0.927307	0.633236	271.2114	0.027833	0.025607	0.002505	0.002214	8799155	2555070	5026.71	5.91E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.170496	0.2063	0.245514	2.373267	1.43484	669.8021	0.057946	0.053311	0.006188	0.005467	21730993	4615208	9259.128	9.79E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.220573	0.266893	0.317625	4.119999	1.554514	1206.798	0.03703	0.034067	0.011151	0.00985	39153226	12499324	17996.29	1.97E+09
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.117774	0.142506	0.169594	1.607671	0.748952	453.36	0.03197	0.029413	0.004188	0.0037	14708765	3692500	5817.882	6.95E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.002288	0.002752	0.003289	0.010096	0.017369	4.03E-05	0.000588	0.000444	2.49E-07	2.15E-07	853.5684	0	139.4537	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.00281	0.00338	0.004039	0.016462	0.021204	5.07E-05	0.000739	0.000558	3.66E-07	3.15E-07	1255.235	0	970.4999	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.001058	0.001264	0.001522	0.012342	0.010866	1.462467	0.000142	0.000114	1.89E-05	1.22E-05	48600.31	35050.95	88.99376	1156681
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.000284	0.000341	0.000408	0.001164	0.002155	4.97E-06	7.25E-05	5.48E-05	2.96E-08	2.55E-08	101.3264	0	40.95552	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.002026	0.002437	0.002913	0.008318	0.0154	3.55E-05	0.000518	0.000391	2.11E-07	1.82E-07	724.136	0	64.37	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.006061	0.00729	0.008713	0.035859	0.045726	0.00011	0.001595	0.001205	7.95E-07	6.85E-07	2725.39	0	626.0375	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.000537	0.000646	0.000772	0.002205	0.004082	9.42E-06	0.000137	0.000104	5.6E-08	4.82E-08	191.9356	0	25.56	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.000901	0.001084	0.001296	0.0037	0.00685	1.58E-05	0.00023	0.000174	9.4E-08	8.1E-08	322.118	0	62.77439	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.001923	0.002313	0.002764	0.012132	0.014485	3.5E-05	0.000509	0.000385	2.64E-07	2.27E-07	903.1757	0	561.42	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.013261	0.01595	0.019062	0.069727	0.100315	0.000237	0.003454	0.00261	1.61E-06	1.39E-06	5518.151	0	1690.601	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.000376	0.000452	0.000541	0.001544	0.002859	6.6E-06	9.62E-05	7.27E-05	3.92E-08	3.38E-08	134.454	0	16.93088	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.030346	0.036496	0.043623	0.194312	0.229926	0.646988	0.007982	0.006034	1.25E-05	8.88E-06	35301.45	12698.35	4932.785	469838.9
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.101452	0.122024	0.145838	0.416486	0.771097	0.00178	0.025931	0.019592	1.06E-05	9.11E-06	36258.64	0	6429.9	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.009735	0.011709	0.013994	0.039965	0.073993	0.000171	0.002488	0.00188	1.02E-06	8.75E-07	3479.324	0	475.0123	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.011812	0.014207	0.01698	0.054391	0.089597	0.000209	0.003044	0.0023	1.32E-06	1.14E-06	4522.144	0	714.0794	0
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.060154	0.072786	0.086622	1.049909	0.462148	255.4043	0.009808	0.009024	0.00236	0.002085	8286312	2930132	4096.799	3.63E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.37469	0.453375	0.539554	3.656769	3.083939	1535.263	0.063756	0.058655	0.014183	0.012531	49809924	6236679	4287.837	2.53E+09
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.077203	0.093416	0.111172	1.214678	0.685221	342.1284	0.022807	0.020982	0.003161	0.002792	11099978	2979688	6200.128	5.13E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.015611	0.01889	0.022481	0.372866	0.138174	80.4449	0.004629	0.004258	0.000743	0.000657	2609946	936242.7	2200.529	1.21E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.009419	0.011397	0.013563	0.205304	0.088613	46.81706	0.002592	0.002385	0.000433	0.000382	1518928	624904.2	1246.805	82214084
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.053582	0.064834	0.077158	1.209789	0.598054	208.6801	0.016342	0.015035	0.001928	0.001703	6770395	4246525	11471.25	3.41E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.033601	0.040657	0.048386	1.329878	0.556678	226.5951	0.008697	0.008002	0.002094	0.001849	7351629	3510462	11556.42	3.53E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.054255	0.065649	0.078128	0.521928	0.46718	133.4535	0.020314	0.018689	0.001232	0.001089	4329753	846837.8	1021.732	2.1E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.45213	0.547077	0.651067	6.296043	2.378971	1843.421	0.077974	0.071736	0.01703	0.015046	59807772	15815729	14977.85	3.2E+09
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.286806	0.347036	0.413001	3.394901	2.100355	1199.795	0.087488	0.080489	0.011084	0.009793	38926016	4243382	8415.269	1.56E+09
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.0392	0.047432	0.056448	1.324774	0.682496	219.7211	0.008172	0.007518	0.00203	0.001793	7128608	5616144	14985.94	3.67E+08
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.00354	0.004284	0.005098	0.064675	0.040128	25.21959	0.001104	0.001015	0.000233	0.000206	818221.8	199200.3	688.1714	52434102
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.405498	0.490652	0.583917	9.58756	4.342859	1684.042	0.086718	0.07978	0.015558	0.013745	54636883	29109563	45200.92	2.85E+09
Statewide	2038	Construction and Mini	Aggregate	Aggregate	Diesel	0.024519	0.029668	0.035307	0.35419	0.294243	69.30543	0.009768	0.008987	0.00064	0.000566	2248538	1059945	2715.443	83337797
Statewide	2038	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016144	0.019535	0.023248	0.604779	0.354992	106.6707	0.002699	0.002483	0.000986	0.000871	3460813	3331095	10185.18	2.09E+08
Statewide	2038	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122965	0.148788	0.17707	2.876685	1.211777	449.1267	0.027271	0.02509	0.004149	0.003666	14571420	15589498	19106.75	1.4E+09
Statewide	2038	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007929	0.009537	0.011398	0.038686	0.060076	0.000141	0.002053	0.001551	9.18E-07	7.91E-07	3146.408	0	1467.201	0
Statewide	2038	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006316	0.007597	0.009079	0.030723	0.049381	0.000115	0.001682	0.001271	7.3E-07	6.29E-07	2501.666	0	306.7672	0
Statewide	2038	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00163	0.00196	0.002343	0.008666	0.012954	3.05E-05	0.000444	0.000336	1.99E-07	1.72E-07	683.16	0	127.8019	0
Statewide	2038	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.059207	0.071641	0.085259	1.033728	0.537176	216.9153	0.009037	0.008314	0.002004	0.00177	7037578	4397624	4864.128	3.88E+08
Statewide	2038	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.0271	0.032791	0.039024	0.485958	0.198879	127.178	0.00508	0.004674	0.001175	0.001038	4126149	1202000	1463.127	2.01E+08
Statewide	2038	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.018955	0.022591	0.027289	0.251629	0.183391	31.93755	0.00145	0.001538	0.000404	0.000268	1065053	962048.8	1376.449	35595804
Statewide	2038	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.091823	0.110098	0.132064	0.857463	0.936237	149.9679	0.015358	0.01951	0.001708	0.001246	4956682	1936730	16892.24	63912095
Statewide	2038	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000436	0.000523	0.000626	0.004292	0.004805	0.776508	8.3E-05	0.000107	8.74E-06	6.31E-06	25112.78	19443.55	503.8594	738854.9
Statewide	2038	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052291	0.062672	0.075213	0.499554	0.512535	82.82537	0.008092	0.010205	0.000952	0.000689	2740394	1010864	8795.724	37401962
Statewide	2038	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.096743	0.115522	0.139233	1.178344	0.969317	165.8303	0.010076	0.011696	0.00204	0.001387	5514658	3793901	10020.59	1.75E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.016151	0.019542	0.023257	0.334404	0.159837	115.85	0.003411	0.003138	0.001071	0.000946	3758626	654949.4	1681.438	1.45E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.0721	0.087241	0.103824	0.924251	0.611578	273.9512	0.026923	0.024769	0.002531	0.002236	8888044	2580881	5058.462	5.96E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.167137	0.202236	0.240677	2.370549	1.371069	676.5685	0.055296	0.050872	0.00625	0.005522	21950519	4661831	9317.616	9.89E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.220837	0.267213	0.318005	4.156843	1.530698	1218.989	0.036096	0.033208	0.011264	0.009949	39548752	12625592	18109.97	1.99E+09
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.115662	0.139951	0.166553	1.619059	0.697215	457.9398	0.030401	0.027969	0.00423	0.003738	14857353	3729802	5854.632	7.02E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.002314	0.002784	0.003327	0.010214	0.017569	4.08E-05	0.000595	0.000449	2.52E-07	2.17E-07	863.4938	0	141.086	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.002841	0.003417	0.004084	0.016647	0.021441	5.13E-05	0.000747	0.000565	3.7E-07	3.19E-07	1269.287	0	981.4	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.00107	0.001279	0.00154	0.012484	0.010973	1.478883	0.000141	0.000113	1.92E-05	1.24E-05	49145.92	35496.25	90.03182	1171376
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.000287	0.000345	0.000413	0.001178	0.002182	5.04E-06	7.34E-05	5.54E-05	2.99E-08	2.58E-08	102.5879	0	41.4654	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.002049	0.002465	0.002946	0.008412	0.015575	3.59E-05	0.000524	0.000396	2.14E-07	1.84E-07	732.3483	0	65.1	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.006132	0.007376	0.008815	0.036283	0.046265	0.000111	0.001614	0.00122	8.05E-07	6.93E-07	2757.589	0	633.4352	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.000543	0.000653	0.000781	0.00223	0.004128	9.53E-06	0.000139	0.000105	5.66E-08	4.88E-08	194.1133	0	25.85	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.000911	0.001096	0.00131	0.003742	0.006927	1.6E-05	0.000233	0.000176	9.5E-08	8.19E-08	325.7371	0	63.47968	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.001945	0.002339	0.002796	0.01227	0.014649	3.54E-05	0.000515	0.000389	2.67E-07	2.3E-07	913.4394	0	567.8	0

Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.013408	0.016127	0.019274	0.070504	0.101431	0.00024	0.003492	0.002639	1.63E-06	1.4E-06	5579.605	0	1709.458	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.000383	0.000461	0.000551	0.001573	0.002912	6.72E-06	9.79E-05	7.4E-05	4E-08	3.44E-08	136.9437	0	17.24439	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.030687	0.036906	0.044114	0.196497	0.232502	0.654251	0.008071	0.006101	1.26E-05	8.98E-06	35693.7	12844.35	4988.235	475241
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.102441	0.123214	0.147261	0.420549	0.778619	0.001797	0.026184	0.019783	1.07E-05	9.2E-06	36612.36	0	6492.626	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.009849	0.011846	0.014158	0.040432	0.074858	0.000173	0.002517	0.001902	1.03E-06	8.85E-07	3519.991	0	480.5644	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.011945	0.014367	0.017171	0.054999	0.090603	0.000211	0.003078	0.002326	1.33E-06	1.15E-06	4572.782	0	721.9445	0
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.060495	0.073199	0.087112	1.060065	0.462779	257.9844	0.009633	0.008862	0.002383	0.002106	8370021	2959732	4122.678	3.67E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.373452	0.451877	0.537772	3.678582	3.042571	1550.772	0.060926	0.056052	0.014326	0.012657	50313104	6299682	4314.922	2.55E+09
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.076444	0.092497	0.110079	1.221187	0.667467	345.5845	0.021791	0.020048	0.003193	0.002821	11212110	3009789	6239.293	5.18E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.015538	0.018801	0.022374	0.376385	0.135282	81.25756	0.004451	0.004095	0.000751	0.000663	2636312	945700.7	2214.429	1.22E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.00937	0.011337	0.013492	0.207203	0.087117	47.29	0.002531	0.002329	0.000437	0.000386	1534272	631217	1254.68	83044612
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.052638	0.063692	0.075799	1.219624	0.590167	210.7881	0.015644	0.014393	0.001947	0.00172	6838789	4289423	11543.71	3.45E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.033571	0.040621	0.048342	1.343147	0.555636	228.8842	0.00844	0.007765	0.002115	0.001868	7425895	3545925	11629.42	3.56E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.053634	0.064897	0.077233	0.519098	0.455351	134.8017	0.019743	0.018163	0.001245	0.0011	4373493	855392.5	1028.186	2.12E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.44846	0.542636	0.645782	6.346361	2.268979	1862.043	0.074064	0.068139	0.017202	0.015198	60411951	15975500	15072.46	3.24E+09
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.281639	0.340784	0.405561	3.298368	2.006254	1211.915	0.083042	0.076399	0.011196	0.009891	39319247	4286249	8468.426	1.57E+09
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.038948	0.047127	0.056085	1.33754	0.682382	221.9407	0.007638	0.007027	0.002051	0.001811	7200621	5672879	15080.61	3.71E+08
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.003494	0.004227	0.005031	0.064273	0.039362	25.47436	0.001043	0.000959	0.000235	0.000208	826487.5	201212.6	692.5184	52963791
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.404941	0.489979	0.583115	9.674422	4.324138	1701.054	0.082978	0.076339	0.015715	0.013884	55188826	29403628	45486.44	2.88E+09
Statewide	2039	Construction and Mini	Aggregate	Aggregate	Diesel	0.024107	0.02917	0.034714	0.356526	0.28987	70.00556	0.009388	0.008637	0.000647	0.000571	2271253	1070653	2732.596	84179676
Statewide	2039	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016227	0.019635	0.023367	0.61079	0.357969	107.7483	0.002638	0.002427	0.000996	0.000879	3495774	3364746	10249.52	2.12E+08
Statewide	2039	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122371	0.148069	0.176215	2.904041	1.199343	453.6637	0.02585	0.023782	0.004191	0.003703	14718621	15746983	19227.44	1.41E+09
Statewide	2039	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007967	0.009582	0.011452	0.038876	0.060359	0.000142	0.002062	0.001558	9.23E-07	7.95E-07	3161.622	0	1474.294	0
Statewide	2039	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006361	0.007651	0.009145	0.030934	0.049734	0.000116	0.001694	0.00128	7.35E-07	6.33E-07	2519.154	0	308.7658	0
Statewide	2039	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00164	0.001972	0.002357	0.00872	0.013032	3.07E-05	0.000447	0.000338	2.01E-07	1.73E-07	687.3432	0	128.594	0
Statewide	2039	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.059352	0.071816	0.085467	1.042033	0.53627	219.1066	0.00877	0.008068	0.002024	0.001788	7108671	4442049	4894.854	3.92E+08
Statewide	2039	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027153	0.032855	0.0391	0.489005	0.197114	128.4627	0.004909	0.004516	0.001187	0.001048	4167832	1214142	1472.369	2.03E+08
Statewide	2039	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019095	0.022758	0.02749	0.253383	0.184132	32.13154	0.001413	0.001506	0.000407	0.00027	1071570	967943.5	1384.538	35813910
Statewide	2039	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092402	0.110793	0.132897	0.862913	0.940845	150.875	0.015329	0.019513	0.001718	0.001254	4986649	1948472	16994.34	64299583
Statewide	2039	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000438	0.000526	0.000631	0.004319	0.004831	0.781509	8.31E-05	0.000107	8.8E-06	6.35E-06	25265.18	19582.25	507.2892	744125.5
Statewide	2039	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052625	0.063072	0.075694	0.502762	0.515006	83.32652	0.008069	0.0102	0.000958	0.000693	2756943	1017010	8848.94	37629387
Statewide	2039	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.097404	0.116311	0.140185	1.186203	0.973404	166.8351	0.009925	0.011572	0.002052	0.001396	5548161	3816798	10081.12	1.76E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.016141	0.019531	0.023243	0.337641	0.158645	117.0086	0.003348	0.00308	0.001081	0.000955	3796216	661499.5	1691.943	1.46E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.071437	0.086439	0.102869	0.928495	0.598641	276.691	0.026362	0.024253	0.002556	0.002258	8976933	2606693	5090.067	6.02E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.164913	0.199545	0.237475	2.36321	1.320837	683.3348	0.053074	0.048828	0.006313	0.005577	22170046	4708454	9375.831	9.99E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.221362	0.267848	0.318762	4.196261	1.513565	1231.18	0.035463	0.032626	0.011376	0.010049	39944278	12751861	18223.11	2.01E+09
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.114919	0.139052	0.165483	1.632124	0.673356	462.5197	0.029796	0.027412	0.004273	0.003775	15005941	3767104	5891.211	7.09E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.002343	0.002818	0.003368	0.010343	0.017787	4.13E-05	0.000602	0.000455	2.55E-07	2.2E-07	874.3098	0	142.8648	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.002872	0.003455	0.004129	0.016829	0.021675	5.18E-05	0.000755	0.000571	3.74E-07	3.23E-07	1283.153	0	992.13	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.001082	0.001293	0.001557	0.012622	0.011077	1.495301	0.000141	0.000113	1.94E-05	1.25E-05	49669.3	35875.85	91.0914	1183903
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001191	0.002205	5.09E-06	7.42E-05	5.6E-05	3.03E-08	2.61E-08	103.6976	0	41.91393	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.00207	0.00249	0.002976	0.008499	0.015735	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	739.8855	0	65.77	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.006204	0.007463	0.008919	0.036711	0.046809	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2790.033	0	640.8889	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.000549	0.00066	0.000789	0.002253	0.004171	9.63E-06	0.00014	0.000106	5.72E-08	4.93E-08	196.1407	0	26.12	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.000922	0.001109	0.001325	0.003784	0.007005	1.62E-05	0.000236	0.000178	9.61E-08	8.28E-08	329.4134	0	64.1961	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5422	0	574.08	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.013555	0.016303	0.019485	0.071274	0.102539	0.000242	0.00353	0.002667	1.65E-06	1.42E-06	5640.569	0	1728.125	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.000389	0.000468	0.00056	0.001598	0.002959	6.83E-06	9.95E-05	7.52E-05	4.06E-08	3.5E-08	139.1553	0	17.52288	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.031027	0.037316	0.044603	0.198678	0.235073	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.4	13004.95	5043.478	481183.1
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.103422	0.124394	0.14867	0.424573	0.78607	0.001814	0.026435	0.019973	1.08E-05	9.29E-06	36962.74	0	6554.761	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.009965	0.011985	0.014324	0.040907	0.075737	0.000175	0.002547	0.001924	1.04E-06	8.95E-07	3561.332	0	486.2084	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.012079	0.014528	0.017364	0.055611	0.09162	0.000214	0.003113	0.002352	1.35E-06	1.16E-06	4623.866	0	729.8216	0
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.060721	0.073472	0.087438	1.067148	0.461495	260.5645	0.009479	0.008721	0.002407	0.002127	8453729	2989332	4148.436	3.71E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.373524	0.451964	0.537875	3.711248	3.006493	1566.282	0.060228	0.055409	0.01447	0.012784	50816284	6362685	4341.881	2.58E+09
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.075745	0.091652	0.109073	1.230726	0.651549	349.0407	0.020973	0.019295	0.003225	0.002849	11324242	3039889	6278.274	5.24E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.015459	0.018706	0.022262	0.379942	0.131951	82.07021	0.004342	0.003994	0.000758	0.00067	2662678	955158.6	2228.265	1.24E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.009382	0.011352	0.01351	0.209237	0.086547	47.76295	0.002442	0.002247	0.000441	0.00039	1549616	637529.8	1262.519	83875139
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.052239	0.063209	0.075224	1.23039	0.585919	212.8962	0.015223	0.014006	0.001967	0.001738	6907184	4332322	11615.83	3.48E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.033734	0.040819	0.048577	1.356488	0.557966	231.1732	0.008249	0.007589	0.002136	0.001887	7500161	3581388	11702.08	3.6E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.05235	0.063344	0.075384	0.499222	0.43581	136.1498	0.018598	0.01711	0.001257	0.001111	4417232	863947.3	1034.61	2.14E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.446739	0.540554	0.643304	6.398057	2.189604	1880.666	0.071627	0.065896	0.017374	0.01535	61016129	16135271	15166.63	3.27E+09
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.279838	0.338604	0.402967	3.28059	1.950351	1224.035	0.080896	0.074424	0.011308	0.00999	39712478	4329116	8521.335	1.59E+09
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.038785	0.04693	0.05585	1.350403	0.68279	224.1603	0.007283	0.006701	0.002071	0.00183	7272634	5729613	15174.83	3.75E+08
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.003507	0.004243	0.00505	0.064912	0.038473	25.72913	0.001034	0.000951	0.000238	0.00021	834753.2	203225	696.8451	53493481
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.405179	0.490267	0.583458	9.767665	4.316721	1718.066	0.081067	0.074581	0.015872	0.014023	55740768	29697694	45770.63	2.91E+09
Statewide	2040	Construction and Mini	Aggregate	Aggregate	Diesel	0.023797	0.028795	0.034268	0.359007	0.286467	70.70568	0.009042	0.008318	0.000653	0.000577	2293968	1081360	2749.669	85021555
Statewide	2040	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016353	0.019787	0.023549	0.616874	0.360916	108.8259	0.002632	0.002421	0.001006	0.000888	3530736	3398396	10313.55	2.14E+08
Statewide	2040	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122335	0.148025	0.176162	2.93208	1.194453	458.2008	0.024992	0.022992	0.004233	0.00374	14865821	15904468	19347.57	1.42E+09
Statewide	2040	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007996	0.009618	0.011494	0.039025	0.060583	0.000142	0.00207	0.001564	9.26E-07	7.98E-07	3173.588	0	1479.874	0
Statewide	2040	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006402	0.0077	0.009203	0.031126	0.050049	0.000117	0.001704	0.001288	7.4E-07	6.37E-07	2534.943	0	310.632	0
Statewide	2040	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001653	0.001988	0.002376	0.008789	0.013138	3.09E-05	0.000451	0.00034	2.02E-07	1.74E-07	692.8684	0	129.6162	0
Statewide	2040	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.05922	0.071656	0.085277	1.05159	0.532694	221.2979	0.008468	0.007791	0.002044	0.001806	7179765	4486474	4925.436	3.96E+08
Statewide	2040	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027192	0.032902	0.039156	0.493462	0.195795	129.7475	0.004777	0.004395	0.001199	0.001059	4209514	1226285	1481.569	2.05E+08
Statewide	2040	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019248	0.022941	0.027711	0.255194	0.184952	32.31584	0.001391	0.001487	0.000409	0.000271	1077766	973393	1392.638	36015539
Statewide	2040	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092977	0.111482	0.133725	0.868239	0.945462	151.7344	0.015337	0.019551	0.001728	0.001261	5015107	1959583	17091.1	64666232
Statewide	2040	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004854	0.785798	8.32E-05	0.000107	8.85E-06	6.38E-06	25376.21	19658.9	509.9087	747038.2
Statewide	2040	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052959	0.063472	0.076174	0.505909	0.517497	83.80092	0.008067	0.010214	0.000964	0.000697	2772723	1022818	8899.206	37844251
Statewide	2040	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141174	1.194069	0.97774	167.7854	0.00984	0.011507	0.002064	0.001403	5579766	3838687	10138.74	1.77E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.016157	0.01955	0.023266	0.340557	0.157281	118.1672	0.003245	0.002985	0.001092	0.000964	3833806	668049.6	1702.4	1.48E+08

Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.070908	0.085798	0.102107	0.927272	0.585173	279.4307	0.025557	0.023513	0.002581	0.002281	9065823	2632504	5121.525	6.08E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.164298	0.198801	0.236589	2.37314	1.293945	690.1012	0.051877	0.047727	0.006375	0.005633	22389573	4755077	9433.776	1.01E+09
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.22206	0.268693	0.319767	4.235598	1.503663	1243.371	0.03458	0.031814	0.011489	0.010148	40339804	12878129	18335.74	2.03E+09
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.114528	0.138579	0.16492	1.64624	0.649704	467.0995	0.028312	0.026047	0.004315	0.003812	15154529	3804405	5927.62	7.16E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.002345	0.00282	0.003371	0.010348	0.017801	4.13E-05	0.000602	0.000455	2.55E-07	2.2E-07	874.8487	0	142.9365	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.002872	0.003455	0.004129	0.016828	0.021674	5.18E-05	0.000755	0.000571	3.74E-07	3.22E-07	1283.099	0	992.06	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.001076	0.001286	0.001549	0.012598	0.011033	1.495301	0.00014	0.000112	1.94E-05	1.25E-05	49667.22	35875.85	90.65707	1183903
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.00119	0.002203	5.08E-06	7.41E-05	5.6E-05	3.02E-08	2.6E-08	103.5788	0	41.86592	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.00249	0.002976	0.0085	0.015737	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	739.998	0	65.78	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.006205	0.007463	0.008919	0.036709	0.046811	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2790.009	0	640.8805	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.00055	0.000661	0.00079	0.002257	0.004179	9.65E-06	0.000141	0.000106	5.73E-08	4.94E-08	196.5162	0	26.17	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.000919	0.001105	0.001321	0.003773	0.006986	1.61E-05	0.000235	0.000177	9.58E-08	8.26E-08	328.4894	0	64.01604	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.51	0	574.06	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.013505	0.016243	0.019413	0.070992	0.102162	0.000241	0.003517	0.002658	1.64E-06	1.41E-06	5618.799	0	1720.933	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.000387	0.000465	0.000556	0.001589	0.002941	6.79E-06	9.89E-05	7.47E-05	4.04E-08	3.48E-08	138.3096	0	17.41638	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044603	0.198679	0.235074	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.49	13004.95	5043.51	481183.1
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.103054	0.123951	0.148141	0.423062	0.783272	0.001808	0.02634	0.019902	1.07E-05	9.26E-06	36831.15	0	6531.426	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.009962	0.011982	0.01432	0.040895	0.075715	0.000175	0.002546	0.001924	1.04E-06	8.95E-07	3560.295	0	486.0668	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.011589	0.013939	0.01666	0.053223	0.08791	0.000205	0.002986	0.002256	1.29E-06	1.11E-06	4429.595	0	693.6566	0
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.061155	0.073998	0.088063	1.077553	0.463575	263.1446	0.00944	0.008685	0.002431	0.002148	8537438	3018932	4174.074	3.74E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.374682	0.453365	0.539542	3.743941	2.993132	1581.791	0.059496	0.054736	0.014613	0.01291	51319465	6425688	4368.715	2.6E+09
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.075231	0.091029	0.108332	1.23754	0.639818	352.4969	0.020097	0.018489	0.003257	0.002877	11436374	3069990	6317.076	5.29E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.015439	0.018682	0.022233	0.383623	0.129115	82.88287	0.004252	0.003912	0.000766	0.000676	2689043	964616.5	2242.036	1.25E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.009397	0.011371	0.013532	0.211266	0.086309	48.23589	0.002363	0.002174	0.000446	0.000394	1564960	643842.6	1270.322	84705667
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.051919	0.062822	0.074763	1.240921	0.583751	215.0043	0.014798	0.013614	0.001986	0.001755	6975578	4375220	11687.62	3.51E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.033861	0.040971	0.048759	1.369824	0.558743	233.4623	0.007839	0.007212	0.002157	0.001905	7574428	3616851	11774.4	3.63E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.050895	0.061582	0.073288	0.489419	0.416531	137.498	0.017032	0.01567	0.00127	0.001122	4460971	872502.1	1041.004	2.16E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.446937	0.540794	0.643589	6.45248	2.135739	1899.288	0.069275	0.063733	0.017546	0.015502	61620308	16295041	15260.36	3.3E+09
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.278342	0.336794	0.400813	3.25425	1.912166	1236.156	0.078577	0.072291	0.011421	0.010089	40105709	4371982	8573.999	1.61E+09
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.038885	0.047051	0.055994	1.36348	0.686061	226.3799	0.007035	0.006472	0.002092	0.001848	7344647	5786347	15268.61	3.78E+08
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.003506	0.004243	0.005049	0.065554	0.037664	25.9839	0.00099	0.000911	0.00024	0.000212	843018.9	205237.3	701.1518	54023171
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.406364	0.491701	0.585165	9.857434	4.323713	1735.078	0.079274	0.072932	0.016029	0.014161	56292710	29991759	46053.5	2.94E+09
Statewide	2041	Construction and Mini	Aggregate	Aggregate	Diesel	0.023504	0.02844	0.033845	0.36109	0.284309	71.4058	0.008687	0.007992	0.000659	0.000583	2316683	1092068	2766.663	85863434
Statewide	2041	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016459	0.019915	0.0237	0.622938	0.36382	109.9035	0.002525	0.002323	0.001016	0.000897	3565697	3432047	10377.3	2.16E+08
Statewide	2041	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122496	0.14822	0.176395	2.960283	1.192061	462.7379	0.024136	0.022205	0.004275	0.003777	15013022	16061954	19467.14	1.44E+09
Statewide	2041	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007951	0.009563	0.011429	0.038806	0.060239	0.000141	0.002058	0.001555	9.21E-07	7.93E-07	3155.674	0	1471.52	0
Statewide	2041	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006365	0.007656	0.00915	0.030948	0.049763	0.000116	0.001695	0.00128	7.35E-07	6.33E-07	2520.422	0	308.8477	0
Statewide	2041	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001627	0.001957	0.002339	0.008643	0.012932	3.04E-05	0.000443	0.000335	1.99E-07	1.71E-07	681.6238	0	127.428	0
Statewide	2041	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.05953	0.072031	0.085723	1.061642	0.534346	223.4891	0.008271	0.00761	0.002064	0.001824	7250859	4530899	4955.877	4E+08
Statewide	2041	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027301	0.033034	0.039314	0.498051	0.195223	131.0322	0.004795	0.004412	0.001211	0.001069	4251196	1238427	1490.725	2.07E+08
Statewide	2041	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.01925	0.022942	0.027713	0.255199	0.184961	32.31697	0.001392	0.001487	0.000409	0.000271	1077803	973393	1392.738	36015539
Statewide	2041	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092977	0.111482	0.133725	0.86824	0.945461	151.7343	0.015338	0.019551	0.001728	0.001261	5015104	1959583	17091.15	64666232
Statewide	2041	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004854	0.785795	8.32E-05	0.000107	8.85E-06	6.38E-06	25376.1	19658.9	509.919	747038.2
Statewide	2041	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052959	0.063472	0.076174	0.505912	0.5175	83.80132	0.008067	0.010215	0.000964	0.000697	2772736	1022818	8899.336	37844251
Statewide	2041	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141174	1.194068	0.977742	167.7856	0.00984	0.011508	0.002064	0.001403	5579772	3838687	10138.66	1.77E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.016215	0.019621	0.02335	0.343847	0.156926	119.3258	0.003201	0.002945	0.001103	0.000974	3871395	674599.8	1712.809	1.49E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.070594	0.085419	0.101656	0.93243	0.573451	282.1705	0.024945	0.02295	0.002607	0.002303	9154712	2658315	5152.838	6.14E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.163641	0.198005	0.235643	2.386901	1.268391	696.8675	0.050113	0.046104	0.006438	0.005688	22609099	4801699	9491.455	1.02E+09
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.223109	0.269962	0.321277	4.273732	1.500398	1255.562	0.033994	0.031274	0.011602	0.010248	40735331	13004397	18447.85	2.05E+09
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.113974	0.137908	0.164122	1.659673	0.627499	471.6794	0.027157	0.024984	0.004357	0.00385	15303117	3841707	5963.862	7.23E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.002346	0.002822	0.003373	0.01035	0.017812	4.14E-05	0.000603	0.000455	2.55E-07	2.2E-07	875.1546	0	142.9533	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.002872	0.003454	0.004129	0.016827	0.021673	5.18E-05	0.000755	0.000571	3.74E-07	3.22E-07	1283.043	0	992.06	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.00107	0.001279	0.00154	0.012575	0.01099	1.495301	0.000138	0.000111	1.94E-05	1.25E-05	49665.2	35875.85	90.23331	1183903
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000418	0.001192	0.002207	5.1E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.8004	0	41.95551	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008501	0.01574	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.1105	0	65.79	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.006203	0.007461	0.008917	0.036702	0.0468	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2789.422	0	640.7463	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.00055	0.000661	0.00079	0.002257	0.004179	9.65E-06	0.000141	0.000106	5.73E-08	4.94E-08	196.5162	0	26.17	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.000915	0.001101	0.001316	0.003758	0.006957	1.61E-05	0.000234	0.000177	9.55E-08	8.22E-08	327.1294	0	63.75101	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.001967	0.002365	0.002827	0.012408	0.014813	3.58E-05	0.000521	0.000394	2.7E-07	2.32E-07	923.6549	0	574.15	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.013454	0.016182	0.019341	0.070709	0.10178	0.000241	0.003504	0.002648	1.63E-06	1.41E-06	5596.867	0	1713.756	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.000383	0.000461	0.000551	0.001573	0.002912	6.72E-06	9.79E-05	7.4E-05	3.99E-08	3.44E-08	136.9064	0	17.2397	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.031027	0.037315	0.044603	0.198676	0.235071	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.28	13004.95	5043.435	481183.1
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.102713	0.123542	0.147652	0.421665	0.780686	0.001802	0.026254	0.019836	1.07E-05	9.23E-06	36709.56	0	6509.864	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.009955	0.011974	0.014311	0.040868	0.075664	0.000175	0.002545	0.001923	1.04E-06	8.94E-07	3557.908	0	485.741	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.011098	0.013348	0.015953	0.050857	0.084185	0.000196	0.002859	0.00216	1.24E-06	1.06E-06	4236.196	0	658.858	0
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.061481	0.074392	0.088532	1.087366	0.464786	265.7247	0.009276	0.008534	0.002455	0.002169	8621146	3048532	4199.595	3.78E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.37625	0.455262	0.5418	3.774574	2.98665	1597.3	0.058663	0.05397	0.014757	0.013037	51822645	6488691	4395.426	2.63E+09
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.075352	0.091176	0.108507	1.249182	0.63591	355.9531	0.019765	0.018184	0.003289	0.002905	11548506	3100091	6355.699	5.34E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.015494	0.018747	0.022311	0.387345	0.128872	83.69552	0.003997	0.003678	0.000773	0.000683	2715409	974074.5	2255.744	1.26E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.009376	0.011345	0.013502	0.213037	0.085727	48.70884	0.002272	0.00209	0.00045	0.000398	1580305	650155.4	1278.089	85536194
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.051815	0.062696	0.074613	1.250591	0.582238	217.1124	0.014337	0.01319	0.002006	0.001772	7043973	4418119	11759.08	3.55E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.034063	0.041216	0.049051	1.383202	0.560832	235.7514	0.007741	0.007122	0.002179	0.001924	7648694	3652313	11846.39	3.67E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.050606	0.061233	0.072872	0.48296	0.407737	138.8461	0.016539	0.015216	0.001282	0.001133	4504710	881056.8	1047.369	2.18E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.447502	0.541478	0.644403	6.506615	2.095336	1917.91	0.066708	0.061371	0.017719	0.015654	62224487	16454812	15353.67	3.33E+09
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.276691	0.334796	0.398435	3.185865	1.861968	1248.276	0.075652	0.0696	0.011533	0.010188	40498940	4414849	8626.422	1.62E+09
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.038943	0.047121	0.056078	1.376548	0.688985	228.5996	0.006713	0.006176	0.002112	0.001866	7416661	5843082	15361.97	3.82E+08
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.00352	0.004259	0.005069	0.066194	0.037408	26.23866	0.000992	0.000913	0.000242	0.000214	851284.6	207249.6	705.4388	54552861
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.407777	0.49341	0.587198	9.94983	4.334346	1752.091	0.077569	0.071364	0.016187	0.0143	56844652	30285824	46335.08	2.97E+09
Statewide	2042	Construction and Mini	Aggregate	Aggregate	Diesel	0.023052	0.027893	0.033195	0.357069	0.278817	72.10593	0.008149	0.007497	0.000666	0.000589	2339397	1102776	2783.578	86705314

Statewide	2042	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016554	0.02003	0.023837	0.628865	0.366533	110.981	0.002458	0.002262	0.001026	0.000906	3600658	3465698	10440.74	2.18E+08
Statewide	2042	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122617	0.148367	0.176569	2.986149	1.19034	467.275	0.023179	0.021324	0.004317	0.003814	15160223	16219439	19586.17	1.45E+09
Statewide	2042	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007923	0.00953	0.01139	0.038675	0.060031	0.000141	0.002051	0.00155	9.18E-07	7.9E-07	3144.967	0	1466.527	0
Statewide	2042	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006337	0.007622	0.009109	0.03081	0.04954	0.000116	0.001687	0.001275	7.32E-07	6.31E-07	2509.158	0	307.4786	0
Statewide	2042	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001602	0.001927	0.002303	0.008501	0.01273	3E-05	0.000436	0.00033	1.96E-07	1.69E-07	670.6391	0	125.3069	0
Statewide	2042	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.059757	0.072306	0.08605	1.071552	0.537878	225.6804	0.008119	0.00747	0.002085	0.001842	7321953	4575323	4986.177	4.04E+08
Statewide	2042	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027322	0.03306	0.039344	0.502409	0.19328	132.317	0.004584	0.004217	0.001223	0.00108	4292879	1250570	1499.84	2.09E+08
Statewide	2042	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019248	0.02294	0.02771	0.25519	0.184947	32.3152	0.001391	0.001486	0.000409	0.000271	1077745	973393	1392.578	36015539
Statewide	2042	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092976	0.111481	0.133723	0.868233	0.945454	151.7334	0.015338	0.019551	0.001728	0.001261	5015072	1959583	17090.93	64666232
Statewide	2042	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004853	0.785637	8.32E-05	0.000107	8.85E-06	6.38E-06	25370.94	19658.9	509.7888	747038.2
Statewide	2042	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052961	0.063474	0.076176	0.505918	0.51751	83.8027	0.008067	0.010215	0.000964	0.000697	2772781	1022818	8899.446	37844251
Statewide	2042	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098095	0.117136	0.141179	1.194086	0.977769	167.7893	0.009841	0.011509	0.002064	0.001403	5579892	3838687	10139.15	1.77E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.016278	0.019696	0.02344	0.347143	0.157024	120.4845	0.003132	0.002882	0.001113	0.000983	3908985	681149.9	1723.17	1.51E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.069891	0.084568	0.100642	0.929041	0.560507	284.9103	0.02387	0.021961	0.002632	0.002325	9243601	2684127	5184.01	6.2E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.162727	0.196899	0.234327	2.395382	1.244424	703.6339	0.047813	0.043988	0.006501	0.005743	22828626	4848322	9548.873	1.03E+09
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.224228	0.271315	0.322888	4.314244	1.499734	1267.753	0.033098	0.03045	0.011714	0.010347	41130857	13130665	18559.44	2.07E+09
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.113522	0.137362	0.163472	1.672605	0.61128	476.2592	0.025522	0.02348	0.0044	0.003887	15451705	3879009	5999.94	7.3E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.002348	0.002824	0.003375	0.010352	0.017822	4.14E-05	0.000603	0.000456	2.55E-07	2.2E-07	875.46	0	142.9765	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021682	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.515	0	992.2699	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.001065	0.001272	0.001533	0.012553	0.01095	1.495301	0.000137	0.00011	1.94E-05	1.25E-05	49663.31	35875.85	89.83819	1183903
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000418	0.001192	0.002208	5.1E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.803	0	41.95657	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.002492	0.002978	0.008504	0.015744	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.3355	0	65.81	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.006202	0.00746	0.008916	0.036694	0.046792	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2788.858	0	640.6158	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.002258	0.004181	9.65E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.5913	0	26.18	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.000911	0.001096	0.00131	0.00374	0.006924	1.6E-05	0.000233	0.000176	9.5E-08	8.18E-08	325.5913	0	63.45126	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.001967	0.002365	0.002827	0.012407	0.014812	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.6066	0	574.12	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.013408	0.016126	0.019274	0.070445	0.101429	0.00024	0.003492	0.002638	1.63E-06	1.4E-06	5576.518	0	1707.001	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.000378	0.000455	0.000544	0.001553	0.002875	6.64E-06	9.67E-05	7.3E-05	3.94E-08	3.4E-08	135.1795	0	17.02223	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.031027	0.037316	0.044603	0.198678	0.235073	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.39	13004.95	5043.476	481183.1
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.102402	0.123167	0.147205	0.420388	0.778322	0.001797	0.026174	0.019776	1.07E-05	9.2E-06	36598.38	0	6490.148	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.009952	0.01197	0.014306	0.040855	0.07564	0.000175	0.002544	0.001922	1.04E-06	8.94E-07	3556.74	0	485.5815	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.010783	0.01297	0.015501	0.049511	0.081798	0.000191	0.002778	0.002099	1.2E-06	1.04E-06	4121.032	0	644.8382	0
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.061629	0.074571	0.088745	1.096743	0.466187	268.3048	0.008961	0.008244	0.002479	0.00219	8704854	3078133	4225	3.82E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.377851	0.4572	0.544106	3.806891	2.972062	1612.809	0.057158	0.052586	0.0149	0.013164	52325825	6551694	4422.016	2.65E+09
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.07506	0.090823	0.108087	1.256275	0.6291	359.4093	0.019021	0.017499	0.003321	0.002933	11660638	3130192	6394.148	5.39E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.015441	0.018684	0.022235	0.390975	0.127919	84.50818	0.003786	0.003483	0.000781	0.00069	2741775	983532.4	2269.39	1.27E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.009354	0.011318	0.01347	0.215056	0.085488	49.18179	0.002175	0.002001	0.000454	0.000401	1595649	656468.1	1285.821	86366722
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.051444	0.062247	0.074079	1.261558	0.580247	219.2205	0.013601	0.012513	0.002025	0.001789	7112368	4461017	11830.21	3.58E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.034005	0.041146	0.048967	1.396229	0.562277	238.0404	0.00733	0.006744	0.0022	0.001943	7722960	3687776	11918.06	3.71E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.04988	0.060355	0.071827	0.477952	0.400014	140.1943	0.015757	0.014496	0.001295	0.001144	4548449	889611.6	1053.705	2.21E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.449383	0.543754	0.647112	6.566079	2.074506	1936.533	0.065025	0.059823	0.017891	0.015806	62828665	16614582	15446.55	3.36E+09
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.276687	0.334792	0.39843	3.182621	1.832589	1260.396	0.073658	0.067765	0.011645	0.010287	40892171	4457716	8678.607	1.64E+09
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.039011	0.047203	0.056176	1.389554	0.692813	230.8192	0.006398	0.005886	0.002133	0.001884	7488674	5899816	15454.9	3.86E+08
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.00351	0.004248	0.005055	0.066825	0.036998	26.49343	0.000975	0.000897	0.000245	0.000216	859550.2	209261.9	709.7062	55082551
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.408517	0.494305	0.588264	10.04093	4.345929	1769.103	0.074969	0.068972	0.016344	0.014439	57396595	30579889	46615.38	3E+09
Statewide	2043	Construction and Mini	Aggregate	Aggregate	Diesel	0.022887	0.027693	0.032957	0.359866	0.275702	72.80605	0.007812	0.007187	0.000672	0.000594	2362112	1113483	2800.417	87547193
Statewide	2043	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016644	0.020139	0.023967	0.634885	0.369428	112.0586	0.002364	0.002175	0.001036	0.000915	3635619	3499349	10503.9	2.2E+08
Statewide	2043	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122791	0.148578	0.17682	3.013711	1.190397	471.8121	0.022024	0.020262	0.004358	0.003851	15307423	16376924	19704.65	1.47E+09
Statewide	2043	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007906	0.009509	0.011364	0.038591	0.059897	0.00014	0.002047	0.001546	9.16E-07	7.89E-07	3138.067	0	1463.309	0
Statewide	2043	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006321	0.007602	0.009086	0.030745	0.049417	0.000116	0.001683	0.001271	7.3E-07	6.29E-07	2503.465	0	306.977	0
Statewide	2043	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001584	0.001906	0.002278	0.008419	0.012592	2.96E-05	0.000432	0.000326	1.94E-07	1.67E-07	663.8194	0	124.1333	0
Statewide	2043	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.060025	0.07263	0.086436	1.081524	0.540262	227.8717	0.007903	0.007271	0.002105	0.00186	7393046	4619748	5016.341	4.07E+08
Statewide	2043	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.02746	0.033226	0.039542	0.504764	0.192686	133.6017	0.004497	0.004137	0.001234	0.00109	4334561	1262713	1508.913	2.12E+08
Statewide	2043	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019248	0.022941	0.027711	0.255193	0.184952	32.31584	0.001391	0.001487	0.000409	0.000271	1077766	973393	1392.608	36015539
Statewide	2043	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092978	0.111483	0.133726	0.86824	0.945466	151.735	0.015338	0.019552	0.001728	0.001261	5015124	1959583	17091.13	64666232
Statewide	2043	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004853	0.785631	8.32E-05	0.000107	8.85E-06	6.38E-06	25370.74	19658.9	509.7689	747038.2
Statewide	2043	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.05296	0.063472	0.076174	0.505913	0.517501	83.80151	0.008067	0.010215	0.000964	0.000697	2772742	1022818	8899.366	37844251
Statewide	2043	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098093	0.117133	0.141176	1.194074	0.977752	167.7869	0.00984	0.011508	0.002064	0.001403	5579815	3838687	10138.82	1.77E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.016359	0.019795	0.023557	0.350452	0.156528	121.6431	0.003095	0.002848	0.001124	0.000993	3946575	687700	1733.485	1.52E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.068978	0.083464	0.099329	0.928894	0.545878	287.6501	0.022825	0.020999	0.002657	0.002348	9332490	2709938	5215.041	6.26E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.161439	0.195342	0.232473	2.408592	1.220351	710.4002	0.0457	0.042044	0.006563	0.005798	23048153	4894945	9606.032	1.04E+09
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.225507	0.272863	0.324729	4.351054	1.499758	1279.944	0.032749	0.030129	0.011827	0.010447	41526383	13256934	18670.54	2.09E+09
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.11328	0.137068	0.163123	1.686076	0.595724	480.839	0.024925	0.022931	0.004442	0.003925	15600293	3916310	6035.855	7.37E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.002347	0.002823	0.003374	0.010353	0.017819	4.14E-05	0.000603	0.000456	2.55E-07	2.2E-07	875.4315	0	142.9912	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021681	5.19E-05	0.000756	0.000571	3.74E-07	3.23E-07	1283.476	0	992.32	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.00106	0.001266	0.001525	0.012531	0.010908	1.495301	0.000135	0.000109	1.94E-05	1.25E-05	49661.34	35875.85	89.42644	1183903
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001191	0.002205	5.09E-06	7.42E-05	5.6E-05	3.03E-08	2.61E-08	103.6857	0	41.90914	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.002072	0.002492	0.002979	0.008506	0.015749	3.64E-05	0.00053	0.0004	2.16E-07	1.86E-07	740.5605	0	65.83001	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.006201	0.007459	0.008915	0.036689	0.046786	0.000112	0.001632	0.001233	8.14E-07	7.01E-07	2788.469	0	640.5249	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.000551	0.000663	0.000792	0.002262	0.004189	9.67E-06	0.000141	0.000106	5.75E-08	4.95E-08	196.9668	0	26.23	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.000908	0.001093	0.001306	0.003729	0.006905	1.59E-05	0.000232	0.000175	9.47E-08	8.16E-08	324.6743	0	63.27256	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5262	0	574.07	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.013369	0.01608	0.019218	0.070258	0.101134	0.000239	0.003482	0.002631	1.62E-06	1.4E-06	5561.226	0	1702.791	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.000374	0.00045	0.000537	0.001535	0.002842	6.56E-06	9.56E-05	7.22E-05	3.9E-08	3.36E-08	133.6205	0	16.82592	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.198679	0.235075	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.51	13004.95	5043.515	481183.1
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.102146	0.122859	0.146837	0.419337	0.776376	0.001792	0.026109	0.019726	1.07E-05	9.18E-06	36506.9	0	6473.924	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.009949	0.011967	0.014302	0.040844	0.07562	0.000175	0.002543	0.001921	1.04E-06	8.94E-07	3555.805	0	485.4538	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.010725	0.0129	0.015418	0.049288	0.081357	0.00019	0.002764	0.002088	1.2E-06	1.03E-06	4101.071	0	643.5077	0
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.061913	0.074914	0.089154	1.106821	0.468531	270.8849	0.008751	0.008051	0.002503	0.002211	8788563	3107733	4250.291	3.85E+08

Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.379831	0.459596	0.546957	3.835614	2.968255	1628.319	0.056431	0.051917	0.015043	0.01329	52829006	6614697	4448.486	2.68E+09
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.074837	0.090553	0.107766	1.264185	0.621642	362.8655	0.018329	0.016863	0.003353	0.002962	11772770	3160293	6432.422	5.44E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.015404	0.018638	0.022181	0.394663	0.127384	85.32083	0.003547	0.003263	0.000788	0.000696	2768140	992990.3	2282.974	1.29E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.009291	0.011242	0.013378	0.217048	0.084769	49.65473	0.002067	0.001902	0.000459	0.000405	1610993	662780.9	1293.518	87197249
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.051143	0.061883	0.073645	1.272399	0.581116	221.3286	0.013109	0.01206	0.002045	0.001806	7180762	4503916	11901.03	3.62E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.034067	0.041221	0.049057	1.409547	0.563804	240.3295	0.007199	0.006624	0.002221	0.001962	7797226	3723239	11989.4	3.74E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.048684	0.058908	0.070105	0.467437	0.382781	141.5424	0.014783	0.0136	0.001307	0.001155	4592189	898166.3	1060.012	2.23E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.451137	0.545876	0.649637	6.626575	2.047985	1955.155	0.06338	0.05831	0.018063	0.015958	63432844	16774353	15539.01	3.4E+09
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.275716	0.333617	0.397031	3.139054	1.78718	1272.517	0.071173	0.065479	0.011757	0.010386	41285402	4500582	8730.556	1.65E+09
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.039101	0.047312	0.056305	1.40262	0.697388	233.0388	0.006166	0.005673	0.002153	0.001902	7560687	5956550	15547.41	3.9E+08
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.003506	0.004242	0.005048	0.067464	0.036519	26.7482	0.000961	0.000884	0.000247	0.000218	867815.9	211274.2	713.9545	55612240
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.409499	0.495493	0.589678	10.12322	4.360282	1786.115	0.072713	0.066896	0.016501	0.014578	57948537	30873954	46894.42	3.03E+09
Statewide	2044	Construction and Mini	Aggregate	Aggregate	Diesel	0.022499	0.027224	0.032399	0.361647	0.273106	73.50618	0.007459	0.006862	0.000679	0.0006	2384827	1124191	2817.18	88389072
Statewide	2044	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016706	0.020214	0.024057	0.640908	0.372051	113.1362	0.002317	0.002132	0.001045	0.000923	3670580	3532999	10566.78	2.22E+08
Statewide	2044	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122772	0.148554	0.176791	3.041204	1.191938	476.3492	0.021122	0.019432	0.0044	0.003888	15454624	16534409	19822.6	1.48E+09
Statewide	2044	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007893	0.009494	0.011346	0.038538	0.059802	0.00014	0.002043	0.001544	9.14E-07	7.88E-07	3133.472	0	1461.166	0
Statewide	2044	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006321	0.007602	0.009086	0.030752	0.04942	0.000116	0.001683	0.001272	7.31E-07	6.29E-07	2503.834	0	307.1115	0
Statewide	2044	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.00158	0.0019	0.002271	0.0084	0.012556	2.96E-05	0.000431	0.000325	1.93E-07	1.66E-07	662.1644	0	123.875	0
Statewide	2044	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.060327	0.072996	0.086871	1.091426	0.543815	230.063	0.007778	0.007156	0.002125	0.001878	7464140	4664173	5046.368	4.11E+08
Statewide	2044	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027611	0.033409	0.039759	0.507617	0.192655	134.8865	0.004393	0.004042	0.001246	0.001101	4376244	1274855	1517.945	2.14E+08
Statewide	2044	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019248	0.02294	0.02771	0.25519	0.184947	32.31511	0.001391	0.001486	0.000409	0.000271	1077742	973393	1392.568	36015539
Statewide	2044	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092979	0.111485	0.133728	0.868247	0.945476	151.7363	0.015339	0.019552	0.001728	0.001261	5015169	1959583	17091.34	64666232
Statewide	2044	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004853	0.785685	8.32E-05	0.000107	8.85E-06	6.38E-06	25372.48	19658.9	509.7687	747038.2
Statewide	2044	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052963	0.063476	0.076179	0.505928	0.517524	83.80457	0.008068	0.010216	0.000964	0.000697	2772843	1022818	8899.806	37844251
Statewide	2044	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098092	0.117132	0.141175	1.19407	0.977745	167.786	0.00984	0.011508	0.002064	0.001403	5579785	3838687	10138.74	1.77E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.016459	0.019915	0.023701	0.353753	0.157311	122.8017	0.003061	0.002816	0.001135	0.001002	3984165	694250.2	1743.754	1.54E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.067589	0.081783	0.097328	0.921124	0.531592	290.3899	0.021848	0.020101	0.002683	0.00237	9421379	2735749	5245.934	6.32E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.159718	0.193259	0.229994	2.41579	1.194326	717.1666	0.04386	0.040351	0.006626	0.005853	23267679	4941568	9662.935	1.05E+09
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.226734	0.274348	0.326497	4.388457	1.500523	1292.135	0.032322	0.029736	0.01194	0.010546	41921909	13383202	18781.14	2.11E+09
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.112433	0.136045	0.161904	1.69964	0.579442	485.4189	0.024035	0.022112	0.004485	0.003962	15748881	3953612	6071.61	7.44E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.002346	0.002822	0.003373	0.010345	0.017812	4.14E-05	0.000603	0.000455	2.55E-07	2.2E-07	874.8824	0	142.8765	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021681	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.501	0	992.33	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.001053	0.001258	0.001515	0.012503	0.010856	1.495301	0.000134	0.000107	1.94E-05	1.25E-05	49658.91	35875.85	88.91917	1183903
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.000291	0.00035	0.000418	0.001193	0.002209	5.1E-06	7.43E-05	5.61E-05	3.03E-08	2.61E-08	103.8568	0	41.97831	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008501	0.01574	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.1105	0	65.79	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.0062	0.007458	0.008913	0.036684	0.046779	0.000112	0.001632	0.001233	8.14E-07	7.01E-07	2788.068	0	640.4335	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.000551	0.000663	0.000793	0.002263	0.00419	9.67E-06	0.000141	0.000106	5.75E-08	4.95E-08	197.0419	0	26.24	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.000904	0.001087	0.0013	0.003711	0.006871	1.59E-05	0.000231	0.000175	9.43E-08	8.12E-08	323.1083	0	62.96738	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012405	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.494	0	574.05	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.013342	0.016047	0.019179	0.07014	0.100927	0.000239	0.003475	0.002625	1.62E-06	1.4E-06	5551.232	0	1700.416	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.000369	0.000444	0.00053	0.001514	0.002804	6.47E-06	9.43E-05	7.12E-05	3.85E-08	3.31E-08	131.8299	0	16.60044	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.031027	0.037316	0.044603	0.198678	0.235073	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.4	13004.95	5043.479	481183.1
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.102192	0.122915	0.146903	0.419526	0.776725	0.001793	0.02612	0.019735	1.07E-05	9.18E-06	36523.29	0	6476.832	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.009944	0.011961	0.014295	0.040824	0.075583	0.000174	0.002542	0.00192	1.04E-06	8.93E-07	3554.098	0	485.2208	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.010773	0.012958	0.015487	0.049499	0.081719	0.000191	0.002776	0.002097	1.2E-06	1.04E-06	4118.904	0	645.9854	0
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.062215	0.07528	0.08959	1.116729	0.471142	273.465	0.008639	0.007948	0.002526	0.002232	8872271	3137333	4275.468	3.89E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.38227	0.462546	0.550469	3.870428	2.971307	1643.828	0.056224	0.051726	0.015187	0.013417	53332186	6677700	4474.837	2.71E+09
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.074543	0.090197	0.107342	1.272194	0.618297	366.3216	0.017803	0.016378	0.003385	0.00299	11884902	3190394	6470.527	5.49E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.015225	0.018422	0.021924	0.398159	0.125787	86.13349	0.0034	0.003128	0.000796	0.000703	2794506	1002448	2296.498	1.3E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.009214	0.011149	0.013269	0.21876	0.084279	50.12768	0.001942	0.001787	0.000463	0.000409	1626337	669093.7	1301.18	88027776
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.050821	0.061494	0.073183	1.283325	0.581763	223.4367	0.012743	0.011723	0.002064	0.001824	7249157	4546814	11971.53	3.65E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.034153	0.041325	0.049181	1.422829	0.567255	242.6186	0.006905	0.006353	0.002242	0.00198	7871492	3758701	12060.42	3.78E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.047719	0.05774	0.068716	0.459087	0.364779	142.8906	0.01378	0.012678	0.00132	0.001166	4635928	906721.1	1066.292	2.25E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.452381	0.547381	0.651429	6.683242	2.024951	1973.777	0.062205	0.057229	0.018235	0.01611	64037023	16934124	15631.06	3.43E+09
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.274313	0.331918	0.39501	3.119231	1.7492	1284.637	0.068949	0.063433	0.011869	0.010485	41678633	4543449	8782.274	1.67E+09
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.039263	0.047508	0.056539	1.415821	0.70182	235.2584	0.005987	0.005508	0.002174	0.00192	7632701	6013285	15639.51	3.93E+08
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.003467	0.004195	0.004992	0.067851	0.035828	27.00297	0.000894	0.000822	0.00025	0.00022	876081.6	213286.6	718.1838	56141930
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.410521	0.496731	0.59115	10.21321	4.377467	1803.127	0.070696	0.06504	0.016658	0.014717	58500479	31168019	47172.21	3.05E+09
Statewide	2045	Construction and Mini	Aggregate	Aggregate	Diesel	0.022065	0.026699	0.031773	0.363569	0.270596	74.2063	0.007096	0.006528	0.000685	0.000606	2407542	1134898	2833.869	89230951
Statewide	2045	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016813	0.020344	0.024211	0.646966	0.375072	114.2138	0.00231	0.002125	0.001055	0.000932	3705541	3566650	10629.37	2.24E+08
Statewide	2045	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122832	0.148627	0.176878	3.069025	1.19348	480.8862	0.020197	0.018581	0.004442	0.003925	15601824	16691895	19940.03	1.49E+09
Statewide	2045	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007897	0.009498	0.011352	0.03856	0.059829	0.00014	0.002044	0.001545	9.15E-07	7.88E-07	3135.168	0	1461.956	0
Statewide	2045	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006327	0.00761	0.009095	0.030786	0.049471	0.000116	0.001685	0.001273	7.31E-07	6.3E-07	2506.5	0	307.4693	0
Statewide	2045	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001581	0.001902	0.002273	0.008411	0.012569	2.96E-05	0.000431	0.000326	1.93E-07	1.67E-07	662.943	0	124.0421	0
Statewide	2045	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.060617	0.073346	0.087288	1.101248	0.546706	232.2543	0.007601	0.006993	0.002145	0.001896	7535234	4708598	5076.262	4.15E+08
Statewide	2045	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027747	0.033573	0.039955	0.512419	0.192578	136.1712	0.004388	0.004037	0.001258	0.001111	4417926	1286998	1526.937	2.16E+08
Statewide	2045	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019248	0.022941	0.027711	0.255192	0.184952	32.31576	0.001391	0.001487	0.000409	0.000271	1077763	973393	1392.608	36015539
Statewide	2045	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.09298	0.111486	0.133729	0.868253	0.945484	151.7374	0.015339	0.019552	0.001728	0.001261	5015205	1959583	17091.54	64666232
Statewide	2045	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004851	0.785447	8.31E-05	0.000107	8.85E-06	6.38E-06	25364.72	19658.9	509.6487	747038.2
Statewide	2045	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052963	0.063477	0.07618	0.505929	0.51753	83.80532	0.008068	0.010216	0.000964	0.000697	2772867	1022818	8899.746	37844251
Statewide	2045	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098091	0.11713	0.141173	1.194065	0.977736	167.7849	0.00984	0.011508	0.002064	0.001403	5579747	3838687	10138.61	1.77E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.016539	0.020012	0.023816	0.357031	0.157047	123.9603	0.003045	0.002801	0.001146	0.001012	4021755	700800.3	1753.977	1.55E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.06737	0.081517	0.097012	0.92403	0.520615	293.1296	0.021597	0.01987	0.002708	0.002392	9510268	2761561	5276.69	6.38E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.158721	0.192052	0.228558	2.430426	1.168484	723.9329	0.042467	0.03907	0.006688	0.005909	23487206	4988191	9719.588	1.06E+09
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.227944	0.275812	0.328239	4.42901	1.497545	1304.326	0.032052	0.029488	0.012052	0.010646	42317436	13509470	18891.25	2.13E+09
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.112068	0.135603	0.161378	1.714662	0.561933	489.9987	0.023542	0.021659	0.004527	0.003999	15897469	3990914	6107.207	7.51E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.002343	0.002818	0.003368	0.01033	0.017786	4.13E-05	0.000602	0.000455	2.55E-07	2.2E-07	873.6314	0	142.6709	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.002874	0.003457	0.004131	0.016836	0.021688	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.788	0	992.43	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.001047	0.001251	0.001507	0.012479	0.010813	1.495301	0.000132	0.000106	1.94E-05	1.25E-05	49656.89	35875.85	88.49592	1183903

Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001192	0.002207	5.09E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.7858	0	41.94958	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008501	0.01574	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.1105	0	65.79	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.0062	0.007457	0.008912	0.036682	0.046775	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.908	0	640.3991	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.00226	0.004184	9.66E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.7415	0	26.2	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.000901	0.001084	0.001295	0.0037	0.00685	1.58E-05	0.00023	0.000174	9.4E-08	8.1E-08	322.0845	0	62.76784	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002826	0.012405	0.01481	3.57E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.4457	0	574.02	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.013336	0.016041	0.019171	0.070126	0.100888	0.000238	0.003474	0.002625	1.62E-06	1.39E-06	5549.734	0	1700.307	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.000367	0.000441	0.000527	0.001505	0.002786	6.43E-06	9.37E-05	7.08E-05	3.82E-08	3.29E-08	131.013	0	16.49757	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.198679	0.235075	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.5	13004.95	5043.514	481183.1
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.102277	0.123016	0.147024	0.419873	0.777367	0.001794	0.026142	0.019752	1.07E-05	9.19E-06	36553.51	0	6482.191	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.009941	0.011957	0.01429	0.040811	0.075559	0.000174	0.002541	0.00192	1.04E-06	8.93E-07	3552.933	0	485.0618	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.0108	0.01299	0.015525	0.049638	0.081923	0.000191	0.002783	0.002103	1.21E-06	1.04E-06	4129.988	0	648.3484	0
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.062645	0.0758	0.090209	1.127155	0.473607	276.0451	0.008601	0.007913	0.00255	0.002253	8955980	3166933	4300.535	3.93E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.384015	0.464658	0.552981	3.901946	2.963812	1659.337	0.055912	0.051439	0.01533	0.013543	53835366	6740703	4501.073	2.73E+09
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.074687	0.090371	0.107549	1.283114	0.617359	369.7778	0.017515	0.016114	0.003417	0.003018	11997034	3220494	6508.462	5.55E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.015071	0.018236	0.021702	0.401773	0.123891	86.94614	0.003184	0.002929	0.000803	0.00071	2820872	1011906	2309.962	1.31E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.009185	0.011114	0.013227	0.220625	0.083753	50.60063	0.001861	0.001712	0.000468	0.000413	1641682	675406.5	1308.809	88858304
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.050359	0.060934	0.072517	1.292804	0.579411	225.5448	0.012208	0.011231	0.002084	0.001841	7317551	4589712	12041.72	3.69E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.03423	0.041418	0.049291	1.43598	0.570819	244.9076	0.006738	0.006199	0.002263	0.001999	7945759	3794164	12131.13	3.81E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.0472	0.057112	0.067968	0.455267	0.349427	144.2387	0.013136	0.012085	0.001332	0.001177	4679667	915275.9	1072.543	2.27E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.454975	0.55052	0.655164	6.743332	2.010391	1992.399	0.06147	0.056553	0.018407	0.016262	64641201	17093894	15722.7	3.46E+09
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.272724	0.329996	0.392722	3.115818	1.716161	1296.757	0.066832	0.061485	0.011981	0.010584	42071864	4586316	8833.763	1.68E+09
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.039449	0.047733	0.056806	1.428968	0.70645	237.478	0.0058	0.005336	0.002194	0.001938	7704714	6070019	15731.2	3.97E+08
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.00348	0.004211	0.005012	0.068491	0.035288	27.25774	0.000858	0.000789	0.000252	0.000222	884347.3	215298.9	722.3944	56671620
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.411721	0.498182	0.592878	10.3051	4.393328	1820.14	0.069044	0.06352	0.016816	0.014856	59052422	31462084	47448.77	3.08E+09
Statewide	2046	Construction and Mini	Aggregate	Aggregate	Diesel	0.02184	0.026426	0.031449	0.366565	0.269615	74.90643	0.006875	0.006325	0.000692	0.000611	2430256	1145606	2850.483	90072830
Statewide	2046	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.016952	0.020512	0.024411	0.653056	0.378394	115.2914	0.002301	0.002117	0.001065	0.000941	3740503	3600301	10691.69	2.26E+08
Statewide	2046	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.122918	0.148731	0.177002	3.097186	1.195152	485.4233	0.019541	0.017977	0.004484	0.003962	15749025	16849380	20056.93	1.51E+09
Statewide	2046	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007905	0.009508	0.011363	0.0386	0.059892	0.00014	0.002046	0.001546	9.16E-07	7.89E-07	3138.426	0	1463.476	0
Statewide	2046	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006333	0.007617	0.009103	0.030815	0.049515	0.000116	0.001686	0.001274	7.32E-07	6.31E-07	2508.831	0	307.7817	0
Statewide	2046	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001589	0.001911	0.002284	0.008458	0.012633	2.97E-05	0.000433	0.000327	1.94E-07	1.68E-07	666.5307	0	124.7628	0
Statewide	2046	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.060922	0.073716	0.087728	1.111533	0.548876	234.4455	0.007494	0.006894	0.002166	0.001914	7606327	4753023	5106.023	4.19E+08
Statewide	2046	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027776	0.033609	0.039998	0.516834	0.192992	137.456	0.004275	0.003933	0.00127	0.001122	4459608	1299140	1535.889	2.18E+08
Statewide	2046	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019248	0.02294	0.02771	0.25519	0.184946	32.31503	0.001391	0.001486	0.000409	0.000271	1077740	973393	1392.588	36015539
Statewide	2046	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092978	0.111483	0.133725	0.868242	0.945465	151.7349	0.015338	0.019552	0.001728	0.001261	5015123	1959583	17091.23	64666232
Statewide	2046	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004852	0.785571	8.32E-05	0.000107	8.85E-06	6.38E-06	25368.79	19658.9	509.7489	747038.2
Statewide	2046	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052963	0.063476	0.076179	0.505928	0.517527	83.80495	0.008068	0.010216	0.000964	0.000697	2772855	1022818	8899.736	37844251
Statewide	2046	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098093	0.117133	0.141176	1.194073	0.977752	167.7869	0.00984	0.011508	0.002064	0.001403	5579814	3838687	10138.78	1.77E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.016636	0.020129	0.023956	0.360178	0.156729	125.1189	0.003022	0.00278	0.001156	0.001021	4059345	707350.4	1764.156	1.56E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.066655	0.080652	0.095983	0.924958	0.509431	295.8694	0.020862	0.019193	0.002733	0.002415	9599157	2787372	5307.311	6.44E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.157612	0.19071	0.226961	2.434806	1.146239	730.6993	0.04077	0.037509	0.006751	0.005964	23706733	5034814	9775.991	1.07E+09
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.229331	0.277491	0.330237	4.468842	1.500053	1316.518	0.031781	0.029238	0.012165	0.010745	42712962	13635739	19000.88	2.15E+09
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.11219	0.13575	0.161554	1.729266	0.547029	494.5786	0.023047	0.021203	0.004569	0.004037	16046058	4028215	6142.648	7.58E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.00234	0.002815	0.003364	0.010322	0.017765	4.13E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.798	0	142.5605	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.002874	0.003456	0.004131	0.016835	0.021684	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.644	0	992.3799	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.00105	0.001254	0.001511	0.012491	0.010835	1.495301	0.000133	0.000107	1.94E-05	1.25E-05	49657.9	35875.85	88.70782	1183903
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001192	0.002207	5.09E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.7881	0	41.95054	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.002072	0.002493	0.002979	0.008508	0.015752	3.64E-05	0.00053	0.0004	2.16E-07	1.86E-07	740.6729	0	65.84	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.006198	0.007455	0.00891	0.036675	0.046763	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.332	0	640.2694	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.002259	0.004182	9.65E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.6664	0	26.19	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.000898	0.00108	0.001291	0.003688	0.006828	1.58E-05	0.00023	0.000173	9.37E-08	8.07E-08	321.0449	0	62.56525	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5261	0	574.07	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.013346	0.016053	0.019185	0.070177	0.100963	0.000239	0.003476	0.002626	1.62E-06	1.4E-06	5553.805	0	1701.516	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.000367	0.000441	0.000527	0.001506	0.002788	6.43E-06	9.37E-05	7.08E-05	3.82E-08	3.29E-08	131.0855	0	16.5067	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.19868	0.235075	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.55	13004.95	5043.529	481183.1
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.102384	0.123146	0.147179	0.420314	0.778184	0.001796	0.026169	0.019772	1.07E-05	9.2E-06	36591.9	0	6488.998	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.00994	0.011956	0.014289	0.040808	0.075553	0.000174	0.002541	0.00192	1.04E-06	8.93E-07	3552.685	0	485.0279	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.010826	0.013022	0.015563	0.049773	0.082122	0.000191	0.00279	0.002108	1.21E-06	1.04E-06	4140.735	0	650.6054	0
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.063047	0.076287	0.090788	1.137514	0.475871	278.6252	0.00857	0.007885	0.002574	0.002274	9039688	3196533	4325.491	3.96E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.3867	0.467907	0.556847	3.935523	2.970141	1674.846	0.0558	0.051336	0.015473	0.01367	54338547	6803706	4527.193	2.76E+09
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.074383	0.090003	0.107111	1.291609	0.610424	373.234	0.016958	0.015601	0.003449	0.003046	12109167	3250595	6546.231	5.6E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.014969	0.018112	0.021555	0.405422	0.122256	87.7588	0.003042	0.002798	0.000811	0.000716	2847238	1021364	2323.367	1.32E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.009198	0.011129	0.013245	0.22254	0.08342	51.07357	0.00179	0.001647	0.000472	0.000417	1657026	681719.3	1316.404	89688831
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.050128	0.060655	0.072185	1.303862	0.579215	227.6528	0.011835	0.010888	0.002103	0.001858	7385946	4632611	12111.59	3.72E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.034183	0.041361	0.049223	1.448986	0.572634	247.1967	0.006443	0.005927	0.002284	0.002018	8020025	3829627	12201.52	3.85E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.04711	0.057003	0.067838	0.455941	0.341724	145.5869	0.01284	0.011813	0.001345	0.001188	4723406	923830.6	1078.767	2.29E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.457301	0.553334	0.658514	6.80409	1.995621	2011.022	0.060647	0.055795	0.018579	0.016414	65245380	17253665	15813.94	3.49E+09
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.26995	0.32664	0.388729	3.097802	1.664313	1308.878	0.063802	0.058698	0.012093	0.010683	42465095	4629182	8885.026	1.7E+09
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.039689	0.048023	0.057152	1.442172	0.711468	239.6977	0.005724	0.005266	0.002215	0.001956	7776727	6126753	15822.49	4.01E+08
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.003461	0.004188	0.004984	0.068886	0.035064	27.51251	0.000833	0.000767	0.000254	0.000225	892613	217311.2	726.5865	57201310
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.413123	0.499879	0.594897	10.39785	4.408195	1837.152	0.067403	0.06201	0.016973	0.014995	59604364	31756149	47724.12	3.11E+09
Statewide	2047	Construction and Mini	Aggregate	Aggregate	Diesel	0.021556	0.026082	0.03104	0.369259	0.267162	75.60655	0.006493	0.005973	0.000698	0.000617	2452971	1156313	2867.025	90914710
Statewide	2047	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.017096	0.020686	0.024618	0.659148	0.381795	116.369	0.002302	0.002118	0.001075	0.00095	3775464	3633952	10753.74	2.29E+08
Statewide	2047	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.123218	0.149093	0.177434	3.124469	1.197421	489.9604	0.018899	0.017388	0.004526	0.003999	15896226	17006865	20173.33	1.52E+09
Statewide	2047	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007912	0.009517	0.011374	0.038627	0.059948	0.000141	0.002048	0.001548	9.16E-07	7.89E-07	3140.864	0	1464.613	0
Statewide	2047	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006342	0.007628	0.009117	0.030858	0.049589	0.000116	0.001689	0.001276	7.33E-07	6.31E-07	2512.427	0	308.176	0
Statewide	2047	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001605	0.00193	0.002307	0.008548	0.012759	3E-05	0.000438	0.000331	1.96E-07	1.69E-07	673.4029	0	126.0949	0
Statewide	2047	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.061235	0.074095	0.088179	1.121359	0.552101	236.6368	0.007354	0.006765	0.002186	0.001931	7677421	4797448	5135.654	4.23E+08
Statewide	2047	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027811	0.033652	0.040048	0.521185	0.191699	138.7407	0.004172	0.003838	0.001282	0.001132	4501291	1311283	1544.802	2.2E+08

Statewide	2047	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019251	0.022944	0.027715	0.255206	0.184974	32.31874	0.001392	0.001487	0.000409	0.000271	1077861	973393	1392.838	36015539
Statewide	2047	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092978	0.111483	0.133726	0.868245	0.94547	151.7356	0.015338	0.019552	0.001728	0.001261	5015144	1959583	17091.33	64666232
Statewide	2047	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004853	0.785679	8.32E-05	0.000107	8.85E-06	6.38E-06	25372.31	19658.9	509.809	747038.2
Statewide	2047	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052961	0.063474	0.076177	0.50592	0.517514	83.80325	0.008068	0.010215	0.000964	0.000697	2772799	1022818	8899.516	37844251
Statewide	2047	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141174	1.194066	0.977742	167.7856	0.00984	0.011508	0.002064	0.001403	5579771	3838687	10138.59	1.77E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.016718	0.020228	0.024074	0.363405	0.156877	126.2775	0.002994	0.002754	0.001167	0.001031	4096935	713900.6	1774.29	1.58E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.065018	0.078672	0.093626	0.884674	0.47825	298.6092	0.018951	0.017435	0.002759	0.002437	9688047	2813183	5337.799	6.5E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.154346	0.186759	0.222258	2.394405	1.09558	737.4656	0.037319	0.034333	0.006814	0.006019	23926259	5081437	9832.15	1.08E+09
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.230544	0.278958	0.331983	4.502859	1.49859	1328.709	0.031379	0.028868	0.012278	0.010845	43108488	13762007	19110.03	2.17E+09
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.110772	0.134034	0.159512	1.732043	0.52057	499.1584	0.021799	0.020055	0.004612	0.004074	16194646	4065517	6177.934	7.65E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.002339	0.002813	0.003362	0.010316	0.017756	4.12E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.3005	0	142.4771	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.002874	0.003456	0.004131	0.016834	0.021684	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.597	0	992.28	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.001052	0.001257	0.001515	0.012501	0.010853	1.495301	0.000134	0.000107	1.94E-05	1.25E-05	49658.76	35875.85	88.88767	1183903
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.000291	0.00035	0.000418	0.001194	0.00221	5.1E-06	7.43E-05	5.62E-05	3.03E-08	2.61E-08	103.9345	0	42.00969	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.00249	0.002976	0.0085	0.015737	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	739.9979	0	65.78	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.006199	0.007456	0.008911	0.036681	0.046769	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.722	0	640.3597	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.00226	0.004184	9.66E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.7415	0	26.2	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.000895	0.001077	0.001287	0.003676	0.006806	1.57E-05	0.000229	0.000173	9.34E-08	8.04E-08	320.0251	0	62.36653	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5422	0	574.08	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.013353	0.016061	0.019196	0.070216	0.101016	0.000239	0.003478	0.002628	1.62E-06	1.4E-06	5556.838	0	1702.513	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.000366	0.000441	0.000527	0.001504	0.002784	6.43E-06	9.36E-05	7.07E-05	3.82E-08	3.29E-08	130.9203	0	16.48591	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.198679	0.235074	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.5	13004.95	5043.511	481183.1
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.102494	0.123278	0.147337	0.420767	0.779022	0.001798	0.026198	0.019794	1.07E-05	9.21E-06	36631.33	0	6495.991	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.009934	0.011949	0.014281	0.040782	0.075506	0.000174	0.002539	0.001918	1.04E-06	8.92E-07	3550.449	0	484.7227	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.010855	0.013056	0.015604	0.049913	0.082337	0.000192	0.002797	0.002113	1.21E-06	1.04E-06	4152.089	0	652.8017	0
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.063181	0.076449	0.090981	1.146282	0.476791	281.2053	0.008363	0.007694	0.002598	0.002295	9123396	3226134	4350.339	4E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.389071	0.470776	0.560263	3.950003	2.972482	1690.356	0.055018	0.050617	0.015617	0.013796	54841727	6866709	4553.199	2.78E+09
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.073364	0.088771	0.105644	1.26129	0.590587	376.6902	0.015635	0.014384	0.00348	0.003074	12221299	3280696	6583.836	5.65E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.014813	0.017923	0.02133	0.4083	0.119859	88.57145	0.002913	0.00268	0.000818	0.000723	2873603	1030822	2336.714	1.33E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.009189	0.011119	0.013233	0.224394	0.082951	51.54652	0.001722	0.001584	0.000476	0.000421	1672370	688032.1	1323.966	90519359
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.049065	0.059369	0.070654	1.307275	0.572389	229.7609	0.011023	0.010141	0.002123	0.001875	7454341	4675509	12181.17	3.76E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.034039	0.041187	0.049016	1.46179	0.574151	249.4858	0.006167	0.005674	0.002306	0.002036	8094291	3865090	12271.62	3.88E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.045905	0.055545	0.066103	0.435467	0.319554	146.935	0.01169	0.010755	0.001357	0.001199	4767145	932385.4	1084.964	2.31E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.459366	0.555833	0.661487	6.836441	1.976656	2029.644	0.059224	0.054486	0.018751	0.016566	65849559	17413436	15904.79	3.53E+09
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.268317	0.324664	0.386377	3.053302	1.614175	1320.998	0.06121	0.056313	0.012205	0.010782	42858326	4672049	8936.066	1.72E+09
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.039884	0.04826	0.057433	1.455224	0.715895	241.9173	0.005608	0.00516	0.002235	0.001974	7848740	6183488	15913.38	4.04E+08
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.003392	0.004104	0.004884	0.069365	0.033672	27.76728	0.000786	0.000723	0.000257	0.000227	900878.7	219323.5	730.7604	57731000
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.412824	0.499518	0.594467	10.47721	4.40766	1854.164	0.064961	0.059764	0.01713	0.015133	60156306	32050214	47998.27	3.14E+09
Statewide	2048	Construction and Mini	Aggregate	Aggregate	Diesel	0.020837	0.025213	0.030005	0.369376	0.259664	76.30667	0.00592	0.005446	0.000705	0.000623	2475686	1167021	2883.495	91756589
Statewide	2048	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.017176	0.020782	0.024733	0.664932	0.38473	117.4466	0.002273	0.002091	0.001085	0.000959	3810425	3667602	10815.51	2.31E+08
Statewide	2048	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.123417	0.149335	0.177721	3.151602	1.198287	494.4975	0.018356	0.016887	0.004568	0.004036	16043426	17164350	20289.21	1.54E+09
Statewide	2048	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007921	0.009527	0.011386	0.038658	0.060013	0.000141	0.00205	0.001549	9.17E-07	7.9E-07	3143.733	0	1465.952	0
Statewide	2048	Industrial - Misc - Othe	Aggregate	Aggregate	Diesel	0.006347	0.007634	0.009124	0.030879	0.049627	0.000116	0.00169	0.001277	7.34E-07	6.32E-07	2514.238	0	308.3518	0
Statewide	2048	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001616	0.001943	0.002323	0.008606	0.012847	3.02E-05	0.000441	0.000333	1.98E-07	1.7E-07	678.0252	0	126.9569	0
Statewide	2048	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.061408	0.074303	0.088427	1.124951	0.552583	238.8281	0.007104	0.006535	0.002206	0.001949	7748515	4841872	5165.156	4.27E+08
Statewide	2048	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.027889	0.033745	0.040159	0.525431	0.191043	140.0255	0.004046	0.003723	0.001294	0.001143	4542973	1323426	1553.676	2.22E+08
Statewide	2048	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019249	0.022941	0.027712	0.255194	0.184954	32.31608	0.001391	0.001487	0.000409	0.000271	1077774	973393	1392.638	36015539
Statewide	2048	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.09298	0.111485	0.133729	0.868252	0.945482	151.7372	0.015339	0.019552	0.001728	0.001261	5015197	1959583	17091.53	64666232
Statewide	2048	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004345	0.004855	0.785942	8.32E-05	0.000107	8.85E-06	6.38E-06	25380.94	19658.9	510.0388	747038.2
Statewide	2048	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052962	0.063475	0.076178	0.505924	0.517518	83.80382	0.008068	0.010215	0.000964	0.000697	2772818	1022818	8899.686	37844251
Statewide	2048	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098092	0.117133	0.141176	1.194072	0.977749	167.7866	0.00984	0.011508	0.002064	0.001403	5579803	3838687	10138.76	1.77E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.016817	0.020348	0.024216	0.366462	0.157922	127.4361	0.002957	0.002721	0.001178	0.00104	4134525	720450.7	1784.38	1.59E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.064497	0.078041	0.092875	0.888689	0.469791	301.349	0.018245	0.016786	0.002784	0.00246	9776936	2838995	5368.155	6.56E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.154323	0.186731	0.222226	2.411627	1.082308	744.232	0.036466	0.033549	0.006876	0.006074	24145786	5128060	9888.066	1.09E+09
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.232295	0.281077	0.334505	4.544131	1.505549	1340.9	0.031457	0.02894	0.01239	0.010944	43504014	13888275	19218.71	2.19E+09
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.111006	0.134317	0.159848	1.747358	0.513529	503.7383	0.021467	0.01975	0.004654	0.004111	16343234	4102819	6213.069	7.72E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.002339	0.002813	0.003362	0.010316	0.017754	4.12E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.302	0	142.4873	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021682	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.503	0	992.2599	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.001055	0.00126	0.001518	0.012511	0.010871	1.495301	0.000134	0.000108	1.94E-05	1.25E-05	49659.6	35875.85	89.06348	1183903
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.000291	0.00035	0.000418	0.001194	0.00221	5.1E-06	7.43E-05	5.61E-05	3.03E-08	2.61E-08	103.9074	0	41.99875	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.002492	0.002978	0.008504	0.015744	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.3354	0	65.81	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.006199	0.007456	0.008911	0.036679	0.046767	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.591	0	640.3288	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.000549	0.000661	0.00079	0.002255	0.004174	9.64E-06	0.00014	0.000106	5.73E-08	4.93E-08	196.2909	0	26.14	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.000893	0.001074	0.001284	0.003666	0.006788	1.57E-05	0.000228	0.000172	9.31E-08	8.02E-08	319.1715	0	62.20016	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.51	0	574.06	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.01336	0.016069	0.019205	0.070256	0.101066	0.000239	0.00348	0.002629	1.62E-06	1.4E-06	5559.849	0	1703.552	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.000367	0.000442	0.000528	0.001508	0.002792	6.45E-06	9.39E-05	7.09E-05	3.83E-08	3.3E-08	131.2992	0	16.53362	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.19868	0.235076	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.56	13004.95	5043.534	481183.1
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.102607	0.123413	0.147499	0.421228	0.779877	0.0018	0.026226	0.019815	1.07E-05	9.22E-06	36671.51	0	6503.116	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.009939	0.011954	0.014287	0.0408	0.075539	0.000174	0.00254	0.001919	1.04E-06	8.93E-07	3552.025	0	484.9378	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.010895	0.013104	0.015662	0.0501	0.082643	0.000193	0.002807	0.002121	1.22E-06	1.05E-06	4167.58	0	655.2667	0
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.063666	0.077036	0.09168	1.156652	0.48039	283.7854	0.008392	0.00772	0.002622	0.002316	9207105	3255734	4375.08	4.04E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.392018	0.474341	0.564506	3.985563	2.976657	1705.865	0.05498	0.050581	0.01576	0.013923	55344907	6929712	4579.094	2.81E+09
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.07337	0.088777	0.105652	1.271615	0.589326	380.1464	0.015252	0.014032	0.003512	0.003103	12333431	3310797	6621.28	5.7E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.014799	0.017907	0.021311	0.411966	0.119351	89.38411	0.002844	0.002616	0.000826	0.00073	2899969	1040280	2350.003	1.35E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.009193	0.011124	0.013238	0.226419	0.082606	52.01946	0.001676	0.001542	0.000481	0.000425	1687714	694344.9	1331.495	91349886
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.048701	0.058929	0.07013	1.31822	0.572729	231.869	0.010597	0.009749	0.002142	0.001892	7522735	4718408	12250.45	3.79E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.034137	0.041306	0.049158	1.475068	0.577552	251.7748	0.006027	0.005545	0.002327	0.002055	8168557	3900552	12341.41	3.92E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.045814	0.055435	0.065972	0.437762	0.310125	148.2832	0.011252	0.010352	0.00137	0.00121	4810885	940940.2	1091.135	2.33E+08

Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.462334	0.559424	0.665761	6.897704	1.972734	2048.266	0.058708	0.054011	0.018923	0.016718	66453737	17573206	15995.24	3.56E+09
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.268061	0.324354	0.386008	3.06635	1.596385	1333.118	0.059701	0.054924	0.012317	0.010881	43251557	4714916	8986.887	1.73E+09
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.04009	0.048509	0.05773	1.468369	0.720694	244.1369	0.005579	0.005132	0.002256	0.001993	7920754	6240222	16003.88	4.08E+08
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.003394	0.004106	0.004887	0.069996	0.033422	28.02204	0.000779	0.000717	0.000259	0.000229	909144.3	221335.9	734.9163	58260689
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.414439	0.501471	0.596792	10.57019	4.431843	1871.176	0.063906	0.058793	0.017288	0.015272	60708249	32344279	48271.25	3.17E+09
Statewide	2049	Construction and Mini	Aggregate	Aggregate	Diesel	0.020729	0.025082	0.029849	0.37251	0.258617	77.0068	0.005664	0.005211	0.000711	0.000629	2498401	1177729	2899.893	92598468
Statewide	2049	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.017326	0.020964	0.024949	0.671033	0.388097	118.5242	0.002284	0.002102	0.001095	0.000967	3845386	3701253	10877.02	2.33E+08
Statewide	2049	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.124062	0.150115	0.178649	3.180109	1.203187	499.0346	0.018105	0.016657	0.00461	0.004073	16190627	17321836	20404.6	1.55E+09
Statewide	2049	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007928	0.009536	0.011397	0.038686	0.060069	0.000141	0.002052	0.001551	9.18E-07	7.91E-07	3146.267	0	1467.134	0
Statewide	2049	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006347	0.007634	0.009124	0.030877	0.049625	0.000116	0.00169	0.001277	7.34E-07	6.32E-07	2514.111	0	308.3224	0
Statewide	2049	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001621	0.00195	0.002331	0.008629	0.012889	3.03E-05	0.000442	0.000334	1.98E-07	1.71E-07	679.988	0	127.2686	0
Statewide	2049	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.061838	0.074823	0.089046	1.135156	0.556585	241.0194	0.007016	0.006454	0.002226	0.001967	7819608	4886297	5194.531	4.31E+08
Statewide	2049	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.028074	0.033969	0.040426	0.530196	0.191763	141.3103	0.004052	0.003728	0.001306	0.001153	4584656	1335568	1562.512	2.24E+08
Statewide	2049	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019249	0.022941	0.027712	0.255192	0.184954	32.31608	0.001391	0.001487	0.000409	0.000271	1077774	973393	1392.588	36015539
Statewide	2049	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.092979	0.111485	0.133728	0.868251	0.945478	151.7366	0.015339	0.019552	0.001728	0.001261	5015179	1959583	17091.5	64666232
Statewide	2049	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004345	0.004855	0.785923	8.32E-05	0.000107	8.85E-06	6.38E-06	25380.31	19658.9	510.0189	747038.2
Statewide	2049	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052963	0.063476	0.076179	0.505928	0.517526	83.80486	0.008068	0.010216	0.000964	0.000697	2772852	1022818	8899.746	37844251
Statewide	2049	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141173	1.194063	0.977737	167.7849	0.00984	0.011508	0.002064	0.001403	5579747	3838687	10138.54	1.77E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.016945	0.020503	0.0244	0.369794	0.158578	128.5947	0.002958	0.002721	0.001188	0.00105	4172115	727000.8	1794.428	1.61E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.064509	0.078055	0.092892	0.895843	0.463503	304.0888	0.017891	0.01646	0.00281	0.002482	9865825	2864806	5398.382	6.62E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.154365	0.186782	0.222286	2.429565	1.070231	750.9983	0.035668	0.032814	0.006939	0.00613	24365313	5174682	9943.744	1.1E+09
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.234025	0.28317	0.336996	4.584878	1.512965	1353.091	0.031395	0.028884	0.012503	0.011044	43899541	14014543	19326.93	2.21E+09
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.111361	0.134747	0.16036	1.762227	0.508179	508.3181	0.021112	0.019423	0.004696	0.004149	16491822	4140120	6248.054	7.79E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.00234	0.002815	0.003364	0.010324	0.017765	4.13E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.9009	0	142.5927	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016832	0.021681	5.19E-05	0.000756	0.000571	3.74E-07	3.23E-07	1283.437	0	992.24	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.001057	0.001262	0.001521	0.012519	0.010887	1.495301	0.000135	0.000108	1.94E-05	1.25E-05	49660.33	35875.85	89.21496	1183903
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000418	0.001192	0.002208	5.1E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.8022	0	41.95622	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008503	0.015742	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.2229	0	65.8	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.006199	0.007456	0.008912	0.036681	0.046771	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.778	0	640.3717	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.002258	0.004181	9.65E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.5913	0	26.18	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.000889	0.00107	0.001278	0.003651	0.006759	1.56E-05	0.000227	0.000172	9.27E-08	7.99E-08	317.8218	0	61.93714	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002826	0.012405	0.014809	3.57E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.4296	0	574.01	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.01337	0.016081	0.019219	0.070311	0.101141	0.000239	0.003482	0.002631	1.62E-06	1.4E-06	5564.125	0	1704.961	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.000368	0.000443	0.000529	0.001511	0.002798	6.46E-06	9.41E-05	7.11E-05	3.84E-08	3.31E-08	131.5802	0	16.569	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044603	0.198679	0.235074	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.45	13004.95	5043.495	481183.1
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.10271	0.123538	0.147647	0.421652	0.780662	0.001802	0.026253	0.019835	1.07E-05	9.23E-06	36708.43	0	6509.663	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.00994	0.011956	0.014289	0.040807	0.075552	0.000174	0.002541	0.00192	1.04E-06	8.93E-07	3552.614	0	485.0181	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.010933	0.01315	0.015716	0.050279	0.082929	0.000193	0.002817	0.002129	1.22E-06	1.05E-06	4182.285	0	657.8178	0
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.064087	0.077545	0.092285	1.16671	0.482683	286.3655	0.008327	0.007661	0.002646	0.002337	9290813	3285334	4399.715	4.07E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.395088	0.478057	0.568927	4.021077	2.994085	1721.374	0.055175	0.050761	0.015903	0.01405	55848087	6992715	4604.878	2.83E+09
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.073639	0.089103	0.10604	1.282946	0.589812	383.6026	0.015016	0.013814	0.003544	0.003131	12445563	3340898	6658.563	5.75E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.014842	0.017959	0.021372	0.415647	0.11918	90.19676	0.002803	0.002578	0.000833	0.000736	2926335	1049738	2363.235	1.36E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.009205	0.011138	0.013255	0.228466	0.082466	52.49241	0.001619	0.001489	0.000485	0.000428	1703058	700657.7	1338.993	92180414
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.048577	0.058778	0.069951	1.329322	0.574423	233.9771	0.010269	0.009447	0.002162	0.00191	7591130	4761306	12319.43	3.82E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.034338	0.041549	0.049447	1.488405	0.581826	254.0639	0.005981	0.005502	0.002348	0.002074	8242824	3936015	12410.9	3.96E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.045624	0.055206	0.065699	0.439276	0.29795	149.6313	0.010823	0.009957	0.001382	0.001221	4854624	949494.9	1097.279	2.35E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.465465	0.563213	0.67027	6.959239	1.967768	2066.888	0.058385	0.053714	0.019095	0.01687	67057916	17732977	16085.3	3.59E+09
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.267295	0.323427	0.384905	3.079905	1.572924	1345.239	0.057819	0.053194	0.012429	0.01098	43644788	4757782	9037.49	1.75E+09
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.040385	0.048866	0.058155	1.481623	0.726793	246.3565	0.00556	0.005115	0.002276	0.002011	7992767	6296956	16094	4.12E+08
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.003391	0.004103	0.004882	0.070563	0.033029	28.27681	0.000763	0.000702	0.000261	0.000231	917410	223348.2	739.0545	58790379
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.416514	0.503982	0.59978	10.66461	4.454986	1888.188	0.063203	0.058147	0.017445	0.015411	61260191	32638344	48543.05	3.2E+09
Statewide	2050	Construction and Mini	Aggregate	Aggregate	Diesel	0.0206	0.024926	0.029664	0.375712	0.257098	77.70692	0.005502	0.005062	0.000718	0.000634	2521115	1188436	2916.222	93440347
Statewide	2050	Industrial - Aerial Lifts	Aggregate	Aggregate	Diesel	0.017481	0.021152	0.025172	0.677134	0.391528	119.6018	0.002302	0.002118	0.001105	0.000976	3880347	3734904	10938.27	2.35E+08
Statewide	2050	Industrial - Forklifts	Aggregate	Aggregate	Diesel	0.124518	0.150667	0.179306	3.207014	1.208165	503.5716	0.017701	0.016285	0.004652	0.00411	16337828	17479321	20519.49	1.56E+09
Statewide	2050	Industrial - Misc - Aeri	Aggregate	Aggregate	Diesel	0.007932	0.009541	0.011403	0.038702	0.060102	0.000141	0.002053	0.001551	9.18E-07	7.91E-07	3147.705	0	1467.805	0
Statewide	2050	Industrial - Misc - Oth	Aggregate	Aggregate	Diesel	0.006348	0.007635	0.009125	0.03088	0.049629	0.000116	0.00169	0.001277	7.34E-07	6.32E-07	2514.339	0	308.3601	0
Statewide	2050	Industrial - Misc - Swe	Aggregate	Aggregate	Diesel	0.001624	0.001953	0.002334	0.008637	0.012905	3.04E-05	0.000443	0.000334	1.99E-07	1.71E-07	680.7273	0	127.3758	0
Statewide	2050	Industrial - Other Gen	Aggregate	Aggregate	Diesel	0.062313	0.075399	0.089731	1.14543	0.560255	243.2107	0.006995	0.006435	0.002247	0.001985	7890702	4930722	5223.78	4.35E+08
Statewide	2050	Industrial - Other Mat	Aggregate	Aggregate	Diesel	0.028243	0.034173	0.040669	0.534717	0.19266	142.595	0.004018	0.003696	0.001318	0.001164	4626338	1347711	1571.31	2.26E+08
Statewide	2050	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.019249	0.022941	0.027712	0.255192	0.184956	32.31624	0.001391	0.001487	0.000409	0.000271	1077779	973393	1392.558	36015539
Statewide	2050	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.09298	0.111485	0.133728	0.86825	0.945479	151.7368	0.015339	0.019552	0.001728	0.001261	5015184	1959583	17091.44	64666232
Statewide	2050	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004854	0.785719	8.32E-05	0.000107	8.85E-06	6.38E-06	25373.63	19658.9	509.8688	747038.2
Statewide	2050	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.052962	0.063475	0.076178	0.505923	0.517519	83.80394	0.008068	0.010215	0.000964	0.000697	2772822	1022818	8899.586	37844251
Statewide	2050	Light Commercial - Mi	Aggregate	Aggregate	Diesel	0.098092	0.117132	0.141175	1.19407	0.977745	167.786	0.00984	0.011508	0.002064	0.001403	5579784	3838687	10138.72	1.77E+08

User Input Page

Construction ***Phase 2***

Construction Start Year 2023

User User Needs to paste 3 tables from Caleemod output

These tables are in Section 3.0 Construction Detail

1. Construction Phase
2. Trips and VMT ='USER INPUT'!'USER INPUT'ID:DD59
3. Offroad Equipment

In section **3.0 Construction Detail from CalEEMod output,** paste three tables: the *Construction Phase* , *Trips and VMT* and *Offroad Equipment* tables

Best practice. Save the CalEEMout output as PDF, then, open the PDF in the Adobe App, highlight the tables, right click "copy formatting", then paste below.

See example to the right.

Note that this "copy formatting" function only works in the Adobe app. It does not work if viewing the PDF directly in Chrome or Edge. Download the PDF to your computer, if necessary.

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start	End	Days/Week	Num Days
1	Demolition	Demolition	8/1/2030	11/6/2030	5	70
2	Site Preparation	Site Preparation	11/7/2030	1/1/2031	5	40
3	Grading	Grading	1/2/2031	6/4/2031	5	110
4	Building Construction	Building Construction	6/5/2031	9/5/2035	5	1110
5	Paving	Paving	9/6/2035	12/19/2035	5	75
6	Architectural Coating	Architectural Coating	12/20/2035	4/2/2036	5	75

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	739.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	20	659.00	231.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	18	45.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	132.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	4	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backh	4	8.00	97	0.37
Building Construction	Cranes	4	7.00	231	0.29
Building Construction	Forklifts	4	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backh	4	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar	4	8.00	9	0.56
Paving	Off-Highway Trucks	4	8.00	402	0.38
Architectural Coating	Air Compressors	4	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	4	6.00	78	0.48

Energy Calculations Summary Page

Construction ***Phase 2***

Phase Name	Gas (gal)	Diesel (gal)
Offroad		248,383
Trucks		98,889
Worker Commute	399,440	
Total	**399,440**	**347,272**

Construction Offroad Calculations *Phase 2*

Nothing for the user to do here.

This tab calculates fuel consumption from offroad equipment and schedule input in the USER INPUT tab

Fuel consumption calculated from OFFROAD based on fuel consumption divided by horsepower hours to generate an average for all epuipment output

Total = 248,383

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Days	total hp-hrs	Gallons per hp-hr	Gallons
Demolition	Concrete/Industrial Saws	1	8	81	0.73	70	33112.8	0.027	910
Demolition	Excavators	3	8	158	0.38	70	100867.2	0.027	2,773
Demolition	Rubber Tired Dozers	2	8	247	0.4	70	110656	0.027	3,042
Site Preparation	Rubber Tired Dozers	3	8	247	0.4	40	94848	0.027	2,607
Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	40	45939.2	0.027	1,263
Grading	Excavators	4	8	158	0.38	110	211340.8	0.027	5,809
Grading	Graders	4	8	187	0.41	110	269878.4	0.027	7,418
Grading	Rubber Tired Dozers	2	8	247	0.4	110	173888	0.027	4,780
Grading	Scrapers	2	8	367	0.48	110	310041.6	0.027	8,522
Grading	Tractors/Loaders/Backhoes	4	8	97	0.37	110	126332.8	0.027	3,472
Building Construction	Cranes	4	7	231	0.29	1110	2082049	0.027	57,229
Building Construction	Forklifts	4	8	89	0.2	1110	632256	0.027	17,379
Building Construction	Generator Sets	4	8	84	0.74	1110	2207923	0.027	60,689
Building Construction	Tractors/Loaders/Backhoes	4	7	97	0.37	1110	1115461	0.027	30,660
Building Construction	Welders	4	8	46	0.45	1110	735264	0.027	20,210
Paving	Cement and Mortar Mixers	4	8	9	0.56	75	12096	0.027	332
Paving	Off-Highway Trucks	4	8	402	0.38	75	366624	0.027	10,077
Architectural Coating	Air Compressors	4	6	78	0.48	75	67392	0.027	1,852
Paving	Pavers	2	8	130	0.42	75	65520	0.027	1,801
Paving	Paving Equipment	2	8	132	0.36	75	57024	0.027	1,567
Paving	Paving Equipment	4	8	132	0.36	75	114048	0.027	3,135
Paving	Rollers	2	8	80	0.38	75	36480	0.027	1,003
Architectural Coating	Air Compressors	4	6	78	0.48	75	67392	0.027	1,852
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	
1	Demolition	Demolition	8/1/2030	11/6/2030	5	70	
2	Site Preparation	Site Preparation	11/7/2030	1/1/2031	5	40	
3	Grading	Grading	1/2/2031	6/4/2031	5	110	
4	Building Construction	Building Construction	6/5/2031	9/5/2035	5	1110	
5	Paving	Paving	9/6/2035	12/19/2035	5	75	
6	Architectural Coating	Architectural Coating	12/20/2035	4/2/2036	5	75	
0	0	0	1/0/1900	1/0/1900	0	0	
0	0	0	1/0/1900	1/0/1900	0	0	
0	0	0	1/0/1900	1/0/1900	0	0	
0	0	0	1/0/1900	1/0/1900	0	0	
0	0	0	1/0/1900	1/0/1900	0	0	
0	0	0	1/0/1900	1/0/1900	0	0	
0	0	0	1/0/1900	1/0/1900	0	0	
0	0	0	1/0/1900	1/0/1900	0	0	

Construction Mobile Calculations ***Phase 2***

Nothing for the user to do here.

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	0	739	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Grading	16	40	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Building Construction	20	659	231	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Paving	18	45	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	132	0	0	16.8	6.6	20	LD_Mix	HDT_Mix	HHDT
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

Nothing to do here. This Phase Calculates VMT by Type

Phase Name	Worker VMT	Vendor VMT	Haul VMT
Demolition	252	0	14780
Site Preparation	302.4	0	0
Grading	672	0	0
Building Construction	11071.2	1524.6	0
Paving	756	0	0
Architectural Coating	2217.6	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Nothing to do here. This Looks up MPG by type based on the construction year

Phase Name	Year	Worker MPG	Vendor MPG	Haul MPG
Site Preparation	2023	26.16	7.31	5.94
Grading	2023	26.16	7.31	5.94
Building Construction	2023	26.16	7.31	5.94
Paving	2023	26.16	7.31	5.94
Architectural Coating	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94

Nothing to do here. This Phase Calculates Energy from Workers

Phase Name	Total gallons of gasoline	Total gallons of diesel
Demolition	6,591	
Site Preparation	7,910	
Grading	17,577	
Building Construction	289,583	
Paving	19,774	
Architectural Coating	58,004	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
	399,440	

Nothing to do here. This Phase Calculates Energy from Trucks

Phase Name	Total gallons of gasoline	Total gallons of diesel
Site Preparation		87,747
Grading		0
Building Construction		0
Paving		11,142
Architectural Coating		0
0		0
0		0
0		0
0		0
0		0
0		0
0		0
		98,889

User Input Page

orange cells denote cells for user to input data

Phase 3

Operations

User note: If modeling construction only, delete the values in these calls

Annual Project VMT	156,154,300	From Traffic Engineer or CalEEMod output
Project Operational Year	2048	
Annual kWh	0	Provided by CSU-See Energy, GHG, and Project Description Sections of EIR.
Annual kBTU	0	Provided by CSU-See Energy, GHG, and Project Description Sections of EIR.
Daily VMT	427820	

Construction

Construction Start Year	2038

User

User Needs to paste 3 tables from Caleemod output

These tables are in Section 3.0 Construction Detail

1. Construction Phase
2. Trips and VMT ='USER INPUT'!'USER INPUT'!D:DD59
3. Offroad Equipment

In section **3.0 Construction Detail from CalEEMod output,** paste three tables: the *Construction Phase* , *Trips and VMT* and *Offroad Equipment* tables

Best practice. Save the CalEEMout output as PDF, then, open the PDF in the Adobe App, highlight the tables, right click "copy formatting", then paste below.

See example to the right.

Note that this "copy formatting" function only works in the Adobe app. It does not work if viewing the PDF directly in Chrome or Edge. Download the PDF to your computer, if necessary.

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start	End	Days/wek	days/phase
1	Demolition	Demolition	11/1/2038	8/5/2039	5	200
2	Site Preparation	Site Preparation	8/6/2039	1/20/2040	5	120
3	Grading	Grading	1/21/2040	3/29/2041	5	310
4	Building Construction	Building Construction	3/30/2041	2/14/2045	5	1012
5	Paving	Paving	2/15/2045	8/14/2045	5	129
6	Architectural Coating	Architectural Coating	8/15/2045	4/14/2046	5	174

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	10	25.00	0.00	21,123.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	22	1,661.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	24	60.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	332.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	4	8.00	158	0.38
Demolition	Rubber Tired Dozers	4	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	6	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	8	8.00	97	0.37
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backh	4	8.00	97	0.37
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	4	8.00	84	0.74
Building Construction	Tractors/Loaders/Backh	6	7.00	97	0.37
Building Construction	Welders	4	8.00	46	0.45
Paving	Cement and Mortar	4		9	0.56
Paving	Off-Highway Trucks	4		402	0.38
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Paving	Surfacing Equipment	4		263	0.30
Architectural Coating	Air Compressors	4	6.00	78	0.48

Energy Calculations Summary Page

Phase 3

Operations

Source	Gas (gal)	Diesel (gal)	Kwh	kBTU
Mobile Sources	4,650,377,652	133,555,869		
Electricity			0	
Natural Gas				0

Construction

Phase Name	Gas (gal)	Diesel (gal)
Offroad		338,884
Trucks		3,111,675
Worker Commute	761,452	
Total	**761,452**	**3,450,559**

Operational VMT and VMT Calculations *(Phase 3 and 4)*
Nothing for the user to do here.

Project		Gasoline	Diesel	
	EMFAC VMT Split	91%	9%	automatically populates based on USER INPUT operational year
	EMFAC MPG	32.55	10.06	automatically populates based on USER INPUT operational year

Operational Fleet Average VMT by Year

MPG Estimates Statewide

Summary By Year	Gasoline	Diesel
2000	20.48	8.91
2001	20.56	8.95
2002	20.66	9.12
2003	20.58	9.38
2004	20.50	9.48
2005	20.51	9.66
2006	20.49	9.81
2007	20.55	9.67
2008	20.60	9.80
2009	20.48	9.97
2010	20.72	10.05
2011	20.93	10.12
2012	21.23	10.33
2013	21.60	10.47
2014	21.95	10.80
2015	22.39	11.34
2016	22.91	11.34
2017	23.07	10.41
2018	23.35	10.42
2019	23.63	10.49
2020	23.79	10.10
2021	24.24	10.47
2022	24.66	10.50
2023	25.13	10.53
2024	25.66	10.55
2025	26.21	10.56
2026	26.78	10.57
2027	27.31	10.59
2028	27.84	10.61
2029	28.34	10.63
2030	28.81	10.65
2031	29.25	10.65
2032	29.66	10.65
2033	30.04	10.64
2034	30.39	10.62
2035	30.71	10.59
2036	31.00	10.57
2037	31.26	10.54
2038	31.48	10.51
2039	31.68	10.48
2040	31.85	10.44
2041	32.00	10.40
2042	32.12	10.36
2043	32.22	10.31
2044	32.31	10.26
2045	32.38	10.21
2046	32.45	10.16
2047	32.50	10.11
2048	32.55	10.06
2049	32.59	10.01
2050	32.62	9.96

VMT Splits

Summary By Year	totalVMT gasoline	totalVMT diesel	VMT Split % gasoline	VMT Split % diesel
2000	790,569,725	58,598,623	93%	7%
2001	802,436,166	59,007,095	93%	7%
2002	844,210,569	61,514,681	93%	7%
2003	847,274,015	61,876,429	93%	7%
2004	857,481,143	66,327,213	93%	7%
2005	860,127,987	70,218,038	92%	8%
2006	852,083,694	71,594,236	92%	8%
2007	845,004,366	73,322,714	92%	8%
2008	812,241,019	68,627,217	92%	8%
2009	797,008,961	63,067,648	93%	7%
2010	810,811,409	63,366,805	93%	7%
2011	804,350,573	64,173,232	93%	7%
2012	811,086,783	64,129,004	93%	7%
2013	826,309,779	68,250,423	92%	8%
2014	849,259,042	69,475,121	92%	8%
2015	890,538,176	72,169,927	93%	7%
2016	933,019,756	77,388,959	92%	8%
2017	944,977,784	78,148,937	92%	8%
2018	951,710,502	76,913,765	93%	7%
2019	957,366,727	77,489,043	93%	7%
2020	834,808,874	74,881,890	92%	8%
2021	964,789,712	79,146,292	92%	8%
2022	976,705,861	80,381,176	92%	8%
2023	984,882,826	81,507,938	92%	8%
2024	988,211,930	82,285,630	92%	8%
2025	986,742,213	82,805,690	92%	8%
2026	985,383,586	83,223,234	92%	8%
2027	985,988,145	83,479,203	92%	8%
2028	986,464,300	83,525,021	92%	8%
2029	986,788,992	83,385,591	92%	8%
2030	986,945,069	83,056,653	92%	8%
2031	987,159,935	83,068,604	92%	8%
2032	987,553,909	83,013,889	92%	8%
2033	988,047,947	82,970,127	92%	8%
2034	988,629,581	82,945,913	92%	8%
2035	989,307,855	82,889,772	92%	8%
2036	990,148,660	82,866,921	92%	8%
2037	991,147,622	82,988,219	92%	8%
2038	992,223,808	83,252,334	92%	8%
2039	993,392,642	83,641,052	92%	8%
2040	994,599,149	84,170,567	92%	8%
2041	995,834,576	84,835,202	92%	8%
2042	997,074,815	85,631,189	92%	8%
2043	998,274,892	86,572,011	92%	8%
2044	999,408,685	87,635,111	92%	8%
2045	1,000,487,591	88,855,764	92%	8%
2046	1,001,498,195	90,193,668	92%	8%
2047	1,002,423,063	91,654,509	92%	8%
2048	1,003,283,622	93,228,110	91%	9%
2049	1,004,072,442	94,914,758	91%	9%
2050	1,004,809,254	96,705,261	91%	9%

EMFAC OUTPUT
Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Consumption	Fuel Consumption	Gasoline Gallons	Gasoline MPG	Diesel Gallons	Diesel MPG	Natural Gas Gallons	Natural Gas MPG	EV kwh	EV kwh/mi	vmt col	VMT % (% of annual VMT by fuel)	Weighted MPG Gasoline	Weighted MPG Diesel
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Gasoline	7275.921026	471942.7	471942.7	0	145576.6	0	145.4735183	145474	3.24							2	0.060%	0.001936665	
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Diesel	178113.0448	34780710	34780710	0	2615210	0	6239.853258			6239853	5.57					3	59.354%		3.3083778
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Natural Gas	22.94925313	2260.788	2260.788	0	105.5666	0	0.85785499					858	2.64				#REF!		
Statewide Totals	2000	LDA	Aggregate	Aggregate	Gasoline	12975810.26	4.72E+08	4.72E+08	0	60588685	0	20516.22951	20516230	22.99							2	59.655%	13.71297876	
Statewide Totals	2000	LDA	Aggregate	Aggregate	Diesel	105932.5717	2646169	2646169	0	444172.4	0	94.31463187			94315	28.06					3	4.516%		1.2669772
Statewide Totals	2000	LDA	Aggregate	Aggregate	Electricity	1057.529425	28851.5	0	28851.5	5012.231	11139.06	0										#REF!		
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Gasoline	2319618.59	78517211	78517211	0	10534754	0	3922.369487	3922369	20.02							2	9.932%	1.988112945	
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Diesel	7655.172424	204196.6	204196.6	0	32394.38	0	8.64167526			8642	23.63					3	0.348%		0.0823402
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Electricity	481.9064509	13223.03	0	13223.03	2288.093	5105.182	0										#REF!		
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Gasoline	3662790.05	1.4E+08	1.4E+08	0	17446453	0	8279.710588	8279711	16.87							2	17.666%	2.980023511	
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Diesel	536.8301848	14153.84	14153.84	0	2256.528	0	0.698870962			699	20.25					3	0.024%		0.0048917
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Gasoline	455853.4916	18224522	18224522	0	6791538	0	2082.764748	2082765	8.75							2	2.305%	0.20171208	
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Diesel	156454.2352	6667507	6667507	0	1967997	0	380.4585904			380459	17.52					3	11.378%		1.9940321
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Gasoline	64264.62283	2461595	2461595	0	957447.1	0	320.206451	320206	7.69							2	0.311%	0.023936636	
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Diesel	45991.92266	1895769	1895769	0	578520.5	0	118.3525148			118353	16.02					3	3.235%		0.5182101
Statewide Totals	2000	MCY	Aggregate	Aggregate	Gasoline	312832.7026	1787569	1787569	0	625665.4	0	51.56949437	51569	34.66							2	0.226%	0.078377733	
Statewide Totals	2000	MDV	Aggregate	Aggregate	Gasoline	1845955.524	71542759	71542759	0	8879033	0	4435.914031	4435914	16.13							2	9.050%	1.459513346	
Statewide Totals	2000	MDV	Aggregate	Aggregate	Diesel	10715.36208	266653.4	266653.4	0	44876.72	0	14.66853136			14669	18.18					3	0.455%		0.0827219
Statewide Totals	2000	MH	Aggregate	Aggregate	Gasoline	249175.8919	2102256	2102256	0	24927.56	0	469.1749283	469175	4.48							2	0.266%	0.011915059	
Statewide Totals	2000	MH	Aggregate	Aggregate	Diesel	11010.34186	129992.5	129992.5	0	1101.034	0	13.51891462			13519	9.62					3	0.222%		0.0213308
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Gasoline	85582.35581	3476502	3476502	0	1712332	0	796.2936717	796294	4.37							2	0.440%	0.019198685	
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Diesel	168694.7958	10002589	10002589	0	2030696	0	1211.810645			1211811	8.25					3	17.070%		1.4089729
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Gasoline	8661.918259	445070.9	445070.9	0	173307.7	0	97.01901794	97019	4.59							2	0.056%	0.002582625	
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Diesel	7325.669454	652076.7	652076.7	0	101407.5	0	94.34099726			94341	6.91					3	1.113%		0.0769147
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Gasoline	4474.214661	224020.2	224020.2	0	17896.86	0	26.46185146	26462	8.47							2	0.028%	0.002398909	
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Diesel	16459.29659	464026.3	464026.3	0	238330.6	0	60.72644687			60726	7.64					3	0.792%		0.060509
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Gasoline	562.0348842	39387.96	39387.96	0	2248.14	0	7.568279888	7568	5.20							2	0.005%	0.000259292	
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Diesel	7610.327139	874779.9	874779.9	0	30441.31	0	161.2887856			161289	5.42					3	1.493%		0.0809666
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Electricity	25.02486219	767.2591	0	767.2591	100.0994	1563.274	0										#REF!		
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Natural Gas	1861.630893	199171.5	199171.5	0	7414.524	0	45.91428276					45914	4.34				#REF!		
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Gasoline	6623.875603	407826.2	407826.2	0	132530.5	0	125.1979102	125198	3.26							2	0.051%	0.001655551	
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Diesel	180027.9291	34720083	34720083	0	2597929	0	6194.080586			6194081	5.61					3	58.841%		3.2982262
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Natural Gas	44.68943166	4316.773	4316.773	0	205.5714	0	1.675762304					1676	2.58				#REF!		
Statewide Totals	2001	LDA	Aggregate	Aggregate	Gasoline	13308544.39	4.7E+08	4.7E+08	0	62270350	0	20261.99873	20261999	23.21							2	58.602%	13.60035617	
Statewide Totals	2001	LDA	Aggregate	Aggregate	Diesel	98459.00154	2309417	2309417	0	409225.5	0	81.64329255			81643	28.29					3	3.914%		1.1070824
Statewide Totals	2001	LDA	Aggregate	Aggregate	Electricity	1206.08235	32532.36	0	32532.36	5766.173	12560.18	0										#REF!		
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Gasoline	2278707.907	74688563	74688563	0	10357793	0	3717.996433	3717996	20.09							2	9.308%	1.869772393	
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Diesel	6959.048246	174638.9	174638.9	0	29126.52	0	7.432918466			7433	23.50					3	0.296%		0.0695374
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Electricity	517.9010207	13678.35	0	13678.35	2458.132	5280.972	0										#REF!		
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Gasoline	3920021.363	1.45E+08	1.45E+08	0	18709138	0	8536.151496	8536151	16.98							2	18.063%	3.067176625	
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Diesel	512.1678897	13351.04	13351.04	0	2157.592	0	0.64484106			645	20.70					3	0.023%		0.0046846
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Gasoline	492415.3365	19024879	19024879	0	7336255	0	2168.119325	2168119	8.77							2	2.371%	0.208041565	
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Diesel	178121.1574	7496567	7496567	0	2240540	0	427.8634141			427863	17.52					3	12.705%		2.2259502
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Gasoline	66390.19264	2445773	2445773	0	989114.9	0	317.3396642	317340	7.71							2	0.305%	0.023490773	
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Diesel	49581.1788	1981616	1981616	0	623668.9	0	123.9554172			123955	15.99					3	3.358%		0.5368701
Statewide Totals	2001	MCY	Aggregate	Aggregate	Gasoline	382978.1482	2460010	2460010	0	765956.3	0	69.6660612	69666	35.31							2	0.307%	0.108253502	
Statewide Totals	2001	MDV	Aggregate	Aggregate	Gasoline	2175318.973	82297944	82297944	0	10505898	0	5116.570485	5116570	16.08							2	10.256%	1.649637481	
Statewide Totals	2001	MDV	Aggregate	Aggregate	Diesel	9878.163153	229909	229909	0	40893.13	0	12.61843179			12618	18.22					3	0.390%		0.0709909
Statewide Totals	2001	MH	Aggregate	Aggregate	Gasoline	241621.023	1967863	1967863	0	24171.77	0	437.9176269	437918	4.49							2	0.245%	0.011020129	
Statewide Totals	2001	MH	Aggregate	Aggregate	Diesel	12779.60391	147756.8	147756.8	0	1277.96	0	15.32373252			15324	9.64					3	0.250%		0.0241449
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Gasoline	81793.4982	3226150	3226150	0	1636524	0	735.9756044	735976	4.38							2	0.402%	0.017623623	
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Diesel	183194.0675	9985419	9985419	0	2209555	0	1209.465451			1209465	8.26					3	16.922%		1.3971238
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Gasoline	9376.587574	485546.8	485546.8	0	187606.8	0	105.5545486	105555	4.60							2	0.061%	0.002783394	
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Diesel	8139.148333	650961.5	650961.5	0	114338.5	0	94.4701808			94470	6.89					3	1.103%		0.0760172
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Gasoline	4257.865047	205602.7	205602.7	0	17031.46	0	24.38318419	24383	8.43							2	0.026%	0.002160512	
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Diesel	16459.21507	463206	463206	0	238329.4	0	60.47997024			60480	7.66					3	0.785%		0.0601219
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Gasoline	493.3062101	38065.76	38065.76	0	1973.225	0	7.25230286	7252	5.25							2	0.005%	0.00024899	
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Diesel	7829.577204	834169.9	834169.9	0	31318.31	0	152.2781125			152278	5.48					3	1.414%		0.0774403
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Electricity	34.31405382	986.8338	0	986.8338	137.2562	2007.697	0										#REF!		
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Natural Gas	2425.005058	264093.8	264093.8	0	9700.02	0	61.61792135					61618	4.29				#REF!		
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Gasoline	5817.392522	382891.1	382891.1	0	116394.4	0	116.733547	116734	3.28							2	0.045%	0.001487662	
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Diesel	174735.4263	35500867	35500867	0	2547079	0	6314.643801			6314644	5.62					3	57.711%		3.2445188
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Natural Gas	184.8037355	17254.84	17254.84	0	850.0972	0	6.84130271					6841	2.52				#REF!		
Statewide Totals	2002	LDA	Aggregate	Aggregate	Gasoline	13337653.68	4.9E+08	4.9E+08	0	62474621	0	20891.40003	20891400	23.44							2	58.015%	13.60078746	
Statewide Totals	2002	LDA	Aggregate	Aggregate	Diesel	91859.46349	2213249	2213249	0	380198.5	0	77.05878306			77059	28.72					3	3.598%		1.0333793
Statewide Totals	2002	LDA	Aggregate	Aggregate	Electricity	4877.048085	159631	0	159631	24685.49	61630.73	0										#REF!		
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Gasoline	2148790.296	73247239	73247239	0	9780555	0	3623.053452	3623053	20.22							2	8.676%	1.754110659	
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Diesel	6305.646741	163328	163328	0	26274.88	0	7.073262123			7073	23.09					3	0.266%		0.0613088
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Electricity	1147.095885	34539.92	0	34539.92	5644.104	13335.26	0										#REF!		
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Gasoline	3918885.908	1.49E+08	1.49E+08	0	18684596	0	8741.187482	8741187	17.09							2	17.694%	3.023594709	
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Diesel	451.8937377	11878.69	11878.69	0	1885.584	0	0.569996527			570	20.84					3	0.019%		0.0040243
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Gasoline	522118.6889	21004483	21004483	0	7778791	0	2386.512843	2386513	8.80							2	2.488%	0.218982519	
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Diesel	200223.5543	8870250	8870250	0	2518560	0	505.9958934			505996	17.53					3	14.420%		2.5278189
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Gasoline	65154.9887	2546235	2546235	0	970712.3	0	328.0090006	328009	7.76							2	0.302%	0.023413187	
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Diesel	52321.03153	2177789	2177789	0	658132.8	0	136.3295035			136330	15.97					3	3.540%		0.5655395
Statewide Totals	2002	MCY	Aggregate	Aggregate	Gasoline	416160.2973	2841546	2841546	0	832320.6	0	79.81252403	79813	35.60							2	0.337%	0.119836058	
Statewide Totals	2002	MDV	Aggregate	Aggregate	Gasoline	2503500.182	99070972	99070972	0	12135511	0	6163.466285	6163466	16.07							2	11.735%	1.886327254	
Statewide Totals	2002	MDV	Aggregate	Aggregate	Diesel	9664.43135	235730.7	235730.7	0	39962.05	0	12.74415476			12744	18.50					3	0.383%		0.0708831
Statewide Totals	2002	MH	Aggregate	Aggregate	Gasoline	227051.5476	1913801	1913801	0	22714.24	0	424.4717251	424472	4.51							2	0.227%	0.010221015	
Statewide Totals	2002	MH	Aggregate	Aggregate	Diesel	14200.70875	172641	172641	0	1420.071	0	17.86207385			17862	9.67					3	0.281%		0.0271255
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Gasoline	76122.41799	3188784	3188784	0	1523057	0	722.089313	722089	4.42							2	0.378%	0.016680476	
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Diesel	176957.6734	10213234	10213234	0	2108494	0	1231.671747			1231672	8.29					3	16.603%		1.3767427
Statewide Totals	2002	OBUS	Aggregate	Aggregate	Gasoline	10751.76767	613600.9	613600.9	0	215121.4	0	132.6388329	132639	4.63							2	0.073%	0.003362409	
Statewide Totals	2002	OBUS	Aggregate	Aggregate	Diesel	9859.364419	665936.5	665936.5	0	123915.5	0	95.77476654			95775	6.95					3	1.083%		0.0752724
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Gasoline	4120.083913	203794.9	203794.9	0	16480.34	0	24.18885215	24189	8.43							2	0.024%	0.002033858	
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Diesel	16459.23082	473799.1	473799.1	0	238329.7	0	61.59923693			61599	7.69					3	0.770%		0.0592426
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Gasoline	603.2842546	55234.29	55234.29	0	2413.137	0	11.16064462	11161	4.95							2	0.007%	0.0003238	
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Diesel	7222.407735	815977.6	815977.6	0	28889.63	0	149.1937287			149194	5.47					3	1.326%		0.0725483
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Electricity	36.34456103	1210.081	0	1210.081	145.3782	2444.231	0										#REF!		
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Natural Gas	2980.782968	368294.7	368294.7	0	11923.13	0	87.69100593					87691	4.20				#REF!		
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Gasoline	5777.527727	363697.4	363697.4	0	115596.8	0	110.6013832	110601	3.29							2	0.043%	0.001411549	
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Diesel	197939.0722	34527310	34527310	0	2825932	0	6149.852288			6149852	5.61					3	55.800%		3.1328208
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Natural Gas	249.5934994	20580.75	20580.75	0	1148.13	0	8.117283111					8117	2.54				#REF!		
Statewide Totals	2003	LDA	Aggregate	Aggregate	Gasoline	13289987.44	4.76E+08	4.76E+08	0	62230479	0	20188.22173	20188222	23.56							2	56.143%	13.22848573	
Statewide Totals	2003	LDA	Aggregate	Aggregate	Diesel	87016.24396	2046951	2046951	0	359391.1	0	70.00238564			70002	29.24					3	3.308%		0.9673346
Statewide Totals	2003	LDA	Aggregate	Aggregate	Electricity	11625.39477	372979.3	0	372979.3	59050.27	144000.8	0										#REF!		
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Gasoline	2113483.179	69150105	69150105	0	9563720	0	3422.429503	3422430	20.20							2	8.161%	1.649025211	
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Diesel	6105.639922	151046.6	151046.6	0	25181.53	0	6.575759503			6576	22.97					3	0.244%		0.0560726
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Electricity	1431.451036	41386.73	0	41386.73	7007.687	15978.69	0										#REF!		
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Gasoline	4205849.42	1.56E+08	1.56E+08	0	20045006	0	9098.822347	9098822	17.16							2	18.423%	3.160541983	
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Diesel	454.4635689	11407.08	11407.08	0	1876.335	0	0.545448328			545	20.91					3	0.018%		0.0038554
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Gasoline	578816.2666	22781595	22781595	0	8623500	0	2581.299517	2581300	8.83							2	2.689%	0.237304486	
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Diesel	239705.9506	10498692	10498692	0	3015199	0	597.9500679			597950	17.56					3	16.967%		2.9790667
Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Gasoline	68228.90035	2579278	2579278	0	1016509	0	331.0470026	331047	7.79							2	0.304%	0.023718255	
Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Diesel	58854.67087	2383111	2383111	0	740317.7	0	149.2331463			149233	15.97					3	3.851%		0.6150326
Statewide Totals	2003	MCY	Aggregate	Aggregate	Gasoline	450619.0104	3061169	3061169	0	901238	0	85.88945978	85889	35.64							2	0.361%	0.128768834	
Statewide Totals	2003	MDV	Aggregate	Aggregate	Gasoline	2891782.715	1.12E+08	1.12E+08	0	14024281	0	6955.420666	6955421	16.05							2	13.175%	2.114369121	
Statewide Totals	2003	MDV	Aggregate	Aggregate	Diesel	8920.203089	205636	205636	0	36433.82	0	11.09299046			11093	18.54					3	0.332%		0.0616062
Statewide Totals	2003	MH	Aggregate	Aggregate	Gasoline	224465.105	1856844	1856844	0	22455.49	0	410.6017166	410602	4.52							2	0.219%	0.009910744	
Statewide Totals	2003	MH	Aggregate	Aggregate	Diesel	17289.1494	207174.2	207174.2	0	1728.915	0	21.3514922			21351	9.70					3	0.335%		0.0324876
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Gasoline	78465.16686	3199911	3199911	0	1569931	0	723.0661714	723066	4.43							2	0.378%	0.016713745	
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Diesel	206041.1658	9934237	9934237	0	2448737	0	1203.311066			1203311	8.26					3	16.055%		1.3254576
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Gasoline	11072.57872	620553.3	620553.3	0	221540.2	0	133.9755183	133976	4.63							2	0.073%	0.003392414	
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Diesel	9140.014804	647743.9	647743.9	0	113185.8	0	92.87397888			92874	6.97					3	1.047%		0.0730108
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Gasoline	4338.854785	207877.9	207877.9	0	17355.42	0	24.6979033	24698	8.42							2	0.025%	0.002065059	
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Diesel	16458.96252	460818.6	460818.6	0	238325.8	0	59.87862046			59879	7.70					3	0.745%		0.0573143
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Gasoline	598.2115969	52382.43	52382.43	0	2392.846	0	10.46909559	10469	5.00							2	0.006%	0.000309342	
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Diesel	7371.129449	802302.5	802302.5	0	29484.52	0	144.7566615			144757	5.54					3	1.297%		0.0718642
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Electricity	34.62831988	1080.683	0	1080.683	138.5133	2193.564	0										#REF!		
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Natural Gas	3246.0186	426714.5	426714.5	0	12984.07	0	101.2500269					101250	4.21				#REF!		
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Gasoline	5818.293861	452435	452435	0	116412.4	0	133.4851362	133485	3.39							2	0.053%	0.00178836	
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Diesel	206852.9012	36874324	36874324	0	2992787	0	6564.936667			6564937	5.62					3	55.595%		3.1226683
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Natural Gas	295.5181664	25983.71	25983.71	0	1359.384	0	10.17315967					10173	2.55				#REF!		
Statewide Totals	2004	LDA	Aggregate	Aggregate	Gasoline	13615726.33	4.75E+08	4.75E+08	0	63711787	0	20162.35985	20162360	23.55							2	55.383%	13.04452813	
Statewide Totals	2004	LDA	Aggregate	Aggregate	Diesel	83595.52635	1894903	1894903	0	343401.1	0	63.99617222			63996	29.61					3	2.857%		0.8459179
Statewide Totals	2004	LDA	Aggregate	Aggregate	Electricity	9437.108137	284745.9	0	284745.9	47365.81	109935.4	0										#REF!		
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Gasoline	2016966.816	63407313	63407313	0	9072282	0	3142.454857	3142455	20.18							2	7.395%	1.492055836	
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Diesel	5953.364015	143742.4	143742.4	0	24445.31	0	6.354023474			6354	22.62					3	0.217%		0.0490263
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Electricity	1417.124089	38509.14	0	38509.14	6854.584	14867.71	0										#REF!		
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Gasoline	4427127.291	1.6E+08	1.6E+08	0	21093497	0	9263.983011	9263983	17.30							2	18.690%	3.233422571	
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Diesel	390.4778235	9447.348	9447.348	0	1602.857	0	0.448920884			449	21.04					3	0.014%		0.0029975
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Gasoline	607165.4915	23030737	23030737	0	9045861	0	2604.999758	2605000	8.84							2	2.686%	0.237456147	
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Diesel	276406.6171	11937413	11937413	0	3476848	0	659.9262411			659926	18.09					3	17.998%		3.2556169
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Gasoline	70691.27755	2682148	2682148	0	1053195	0	342.4712868	342471	7.83							2	0.313%	0.024497222	
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Diesel	62756.81957	2495419	2495419	0	789401.8	0	158.1246527			158125	15.78					3	3.762%		0.5937391
Statewide Totals	2004	MCY	Aggregate	Aggregate	Gasoline	484767.6844	3159800	3159800	0	969535.4	0	89.10795661	89108	35.46							2	0.368%	0.1306707	
Statewide Totals	2004	MDV	Aggregate	Aggregate	Gasoline	3283878.961	1.24E+08	1.24E+08	0	15928992	0	7754.460891	7754461	15.95							2	14.424%	2.30050111	
Statewide Totals	2004	MDV	Aggregate	Aggregate	Diesel	8946.07291	207853.3	207853.3	0	36680.17	0	11.16552148			11166	18.62					3	0.313%		0.0583368
Statewide Totals	2004	MH	Aggregate	Aggregate	Gasoline	218037.6339	1793127	1793127	0	21812.48	0	394.8717303	394872	4.54							2	0.209%	0.009496022	
Statewide Totals	2004	MH	Aggregate	Aggregate	Diesel	20131.82396	239702	239702	0	2013.182	0	24.60548615			24605	9.74					3	0.361%		0.0352062
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Gasoline	77286.97244	3196701	3196701	0	1546358	0	718.0344714	718034	4.45							2	0.373%	0.01659717	
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Diesel	219426.4177	10610216	10610216	0	2616773	0	1282.324121			1282324	8.27					3	15.997%		1.3236065
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Gasoline	11980.39026	660340.5	660340.5	0	239703.6	0	142.1312857	142131	4.65							2	0.077%	0.003577845	
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Diesel	9397.58776	691799.6	691799.6	0	117803.2	0	98.97882351			98979	6.99					3	1.043%		0.0728998
Statewide Totals	2004	SBUS	Aggregate	Aggregate	Gasoline	4348.925511	202877	202877	0	17395.7	0	24.09978947	24100	8.42							2	0.024%	0.001991717	
Statewide Totals	2004	SBUS	Aggregate	Aggregate	Diesel	16459.29757	492190.5	492190.5	0	238330.6	0	63.62547407			63625	7.74					3	0.742%		0.0574042

Statewide Totals	2004	UBUS	Aggregate	Aggregate	Gasoline	602.6842655
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Diesel	6995.205115
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Electricity	25.63834964
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Natural Gas	3594.274352
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Gasoline	4808.775436
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Diesel	217552.3933
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Natural Gas	420.8384408
Statewide Totals	2005	LDA	Aggregate	Aggregate	Gasoline	13394010.81
Statewide Totals	2005	LDA	Aggregate	Aggregate	Diesel	74345.26436
Statewide Totals	2005	LDA	Aggregate	Aggregate	Electricity	8238.327886
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Gasoline	1930842.958
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Diesel	5228.778812
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Electricity	1328.512746
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Gasoline	4491068.049
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Diesel	445.265376
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Gasoline	620510.6796
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Diesel	315560.922
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Gasoline	69375.39075
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Diesel	73098.10725
Statewide Totals	2005	MCY	Aggregate	Aggregate	Gasoline	521242.1926
Statewide Totals	2005	MDV	Aggregate	Aggregate	Gasoline	3595368.169
Statewide Totals	2005	MDV	Aggregate	Aggregate	Diesel	7291.74639
Statewide Totals	2005	MH	Aggregate	Aggregate	Gasoline	207866.7692
Statewide Totals	2005	MH	Aggregate	Aggregate	Diesel	22902.04103
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Gasoline	72554.07447
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Diesel	235520.7726
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Gasoline	12838.14134
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Diesel	9192.610907
Statewide Totals	2005	SBUS	Aggregate	Aggregate	Gasoline	4142.529447
Statewide Totals	2005	SBUS	Aggregate	Aggregate	Diesel	16459.09214
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Gasoline	642.3214092
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Diesel	6459.214575
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Electricity	29.72736383
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Natural Gas	4279.728837
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Gasoline	4608.995786
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Diesel	236178.9205
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Natural Gas	656.5399957
Statewide Totals	2006	LDA	Aggregate	Aggregate	Gasoline	13511187.35
Statewide Totals	2006	LDA	Aggregate	Aggregate	Diesel	69780.34503
Statewide Totals	2006	LDA	Aggregate	Aggregate	Electricity	8755.427747
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Gasoline	1884731.636
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Diesel	4974.918546
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Electricity	1367.354221
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Gasoline	4533327.192
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Diesel	429.9576547
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Gasoline	646163.8488
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Diesel	347543.0417
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Gasoline	73438.77369
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Diesel	86133.45808
Statewide Totals	2006	MCY	Aggregate	Aggregate	Gasoline	577961.5087
Statewide Totals	2006	MDV	Aggregate	Aggregate	Gasoline	3877141.837
Statewide Totals	2006	MDV	Aggregate	Aggregate	Diesel	6557.104519
Statewide Totals	2006	MH	Aggregate	Aggregate	Gasoline	199565.1284
Statewide Totals	2006	MH	Aggregate	Aggregate	Diesel	26197.30223
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Gasoline	70568.01475
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Diesel	255032.1938
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Gasoline	15108.29969
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Diesel	10617.57371
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Gasoline	4208.931983
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Diesel	17292
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Gasoline	735.4611229
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Diesel	6397.436731
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Electricity	24.7913036
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Natural Gas	4734.336005
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Gasoline	4233.961606
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Diesel	239155.339
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Natural Gas	816.3354213
Statewide Totals	2007	LDA	Aggregate	Aggregate	Gasoline	13518233.23
Statewide Totals	2007	LDA	Aggregate	Aggregate	Diesel	65283.12055
Statewide Totals	2007	LDA	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	MCY	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	MDV	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	MDV	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	MH	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	MH	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2008	LDA	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	LDA	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	LDA	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	MCY	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	MDV	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	MDV	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	MH	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	MH	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2009	LDA	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	LDA	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	LDA	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	MCY	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	MDV	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	MDV	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	MH	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	MH	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2010	LDA	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	LDA	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	LDA	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2010	LDA	Aggregate	Aggregate	Plug-in Hybrid	[illegible]
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	MCY	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	MDV	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	MDV	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	MH	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	MH	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2011	LDA	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	LDA	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	LDA	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2011	LDA	Aggregate	Aggregate	Plug-in Hybrid	[illegible]
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Electricity	[illegible]
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	MCY	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	MDV	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	MDV	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	MH	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	MH	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Gasoline	[illegible]
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Diesel	[illegible]
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Natural Gas	[illegible]
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Gasoline	[illegible]

Statewide Totals	2011	OBUS	Aggregate	Aggregate	Diesel	10874.73657	623732.9	623732.9	0	124914.4	0	8.016993	0.47652	0.00846	8.501973	0.308632	0.006261	0	0.314893	0.002063	0.016178	0.333134	0.322587	0.006545	0	0.329131	0.008251	0.046223	0.383605	969.7779	32.74992	0	1002.528	0.030202	0.001796	0	0.031998	0.152104	0.005137	0	0.15724	0.65024	0.038662	0	0.688902	0	0	0	0.688902	0.740249	0.044013	0	0.784263	0	0	0	0.784263	1.854263	0.184613	0	2.038876	0.009142	0.000309	0	0.009451	0.026063	89.15371202			89154	7.00					3	0.972%		0.0679992
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Natural Gas	277.4759135	16715.65	16715.65	0	2469.536	0	0.004123	0.000484	0	0.004607	7.95E-06	8.58E-07	0	8.81E-06	5.53E-05	0.000286	0.00035	8.65E-06	9.33E-07	0	9.58E-06	0.000221	0.000817	0.001048	17.40494	0.369086	0	17.77403	0.009941	0.001469	0	0.01141	0.003579	7.59E-05	0	0.003655	0.000142	2.1E-05	0	0.000163	0	0	0	0.000163	0.010146	0.001499	0	0.011645	0	0	0	0.011645	0.05109	0.001495	0	0.052585	0	0	0	0	0.019531	2.0721443					2072	8.07				#REF!		
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Gasoline	4476.262422	207234.9	207234.9	0	17905.05	0	0.53082	0.00433	0.011408	0.546558	0.001992	0	8.63E-05	0.002078	0.000457	0.003648	0.006183	0.002122	0	9.17E-05	0.002214	0.001827	0.010422	0.014463	216.1105	13.40909	1.548763	231.0684	0.044972	0.009955	0.003563	0.058489	0.022077	0.00029	0.000755	0.023122	0.314134	0.050674	0.026478	0.391287	0.033874	0.015656	0.028958	0.469775	0.391899	0.071203	0.028831	0.491933	0.033874	0.015656	0.028958	0.570422	7.847658	0.383867	0.325875	8.5574	0.00214	0.000133	1.53E-05	0.002288	0.008623	24.4010275	24401	8.49							2	0.026%	0.002188126	
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Diesel	20124.68305	435282.9	435282.9	0	291405.4	0	5.040534	0.796122	0.012695	5.84935	0.198212	0.011866	0	0.210078	0.001439	0.007652	0.21917	0.207174	0.012403	0	0.219577	0.005758	0.021862	0.247197	588.7667	50.67184	0	639.4386	0.018397	0.001719	0	0.020115	0.092344	0.007948	0	0.100292	0.396077	0.036999	0	0.433076	0	0	0	0.433076	0.450903	0.042121	0	0.493024	0	0	0	0.493024	1.001917	0.267275	0	1.269192	0.00555	0.000478	0	0.006028	0.016232	56.8645775			56865	7.65					3	0.678%		0.0519215
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Natural Gas	952.3169499	20271.27	20271.27	0	13789.55	0	0.023091	0.005616	0	0.028707	8.78E-05	9.95E-06	0	9.77E-05	6.7E-05	0.000362	0.000527	9.55E-05	1.08E-05	0	0.000106	0.000268	0.001036	0.00141	38.19311	4.280096	0	42.4732	0.110636	0.017035	0	0.127672	0.007853	0.00088	0	0.008733	0.001581	0.000243	0	0.001824	0	0	0	0.001824	0.112913	0.017386	0	0.130298	0	0	0	0.130298	0.399432	0.017338	0	0.41677	0	0	0	0	0.023686	4.951640375					4952	4.09				#REF!		
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Gasoline	1931.171208	180432	180432	0	7724.685	0	0.045014	0	0.008234	0.053248	5.99E-05	0	1.54E-06	6.15E-05	0.000534	0.00724	0.007836	6.52E-05	0	1.68E-06	6.68E-05	0.002136	0.020686	0.022889	349.8123	0	0.834868	350.6472	0.001187	0	0.000996	0.002183	0.003798	0	0.000759	0.004557	0.004303	0	0.004318	0.008621	0.001661	0.000462	0.001003	0.011746	0.006278	0	0.004728	0.011006	0.001661	0.000462	0.001003	0.014132	0.088857	0	0.074608	0.163466	0.003463	0	8.27E-06	0.003472	0.00895	37.02865593	37029	4.87							2	0.022%	0.00109306	
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Diesel	4518.253121	440374.7	440374.7	0	18073.01	0	6.956285	0	0	6.956285	0.007937	0	0	0.007937	0.003809	0.018607	0.030353	0.008296	0	0	0.008296	0.015236	0.053162	0.076694	833.4853	0	0	833.4853	0.003403	0	0	0.003403	0.130727	0	0	0.130727	0.073259	0	0	0.073259	0	0	0	0.073259	0.0834	0	0	0.0834	0	0	0	0.0834	0.428694	0	0	0.428694	0.007862	0	0	0.007862	0.01433	74.12094292			74121	5.94					3	0.686%		0.0407709
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Electricity	35.44616379	761.3825	0	761.3825	141.7847	1582.024	0	0	0	0	0	0	0	0	2.12E-07	1.16E-06	1.38E-06	0	0	0	0	8.49E-07	3.33E-06	4.18E-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										#REF!		
[illegible]																																																																											

Statewide Totals	2017	UBUS	Aggregate	Aggregate	Gasoline	2798.583051	241668.4	241668.4	0	11194.33	0	0.046994	0	0.010935
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Diesel	3981.042469	400479.9	400479.9	0	15924.17	0	2.716466	0	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Electricity	95.99695539	5140.267	0	5140.267	383.9878	10091.08	0	0	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Natural Gas	7228.344504	806282.3	806282.3	0	28913.38	0	2.806705	0	0
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Gasoline	572.9555857	19463.63	19463.63	0	11463.7	0	0.249413	0	0.008422
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Diesel	283895.5888	39174308	39174308	0	4484968	0	220.3201	25.63125	7.692249
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Natural Gas	10970.98666	812391.1	812391.1	0	80762.12	0	1.812116	0.152639	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	LDA	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	LDA	Aggregate	Aggregate	Electricity									
Statewide Totals	2018	LDA	Aggregate	Aggregate	Plug-in Hybrid									
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Electricity									
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Plug-in Hybrid									
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Electricity									
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Plug-in Hybrid									
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	MCY	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	MDV	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	MDV	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	MDV	Aggregate	Aggregate	Electricity									
Statewide Totals	2018	MDV	Aggregate	Aggregate	Plug-in Hybrid									
Statewide Totals	2018	MH	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	MH	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Natural Gas									
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Natural Gas									
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Natural Gas									
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Gasoline									
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Diesel									
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Electricity									

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Statewide Totals	2028 LHDT2	Aggregate	Aggregate	Electricity	5948.165466	357828.5	0	357828.5	78897.01	214340.8	0	0	0		[illegible]
Statewide Totals	2028 MCY	Aggregate	Aggregate	Gasoline	704783.0651	4094242	4094242	0	1409566	0	2.503096	0	0.193243	[illegible]	[illegible]
Statewide Totals	2028 MDV	Aggregate	Aggregate	Gasoline	4224142.86	1.57E+08	1.57E+08	0	19342263	0	12.63228	0	7.33375	[illegible]	[illegible]
Statewide Totals	2028 MDV	Aggregate	Aggregate	Diesel	63525.20037	2327128	2327128	0	291046.5	0	0.155959	0	0	[illegible]	[illegible]
Statewide Totals	2028 MDV	Aggregate	Aggregate	Electricity	91567.26	3134876	0	3134876	459311.1	1210321	0	0	0		[illegible]
Statewide Totals	2028 MDV	Aggregate	Aggregate	Plug-in Hybrid	54425.20385	2427080	1064794	1362287	225048.2	411451.2	0.007778	0	0.028132	[illegible]	[illegible]
Statewide Totals	2028 MH	Aggregate	Aggregate	Gasoline	69735.15226	654125.2	654125.2	0	6976.305	0	0.206225	0	0.003506	[illegible]	[illegible]
Statewide Totals	2028 MH	Aggregate	Aggregate	Diesel	35217.89058	324772	324772	0	3521.789	0	1.376392	0	0	[illegible]	[illegible]
Statewide Totals	2028 MHDT	Aggregate	Aggregate	Gasoline	44664.80815	2404708	2404708	0	893653.5	0	0.683015	0.004028	0.371447	[illegible]	[illegible]
Statewide Totals	2028 MHDT	Aggregate	Aggregate	Diesel	295113.5691	12360648	12360648	0	3537773	0	10.70888	3.522881	6.199732	[illegible]	[illegible]
Statewide Totals	2028 MHDT	Aggregate	Aggregate	Electricity	12311.0606	664300.4	0	664300.4	157511.8	711855.6	0	0	0		[illegible]
Statewide Totals	2028 MHDT	Aggregate	Aggregate	Natural Gas	3793.928259	169239.8	169239.8	0	33370.91	0	0.017297	0.027539	0	[illegible]	[illegible]
Statewide Totals	2028 OBUS	Aggregate	Aggregate	Gasoline	11380.86505	474819.9	474819.9	0	227708.3	0	0.216008	0.000763	0.100814	[illegible]	[illegible]
Statewide Totals	2028 OBUS	Aggregate	Aggregate	Diesel	10984.61747	737222.5	737222.5	0	130504.8	0	1.236014	0.133439	0.22285	[illegible]	[illegible]
Statewide Totals	2028 OBUS	Aggregate	Aggregate	Electricity	256.9620196	21176.59	0	21176.59	5141.296	22901	0	0	0		[illegible]
Statewide Totals	2028 OBUS	Aggregate	Aggregate	Natural Gas	843.5693598	47204.16	47204.16	0	7507.767	0	0.006516	0.001424	0	[illegible]	[illegible]
Statewide Totals	2028 SBUS	Aggregate	Aggregate	Gasoline	6726.772436	355787.2	355787.2	0	26907.09	0	0.195341	0.006517	0.022764	[illegible]	[illegible]
Statewide Totals	2028 SBUS	Aggregate	Aggregate	Diesel	18640.90081	404000.4	404000.4	0	269920.2	0	1.776004	0.449384	0.144208	[illegible]	[illegible]
Statewide Totals	2028 SBUS	Aggregate	Aggregate	Electricity	660.6132413	20180.35	0	20180.35	8253.666	22075.89	0	0	0		[illegible]
Statewide Totals	2028 SBUS	Aggregate	Aggregate	Natural Gas	4926.530882	117659.7	117659.7	0	71336.17	0	0.082063	0.028161	0	[illegible]	[illegible]
Statewide Totals	2028 UBUS	Aggregate	Aggregate	Gasoline	2840.961876	243018.5	243018.5	0	11363.85	0	0.032106	0	0.008186	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Diesel	340889.532	[illegible]
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Electricity	98631.90756	[illegible]
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Gasoline	63310.07888	[illegible]
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Diesel	152384.5709	[illegible]
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Electricity	25288.32239	[illegible]
Statewide Totals	2033	MCY	Aggregate	Aggregate	Gasoline	717651.8412	[illegible]
Statewide Totals	2033	MDV	Aggregate	Aggregate	Gasoline	4297289.032	[illegible]
Statewide Totals	2033	MDV	Aggregate	Aggregate	Diesel	58416.96624	[illegible]
Statewide Totals	2033	MDV	Aggregate	Aggregate	Electricity	161847.737	[illegible]
Statewide Totals	2033	MDV	Aggregate	Aggregate	Plug-in Hybrid	84408.01857	[illegible]
Statewide Totals	2033	MH	Aggregate	Aggregate	Gasoline	57366.8143	[illegible]
Statewide Totals	2033	MH	Aggregate	Aggregate	Diesel	34190.61645	[illegible]
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Gasoline	37931.28352	[illegible]
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Diesel	287220.5613	[illegible]
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Electricity	59647.66556	[illegible]
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Natural Gas	4217.681611	[illegible]
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Gasoline	9343.693625	[illegible]
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Diesel	11565.149	[illegible]
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Electricity	1081.997749	[illegible]
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Natural Gas	920.5295164	[illegible]
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Gasoline	6601.494706	[illegible]
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Diesel	16480.98347	[illegible]
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Electricity	2957.985875	[illegible]
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Natural Gas	5368.54309	[illegible]
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Gasoline	2458.042243	[illegible]
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Diesel	1806.306957	[illegible]
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Electricity	5700.896743	[illegible]
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Natural Gas	5441.576584	[illegible]
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Gasoline	50.36405233	[illegible]
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Diesel	356554.6876	[illegible]
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Electricity	39493.11951	[illegible]
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Natural Gas	21778.8385	[illegible]
Statewide Totals	2034	LDA	Aggregate	Aggregate	Gasoline	12482173.61	[illegible]
Statewide Totals	2034	LDA	Aggregate	Aggregate	Diesel	16029.29466	[illegible]
Statewide Totals	2034	LDA	Aggregate	Aggregate	Electricity	1406153.072	[illegible]
Statewide Totals	2034	LDA	Aggregate	Aggregate	Plug-in Hybrid	542264.7819	[illegible]
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Gasoline	1075761.597	[illegible]
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Diesel	8.915110669	[illegible]
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Electricity	14954.37922	[illegible]
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Plug-in Hybrid	11605.26693	[illegible]
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Gasoline	7156982.634	[illegible]
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Diesel	26510.80429	[illegible]
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Electricity	183289.5499	[illegible]
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Plug-in Hybrid	144072.9685	[illegible]
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Gasoline	454860.5	[illegible]
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Diesel	332965.4527	[illegible]
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Electricity	120194.4738	[illegible]
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Gasoline	61325.90701	[illegible]
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Diesel	150277.54	[illegible]
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Electricity	30819.34503	[illegible]
Statewide Totals	2034	MCY	Aggregate	Aggregate	Gasoline	721047.6514	[illegible]
Statewide Totals	2034	MDV	Aggregate	Aggregate	Gasoline	4314392.917	[illegible]
Statewide Totals	2034	MDV	Aggregate	Aggregate	Diesel	57366.05688	[illegible]
Statewide Totals	2034	MDV	Aggregate	Aggregate	Electricity	174614.2654	[illegible]
Statewide Totals	2034	MDV	Aggregate	Aggregate	Plug-in Hybrid	89686.20003	[illegible]
Statewide Totals	2034	MH	Aggregate	Aggregate	Gasoline	55588.30178	[illegible]
Statewide Totals	2034	MH	Aggregate	Aggregate	Diesel	33935.5168	[illegible]
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Gasoline	36476.8091	[illegible]
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Diesel	282262.5413	[illegible]
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Electricity	72384.87353	[illegible]
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Natural Gas	4224.917551	[illegible]
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Gasoline	8964.914146	[illegible]
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Diesel	11602.36106	[illegible]
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Electricity	1284.868007	[illegible]
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Natural Gas	933.3586374	[illegible]
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Gasoline	6490.807685	[illegible]
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Diesel	15983.09738	[illegible]
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Electricity	3562.131558	[illegible]
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Natural Gas	5404.883128	[illegible]
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Gasoline	2347.636194	[illegible]
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Diesel	1722.094617	[illegible]
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Electricity	6120.746852	[illegible]
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Natural Gas	5319.951521	[illegible]
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Gasoline	48.16486115	[illegible]
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Diesel	359761.8784	[illegible]
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Electricity	45666.71277	[illegible]
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Natural Gas	21666.64476	[illegible]
Statewide Totals	2035	LDA	Aggregate	Aggregate	Gasoline	12476484.09	[illegible]
Statewide Totals	2035	LDA	Aggregate	Aggregate	Diesel	14614.04442	[illegible]
Statewide Totals	2035	LDA	Aggregate	Aggregate	Electricity	1454951.172	[illegible]
Statewide Totals	2035	LDA	Aggregate	Aggregate	Plug-in Hybrid	551388.1178	[illegible]
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Gasoline	1061126.665	[illegible]
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Diesel	9.185790443	[illegible]
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Electricity	16334.67507	[illegible]
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Plug-in Hybrid	12665.24852	[illegible]
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Gasoline	7218592.374	[illegible]
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Diesel	26762.49806	[illegible]
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Electricity	197625.1512	[illegible]
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Plug-in Hybrid	152170.6481	[illegible]
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Gasoline	442479.0198	[illegible]
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Diesel	323800.201	[illegible]
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Electricity	143818.2528	[illegible]
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Gasoline	59228.5941	[illegible]
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Diesel	147523.7188	[illegible]
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Electricity	36878.68746	[illegible]
Statewide Totals	2035	MCY	Aggregate	Aggregate	Gasoline	724797.8383	[illegible]
Statewide Totals	2035	MDV	Aggregate	Aggregate	Gasoline	4332193.239	[illegible]
Statewide Totals	2035	MDV	Aggregate	Aggregate	Diesel	56343.66823	[illegible]
Statewide Totals	2035	MDV	Aggregate	Aggregate	Electricity	186779.9802	[illegible]
Statewide Totals	2035	MDV	Aggregate	Aggregate	Plug-in Hybrid	94682.58988	[illegible]
Statewide Totals	2035	MH	Aggregate	Aggregate	Gasoline	54030.29632	[illegible]
Statewide Totals	2035	MH	Aggregate	Aggregate	Diesel	33674.3575	[illegible]
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Gasoline	34992.31989	[illegible]
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Diesel	276502.0959	[illegible]
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Electricity	85783.79891	[illegible]
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Natural Gas	4215.940315	[illegible]
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Gasoline	8605.215061	[illegible]
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Diesel	11625.81914	[illegible]
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Electricity	1497.318513	[illegible]
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Natural Gas	945.9437357	[illegible]
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Gasoline	6373.341184	[illegible]
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Diesel	15485.35709	[illegible]
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Electricity	4199.787843	[illegible]
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Natural Gas	5421.759946	[illegible]
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Gasoline	2186.90153	[illegible]
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Diesel	1245.46889	[illegible]
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Electricity	8118.576153	[illegible]
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Natural Gas	4062.956645	[illegible]
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Gasoline	46.15882787	[illegible]
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Diesel	362908.1684	[illegible]
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Electricity	51777.23786	[illegible]
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Natural Gas	21501.50733	[illegible]
Statewide Totals	2036	LDA	Aggregate	Aggregate	Gasoline	12477791.4	[illegible]
Statewide Totals	2036	LDA	Aggregate	Aggregate	Diesel	13369.13788	[illegible]
Statewide Totals	2036	LDA	Aggregate	Aggregate	Electricity	1499173.498	[illegible]
Statewide Totals	2036	LDA	Aggregate	Aggregate	Plug-in Hybrid	559265.7784	[illegible]
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Gasoline	1046982.906	[illegible]
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Diesel	8.844372894	[illegible]
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Electricity	17669.55998	[illegible]
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Plug-in Hybrid	13686.50545	[illegible]
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Gasoline	7275368.667	[illegible]
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Diesel	27019.5879	[illegible]
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Electricity	211232.887	[illegible]
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Plug-in Hybrid	159720.0365	[illegible]
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Gasoline	430836.066	[illegible]
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Diesel	314802.5172	[illegible]
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Electricity	167703.9619	[illegible]
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Gasoline	57169.78737	[illegible]
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Diesel	144753.1287	[illegible]
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Electricity	43003.75759	[illegible]
Statewide Totals	2036	MCY	Aggregate	Aggregate	Gasoline	728529.116	[illegible]
Statewide Totals	2036	MDV	Aggregate	Aggregate	Gasoline	4351129.108	[illegible]
Statewide Totals	2036	MDV	Aggregate	Aggregate	Diesel	55369.92991	[illegible]
Statewide Totals	2036	MDV	Aggregate	Aggregate	Electricity	198326.062	[illegible]
Statewide Totals	2036	MDV	Aggregate	Aggregate	Plug-in Hybrid	99380.40601	[illegible]
Statewide Totals	2036	MH	Aggregate	Aggregate	Gasoline	52686.06698	[illegible]
Statewide Totals	2036	MH	Aggregate	Aggregate	Diesel	33379.64741	[illegible]
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Gasoline	33584.35637	[illegible]
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Diesel	270503.7857	[illegible]
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Electricity	99236.76399	[illegible]
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Natural Gas	4189.920732	[illegible]
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Gasoline	8263.548485	[illegible]
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Diesel	11630.49364	[illegible]
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Electricity	1704.166231	[illegible]
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Natural Gas	956.2221711	[illegible]
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Gasoline	6224.36215	[illegible]
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Diesel	15008.15196	[illegible]
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Electricity	4836.617284	[illegible]
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Natural Gas	5421.980045	[illegible]
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Gasoline	2166.154011	[illegible]
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Diesel	1129.847984	[illegible]
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Electricity	9008.192001	[illegible]
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Natural Gas	3661.207883	[illegible]
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Gasoline	44.37925745	[illegible]
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Diesel	366472.9894	[illegible]
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Electricity	57816.95162	[illegible]
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Natural Gas	21321.63303	[illegible]
Statewide Totals	2037	LDA	Aggregate	Aggregate	Gasoline	12490535.94	[illegible]
Statewide Totals	2037	LDA	Aggregate	Aggregate	Diesel	12336.17567	[illegible]
Statewide Totals	2037	LDA	Aggregate	Aggregate	Electricity	1539041.74	[illegible]
Statewide Totals	2037	LDA	Aggregate	Aggregate	Plug-in Hybrid	566049.0706	[illegible]
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Gasoline	1035140.044	[illegible]
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Diesel	9.138516153	[illegible]
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Electricity	18957.76247	[illegible]
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Plug-in Hybrid	14666.61348	[illegible]
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Gasoline	7328229.484	[illegible]
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Diesel	27287.28176	[illegible]
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Electricity	224043.1095	[illegible]
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Plug-in Hybrid	166675.8296	[illegible]
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Gasoline	419861.0694	[illegible]
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Diesel	305531.4968	[illegible]
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Electricity	191149.9155	[illegible]
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Gasoline	55265.51259	[illegible]
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Diesel	141759.096	[illegible]
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Electricity	49020.33755	[illegible]
Statewide Totals	2037	MCY	Aggregate	Aggregate	Gasoline	732696.8688	[illegible]
Statewide Totals	2037	MDV	Aggregate	Aggregate	Gasoline	4369780.473	[illegible]
Statewide Totals	2037	MDV	Aggregate	Aggregate	Diesel	54452.69414	[illegible]
Statewide Totals	2037	MDV	Aggregate	Aggregate	Electricity	209210.1139	[illegible]
Statewide Totals	2037	MDV	Aggregate	Aggregate	Plug-in Hybrid	103825.9022	[illegible]
Statewide Totals	2037	MH	Aggregate	Aggregate	Gasoline	51513.31336	[illegible]
Statewide Totals	2037	MH	Aggregate	Aggregate	Diesel	33042.0743	[illegible]
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Gasoline	32222.7786	[illegible]
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Diesel	264677.2332	[illegible]
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Electricity	112555.825	[illegible]
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Natural Gas	4156.72031	[illegible]
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Gasoline	7974.225376	[illegible]
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Diesel	11652.58962	[illegible]
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Electricity	1901.816508	[illegible]
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Natural Gas	965.5889551	[illegible]
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Gasoline	6044.131812	[illegible]
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Diesel	14546.22957	[illegible]
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Electricity	5472.32677	[illegible]
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Natural Gas	5404.502314	[illegible]
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Gasoline	2048.628326	[illegible]
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Diesel	1001.054071	[illegible]
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Electricity	10162.15315	[illegible]
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Natural Gas	3104.901897	[illegible]
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Gasoline	42.82729763	[illegible]
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Diesel	370536.1365	[illegible]
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Electricity	63837.64773	[illegible]
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Natural Gas	21115.93361	[illegible]
Statewide Totals	2038	LDA	Aggregate	Aggregate	Gasoline	12511402.78	[illegible]
Statewide Totals	2038	LDA	Aggregate	Aggregate	Diesel	11502.07781	[illegible]
Statewide Totals	2038	LDA	Aggregate	Aggregate	Electricity	1574858.298	[illegible]
Statewide Totals	2038	LDA	Aggregate	Aggregate	Plug-in Hybrid	571920.87	[illegible]
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Gasoline	1023974.328	[illegible]
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Diesel	9.410006999	[illegible]
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Electricity	20195.3035	[illegible]
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Plug-in Hybrid	15603.88381	[illegible]
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Gasoline	7377591.964	[illegible]

Statewide Totals	2038 LDT2	Aggregate	Aggregate	Diesel	27560.18272	1065749	1065749	0	128391.6	[illegible]
Statewide Totals	2038 LDT2	Aggregate	Aggregate	Electricity	236008.9289	7052773	0	7052773	1137331	[illegible]
Statewide Totals	2038 LDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 LHDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 LHDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 LHDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 LHDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 LHDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 LHDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MCY	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MDV	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MDV	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MDV	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MDV	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MH	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MH	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 MHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 OBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 OBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 OBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 OBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 SBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 SBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 SBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 SBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 UBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 UBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 UBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2038 UBUS	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 HHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 HHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 HHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 HHDT	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDA	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDA	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDA	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDA	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LDT2	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LHDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Statewide Totals	2039 LHDT1	Aggregate	Aggregate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Statewide Totals	2043	LDT1	Aggregate	Aggregate	Diesel	10.50974302	396.5918	396.5918	0	48.56758
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Electricity	25524.78461	1044259	0	1044259	121104.9
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Plug-in Hybrid	19577.53874	782172.2	318654.6	463517.6	80953.12
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Gasoline	7590580.61	2.86E+08	2.86E+08	0	35008917
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Diesel	28742.22554	1090188	1090188	0	133228.6
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Electricity	282298.4236	7972871	0	7972871	1338942
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Plug-in Hybrid	196826.0229	7660167	3129980	4530187	813875.6
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Gasoline	358626.5254	12380842	12380842	0	5343001
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Diesel	257074.8054	8654829	8654829	0	3233678
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Electricity	318731.4753	14516786	0	14516786	4457944
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Gasoline	45812.27647	1534787	1534787	0	682534.7
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Diesel	125563.1171	4066031	4066031	0	1579426
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Electricity	82008.0552	3600734	0	3600734	1085515
Statewide Totals	2043	MCY	Aggregate	Aggregate	Gasoline	756432.3883	4115765	4115765	0	1512865
Statewide Totals	2043	MDV	Aggregate	Aggregate	Gasoline	4473253.119	1.62E+08	1.62E+08	0	20393489
Statewide Totals	2043	MDV	Aggregate	Aggregate	Diesel	50965.4954	1794459	1794459	0	230405.6
Statewide Totals	2043	MDV	Aggregate	Aggregate	Electricity	259786.6423	7254283	0	7254283	1227309
Statewide Totals	2043	MDV	Aggregate	Aggregate	Plug-in Hybrid	124225.5454	4701981	1923468	2778513	513672.6
Statewide Totals	2043	MH	Aggregate	Aggregate	Gasoline	46909.92565	494867.7	494867.7	0	4692.869
Statewide Totals	2043	MH	Aggregate	Aggregate	Diesel	31123.51186	286170.7	286170.7	0	3112.351
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Gasoline	25648.87464	1231434	1231434	0	513182.7
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Diesel	239166.5545	9950762	9950762	0	2891825
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Electricity	190582.189	8964753	0	8964753	2437315
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Natural Gas	3844.178952	152662	152662	0	34878.32
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Gasoline	6518.893985	200291.3	200291.3	0	130430
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Diesel	11994.29152	784046.3	784046.3	0	140836.4
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Electricity	2889.69822	192191.1	0	192191.1	57817.08
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Natural Gas	1030.885078	53362.49	53362.49	0	9174.877
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Gasoline	4648.833774	239294.5	239294.5	0	18595.34
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Diesel	11890.85068	242991	242991	0	172179.5
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Electricity	9478.631469	281329.4	0	281329.4	119699.1

2048	LDA	Aggregate	Aggregate	Diesel	8400.79386	294377.6	294377.6	0	37480.53	0	0.004532	0	0	0.004532	0.000328	0	0	0.000328	0.000649	0.000871	0.001849	0.000343
2048	LDA	Aggregate	Aggregate	Electricity	1780563.75	70660763	0	70660763	8354001	27280886	0	0	0	0	0	0	0	0	0.15578	0.119754	0.275534	0
2048	LDA	Aggregate	Aggregate	Plug-in Hybrid	605880.9847	23749606	9680758	14068848	2505318	4249211	0.070809	0	0.313568	0.384377	0.005089	0	0.002116	0.007205	0.052359	0.036997	0.096561	0.005534
2048	LDT1	Aggregate	Aggregate	Gasoline	974120.3597	34748220	34748220	0	4395774	0	0.800481	0	0.838348	1.638829	0.019912	0	0.003891	0.023803	0.076607	0.124542	0.224952	0.021656
2048	LDT1	Aggregate	Aggregate	Diesel	11.04964407	410.5562	410.5562	0	51.00364	0	1.33E-05	0	0	1.33E-05	1.87E-06	0	0	1.87E-06	9.05E-07	1.46E-06	4.24E-06	1.96E-06
2048	LDT1	Aggregate	Aggregate	Electricity	29301.57356	1135566	0	1135566	136895.7	438422.1	0	0	0	0	0	0	0	0	0.002503	0.001926	0.00443	0
2048	LDT1	Aggregate	Aggregate	Plug-in Hybrid	22339.19061	850771.9	346237.1	504534.9	92372.55	152384.6	0.002538	0	0.011547	0.014084	0.000181	0	7.52E-05	0.000256	0.001876	0.00133	0.003461	0.000197
2048	LDT2	Aggregate	Aggregate	Gasoline	7739565.304	2.88E+08	2.88E+08	0	35675837	0	6.984213	0	7.819159	14.80337	0.156002	0	0.02957	0.185573	0.635431	1.017398	1.838402	0.169667
2048	LDT2	Aggregate	Aggregate	Diesel	29613.26334	1104818	1104818	0	136718	0	0.036209	0	0	0.036209	0.004985	0	0	0.004985	0.002436	0.003898	0.011319	0.00521
2048	LDT2	Aggregate	Aggregate	Electricity	309658.2806	8401845	0	8401845	1452708	3243806	0	0	0	0	0	0	0	0	0.018523	0.014249	0.032772	0
2048	LDT2	Aggregate	Aggregate	Plug-in Hybrid	211210.7467	7976384	3250195	4726189	873356.4	1427450	0.023805	0	0.109285	0.13309	0.001707	0	0.000722	0.00243	0.017585	0.012454	0.032468	0.001857
2048	LHDT1	Aggregate	Aggregate	Gasoline	314412.013	11049044	11049044	0	4684271	0	0.207761	0.008394	2.062981	2.279136	0.013076	0	0.000452	0.013528	0.024359	0.3325	0.370387	0.014221
2048	LHDT1	Aggregate	Aggregate	Diesel	226894.2024	7696446	7696446	0	2854044	0	1.810357	0.237606	0	2.047963	0.123518	0.006596	0	0.130114	0.025452	0.23161	0.387175	0.129103
2048	LHDT1	Aggregate	Aggregate	Electricity	401792.2394	16933675	0	16933675	5615569	10284695	0	0	0	0	0	0	0	0	0.037332	0.254793	0.292126	0
2048	LHDT2	Aggregate	Aggregate	Gasoline	40213.84762	1361922	1361922	0	599126.4	0	0.031208	0.000924	0.220597	0.252729	0.001608	0	5.84E-05	0.001666	0.003003	0.047815	0.052484	0.001749
2048	LHDT2	Aggregate	Aggregate	Diesel	113892.3052	3661127	3661127	0	1432622	0	1.302154	0.133035	0	1.435189	0.077802	0.0033	0	0.081103	0.012107	0.128537	0.221747	0.08132
2048	LHDT2	Aggregate	Aggregate	Electricity	104076.0619	4233241	0	4233241	1377068	2542879	0	0	0	0	0	0	0	0	0.009333	0.074312	0.083644	0
2048	MCY	Aggregate	Aggregate	Gasoline	755953.0931	4109030	4109030	0	1511906	0	2.109167	0	0.104612	2.213779	0.009726	0	0.005398	0.015125	0.004529	0.019024	0.038678	0.010434
2048	MDV	Aggregate	Aggregate	Gasoline	4513466.092	1.62E+08	1.62E+08	0	20630334	0	4.10182	0	4.750538	8.852358	0.088437	0	0.017272	0.105709	0.357896	0.581115	1.044721	0.096183
2048	MDV	Aggregate	Aggregate	Diesel	50618.38613	1775554	1775554	0	228830.7	0	0.026351	0	0	0.026351	0.002002	0	0	0.002002	0.003914	0.006371	0.012287	0.002092
2048	MDV	Aggregate	Aggregate	Electricity	284699.4761	7623808	0	7623808	1329325	2943419	0	0	0	0	0	0	0	0	0.016808	0.012945	0.029753	0
2048	MDV	Aggregate	Aggregate	Plug-in Hybrid	134430.2591	4920891	2005856	2915035	555869.1	880427.5	0.01468	0	0.069544	0.084225	0.001064	0	0.000467	0.001532	0.010849	0.007687	0.020068	0.001158
2048	MH	Aggregate	Aggregate	Gasoline	45493.78799	484925.7	484925.7	0	4551.199	0	0.116416	0	0.001843	0.118259	0.000626	0	1.72E-06	0.000627	0.001604	0.008229	0.01046	0.000681
2048	MH	Aggregate	Aggregate	Diesel	29812.72854	277456.7	277456.7	0	2981.273	0	0.663457	0	0	0.663457	0.006453	0	0	0.006453	0.001223	0.004688	0.012365	0.006745
2048	MHDT	Aggregate	Aggregate	Gasoline	22010.41905	1076293	1076293	0	440384.5	0	0.076066	0.001386	0.201544	0.278996	0.001398	0	0.000225	0.001624	0.003559	0.018255	0.023438	0.001521
2048	MHDT	Aggregate	Aggregate	Diesel	232860.417	10014245	10014245	0	2834055	0	3.018786	1.665649	3.54702	8.231455	0.038829	0.000637	0	0.039466	0.033116	0.170366	0.242949	0.040585
2048	MHDT	Aggregate	Aggregate	Electricity	249502.5485	11199773	0	11199773	3183757	11949006	0	0	0	0	0	0	0	0	0.037037	0.095511	0.132548	0
2048	MHDT	Aggregate	Aggregate	Natural Gas	3655.215121	147997.8	147997.8	0	33868.34	0	0.009473	0.025328	0	0.034802	0.000212	9.23E-05	0	0.000305	0.000489	0.002532	0.003326	0.000231
2048	OBUS	Aggregate	Aggregate	Gasoline	5195.634222	171079	171079	0	103954.2	0	0.046442	0.000281	0.041131	0.087854	0.000202	0	2.86E-05	0.00023	0.000566	0.00292	0.003716	0.000219
2048	OBUS	Aggregate	Aggregate	Diesel	12329.55515	796676.3	796676.3	0	144886.3	0	0.666819	0.068589	0.147444	0.882852	0.009321	5.62E-05	0	0.009378	0.002635	0.019158	0.03117	0.009743
2048	OBUS	Aggregate	Aggregate	Electricity	3460.713371	214064.7	0	214064.7	69241.95	231668.5	0	0	0	0	0	0	0	0	0.000708	0.001826	0.002534	0
2048	OBUS	Aggregate	Aggregate	Natural Gas	1078.765189	54549.44	54549.44	0	9601.01	0	0.005029	0.001778	0	0.006807	7.34E-05	5.83E-06	0	7.92E-05	0.00018	0.000937	0.001196	7.98E-05
2048	SBUS	Aggregate	Aggregate	Gasoline	3410.114064	171037.1	171037.1	0	13640.46	0	0.022486	0.002329	0.009235	0.03405	0.000252	0	1.19E-05	0.000264	0.000377	0.003024	0.003665	0.000274
2048	SBUS	Aggregate	Aggregate	Diesel	9478.428959	196050.7	196050.7	0	137247.7	0	0.06848	0.060742	0.087562	0.216784	0.00065	2.41E-05	0	0.000674	0.000648	0.003427	0.00475	0.00068
2048	SBUS	Aggregate	Aggregate	Electricity	13115.11553	377615.5	0	377615.5	166046.7	412964.3	0	0	0	0	0	0	0	0	0.001125	0.003327	0.004452	0
2048	SBUS	Aggregate	Aggregate	Natural Gas	3587.621934	74150.59	74150.59	0	51948.77	0	0.018052	0.019749	0	0.037801	0.000322	7.1E-05	0	0.000393	0.000245	0.001326	0.001964	0.00035
2048	UBUS	Aggregate	Aggregate	Gasoline	2015.84928	189585.3	189585.3	0	8063.397	0	0.003769	0	0.002576	0.006344	0.000226	0	1.19E-06	0.000227	0.000418	0.006656	0.007301	0.000246

Construction Offroad Calculations ***Phase 3***

Nothing for the user to do here.

This tab calculates fuel consumption from offroad equipment and schedule input in the USER INPUT tab

Fuel consumption calculated from OFFROAD based on fuel consumption divided by horsepower hours to generate an average for all epuipment output

Total =	**338,884**

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Days	total hp-hrs	Gallons per hp-hr	Gallons
Demolition	Concrete/Industrial	2	8	81	0.73	200	189216	0.027	5,194
Demolition	Excavators	4	8	158	0.38	200	384256	0.027	10,547
Demolition	Rubber Tired Dozers	4	8	247	0.4	200	632320	0.027	17,357
Site Preparation	Rubber Tired Dozers	6	8	247	0.4	120	569088	0.027	15,621
Site Preparation	Tractors/Loaders/Ba	8	8	97	0.37	120	275635.2	0.027	7,566
Grading	Excavators	4	8	158	0.38	310	595596.8	0.027	16,349
Grading	Graders	2	8	187	0.41	310	380283.2	0.027	10,438
Grading	Rubber Tired Dozers	2	8	247	0.4	310	490048	0.027	13,451
Grading	Scrapers	4	8	367	0.48	310	1747507	0.027	47,967
Grading	Tractors/Loaders/Ba	4	8	97	0.37	310	356028.8	0.027	9,773
Building Construction	Cranes	2	7	231	0.29	1012	949114.3	0.027	26,052
Building Construction	Forklifts	6	8	89	0.2	1012	864652.8	0.027	23,734
Building Construction	Generator Sets	4	8	84	0.74	1012	2012989	0.027	55,255
Building Construction	Tractors/Loaders/Ba	6	7	97	0.37	1012	1525469	0.027	41,873
Building Construction	Welders	4	8	46	0.45	1012	670348.8	0.027	18,400
Paving	Cement and Mortar	4	0	9	0.56	129	0	0.027	0
Paving	Off-Highway Trucks	4	0	402	0.38	129	0	0.027	0
Paving	Pavers	4	8	130	0.42	129	225388.8	0.027	6,187
Paving	Paving Equipment	4	8	132	0.36	129	196162.6	0.027	5,384
Paving	Rollers	4	8	80	0.38	129	125491.2	0.027	3,445
Paving	Surfacing Equipment	4	0	263	0.3	129	0	0.027	0
Architectural Coating	Air Compressors	4	6	78	0.48	174	156349.4	0.027	4,292
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0

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	0	11/1/2038	8/5/2039	5	200	
2	Site Preparation	0	8/6/2039	1/20/2040	5	120	
3	Grading	0	1/21/2040	3/29/2041	5	310	
4	Building Construction	0	3/30/2041	2/14/2045	5	1012	
5	Paving	0	2/15/2045	8/14/2045	5	129	
6	Architectural Coating	0	8/15/2045	4/14/2046	5	174	
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0

Construction Mobile Calculations ***Phase 3***

Nothing for the user to do here.

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	10	25	0	21123	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	35	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Grading	16	40	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Building Construction	22	1661	480	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Paving	24	60	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	332	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

Nothing to do here. This Phase Calculates VMT by Type

Phase Name	Worker VMT	Vendor VMT	Haul VMT
Demolition	270	0	422460
Site Preparation	378	0	0
Grading	432	0	0
Building Construction	17938.8	3504	0
Paving	648	0	0
Architectural Coating	3585.6	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Nothing to do here. This Looks up MPG by type based on the construction year

Phase Name	Year	Worker MPG	Vendor MPG	Haul MPG
Site Preparation	2038	32.75	8.38	7.30
Grading	2038	32.75	8.38	7.30
Building Construction	2038	32.75	8.38	7.30
Paving	2038	32.75	8.38	7.30
Architectural Coating	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30

Nothing to do here. This Phase Calculates Energy from Workers

Phase Name	Total gallons of gasoline	Total gallons of diesel
Demolition	8,842	
Site Preparation	12,378	
Grading	14,147	
Building Construction	587,446	
Paving	21,220	
Architectural Coating	117,419	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
	761,452	

Nothing to do here. This Phase Calculates Energy from Trucks

Phase Name	Total gallons of gasoline	Total gallons of diesel
Site Preparation		3,082,305
Grading		0
Building Construction		0
Paving		29,369
Architectural Coating		0
0		0
0		0
0		0
0		0
0		0
0		0
0		0
		3,111,675

User Input Page

orange cells denote cells for user to input data

Phase 4

Operations

User note: If modeling construction only, delete the values in these calls

Annual Project VMT	137,161,160	Phase 1-4 (complete buildout in 2058)
Project Operational Year	2050	
Annual kWh	0	From PD or CalEEMod output
Annual kBTU	0	From PD or CalEEMod output
Daily VMT	375784	

Construction

Construction Start Year	2038

User — User Needs to paste 3 tables from Caleemod output

These tables are in Section 3.0 Construction Detail

1. Construction Phase
2. Trips and VMT ='USER INPUT'!'USER INPUT'!D:DD59
3. Offroad Equipment

In section **3.0 Construction Detail from CalEEMod output,** paste three tables: the *Construction Phase* , *Trips and VMT* and *Offroad Equipment* tables

Best practice. Save the CalEEMout output as PDF, then, open the PDF in the Adobe App, highlight the tables, right click "copy formatting", then paste below.

See example to the right.

Note that this "copy formatting" function only works in the Adobe app. It does not work if viewing the PDF directly in Chrome or Edge. Download the PDF to your computer, if necessary.

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type		start	end	days/wk	days/phase
1	Demolition		Demolition	11/9/2040	12/20/2040	5	30
2	Site Preparation		Site Preparation	12/21/2040	1/17/2041	5	20
3	Grading		Grading	1/18/2041	3/21/2041	5	45
4	Building Construction		Building Construction	3/22/2041	11/27/2042	5	440
5	Paving		Paving	11/28/2042	1/15/2043	5	35
6	Architectural Coating		Architectural Coating	1/16/2043	3/5/2043	5	35

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	10	25.00	0.00	21,123.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	35.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	22	1,661.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	24	60.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	332.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

OffRoad Equipment

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

Energy Calculations Summary Page

Phase 4

Operations

Source	Gas (gal)	Diesel (gal)	Kwh	kBTU	
Mobile Sources	4,081,509,170	119,882,625			
Electricity			0		provided by CSU- SEE GHG,ENERGY, PROJECT DESC.
Natural Gas				0	provided by CSU- SEE GHG,ENERGY, PROJECT DESC.

Construction

Phase Name	Gas (gal)	Diesel (gal)
Offroad		42,106
Trucks		3,111,675
Worker Commute	761,452	
Total	**761,452**	**3,153,781**

Project Total		
Phase 1	169619	231,866
Phase 2	399440	347,272
Phase 3	761452	3,450,559
Phase 4	761452	3,153,781
	2,091,963	7,183,478

Construction Offroad Calculations ***Phase 4***

Nothing for the user to do here.

This tab calculates fuel consumption from offroad equipment and schedule input in the USER INPUT tab

Fuel consumption calculated from OFFROAD based on fuel consumption divided by horsepower hours to generate an average for all epuipment output

Total = 42,106

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Days	total hp-hrs	Gallons per hp-hr	Gallons
Architectural Coating	Air Compressors	1	6	78	0.48	35	7862.4	0.027	216
Demolition	Concrete/Industrial S	1	8	81	0.73	30	14191.2	0.027	390
Building Construction	Cranes	1	7	231	0.29	440	206329.2	0.027	5,664
Demolition	Excavators	3	8	158	0.38	30	43228.8	0.027	1,187
Grading	Excavators	2	8	158	0.38	45	43228.8	0.027	1,187
Building Construction	Forklifts	3	8	89	0.2	440	187968	0.027	5,160
Building Construction	Generator Sets	1	8	84	0.74	440	218803.2	0.027	6,006
Grading	Graders	1	8	187	0.41	45	27601.2	0.027	758
Paving	Pavers	2	8	130	0.42	35	30576	0.027	839
Paving	Paving Equipment	2	8	132	0.36	35	26611.2	0.027	730
Paving	Rollers	2	8	80	0.38	35	17024	0.027	467
Demolition	Rubber Tired Dozers	2	8	247	0.4	30	47424	0.027	1,302
Grading	Rubber Tired Dozers	1	8	247	0.4	45	35568	0.027	976
Site Preparation	Rubber Tired Dozers	3	8	247	0.4	20	47424	0.027	1,302
Grading	Scrapers	2	8	367	0.48	45	126835.2	0.027	3,482
Building Construction	Tractors/Loaders/Ba	3	7	97	0.37	440	331623.6	0.027	9,103
Grading	Tractors/Loaders/Ba	2	8	97	0.37	45	25840.8	0.027	709
Site Preparation	Tractors/Loaders/Ba	4	8	97	0.37	20	22969.6	0.027	630
Building Construction	Welders	1	8	46	0.45	440	72864	0.027	2,000
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0

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	0	11/9/2040	12/20/2040	5	30	
2	Site Preparation	0	12/21/2040	1/17/2041	5	20	
3	Grading	0	1/18/2041	3/21/2041	5	45	
4	Building Construction	0	3/22/2041	11/27/2042	5	440	
5	Paving	0	11/28/2042	1/15/2043	5	35	
6	Architectural Coating	0	1/16/2043	3/5/2043	5	35	
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0

Construction Mobile Calculations ***Phase 4***

Nothing for the user to do here.

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	10	25	0	21123	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Site Preparation	14	35	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Grading	16	40	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Building Construction	22	1661	480	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Paving	24	60	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	332	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

Nothing to do here. This Phase Calculates VMT by Type

Phase Name	Worker VMT	Vendor VMT	Haul VMT
Demolition	270	0	422460
Site Preparation	378	0	0
Grading	432	0	0
Building Construction	17938.8	3504	0
Paving	648	0	0
Architectural Coating	3585.6	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Nothing to do here. This Looks up MPG by type based on the construction year

Phase Name	Year	Worker MPG	Vendor MPG	Haul MPG
Site Preparation	2038	32.75	8.38	7.30
Grading	2038	32.75	8.38	7.30
Building Construction	2038	32.75	8.38	7.30
Paving	2038	32.75	8.38	7.30
Architectural Coating	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30
	2038	32.75	8.38	7.30

Nothing to do here. This Phase Calculates Energy from Workers

Phase Name	Total gallons of gasoline	Total gallons of diesel
Demolition	8,842	
Site Preparation	12,378	
Grading	14,147	
Building Construction	587,446	
Paving	21,220	
Architectural Coating	117,419	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
	761,452	

Nothing to do here. This Phase Calculates Energy from Trucks

Phase Name	Total gallons of gasoline	Total gallons of diesel
Site Preparation		3,082,305
Grading		0
Building Construction		0
Paving		29,369
Architectural Coating		0
0		0
0		0
0		0
0		0
0		0
0		0
0		0
		3,111,675

Appendix D

Biological Resources Assessment

DRAFT

Biological Resources Assessment

Sacramento State – Placer Center

Placer County
June 2023

MADRONE ECOLOGICAL CONSULTING

Prepared for:
California State University, Sacramento
600 J Street
Sacramento, CA 95819

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1.0 INTRODUCTION

This report presents the results of a Biological Resources Assessment (BRA) conducted for the Sacramento State – Placer Center Project (Project) in Placer County, California. This report was prepared to support the California Environmental Quality Act (CEQA) evaluation of the Project by the CEQA Lead Agency, California State University (CSU). As the CSU intends to apply for coverage as a Participating Special Entity under the Placer County Conservation Program (PCCP), this document has been tailored to also meet the PCCP requirements for a supporting BRA.

1.1 Applicant Information

Applicant/Property Owner's Representative
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1.2 Project Location and Setting

The 301-acre Project is located within the Placer Ranch Specific Plan (PRSP), which covers a 2,213-acre area south of Sunset Boulevard West and west of Highway 65 (**Figure 1**). The Project consists of the proposed California State University Sacramento Placer Center campus, including numerous academic buildings, faculty and student housing, athletic facilities, and parking and infrastructure to support the campus as well as open space corridors interspersed throughout. A preliminary site plan is included as **Attachment A**. The Study Area is generally south of the Western Regional Landfill facility, west of Woodcreek Oaks Boulevard, and east of Fiddyment Road. The Study Area is located in Sections 7 and 8, Township 11 North, Range 6 East (MDB&M) of the "Roseville, California" 7.5-Minute Series USGS Topographic Quadrangle (USGS 2021) (approximate Latitude 38.816973, Longitude -121.340408).

The Study Area is characterized by gently rolling terrain with elevations ranging from about 105 feet above mean sea level (AMSL) on the west side to about 130 AMSL on the east. The southern portion of the Project abuts the Placer One (aka Placer Ranch) Phase 1A Project, which will be dominated by residential uses. The Study Area is currently undeveloped. The Study Area is in the PCCP Valley Potential Future Growth (Valley PFG) area.

The Study Area and adjoining undeveloped land also in the PRSP are currently fallow and ungrazed. The Study Area has historically been used for a variety of dry agricultural uses, including wheat and hay production and livestock grazing. The production of wheat and hay both involve discing of the soil, and a review of historic aerial photography indicates that the entire Study Area appears to have been historically

disced. Discing associated with agricultural production appears to have ceased around 2010, since which the Study Area has been used for cattle grazing until construction commenced on the adjacent area to the south in early 2022.

1.3 Project Description

The CSU is proposing the development of an off-campus center, "Sacramento State – Placer Center", on this 301-acre parcel to expand access to higher education in the region through an innovative partnership with Sierra College, while serving as an anchor institution for the larger community and future development in the Sunset Area of Placer County. Buildout of the off-campus center would include administrative buildings; student and faculty housing; a student center; recreation and athletic facilities; a performing arts center; a hotel and conference center; a continuing education center; a mixed-use academic, research, and industry "innovation center;" support services; and parking. The campus would include open space areas for active and passive recreation and the proposed innovation center would provide opportunities for workforce development. Sacramento State – Placer Center would promote and support the transfer of Sierra College students to Sacramento State.

The Project is proposed to be constructed in 4 phases over a period of approximately 35 years as described below.

Phase 1 of Sacramento State – Placer Center would be built over an estimated 7-year duration. Implementation of Phase 1 would focus on development of the academic core, approximately 40 acres located in the southeast portion of the site, north of the planned Sunset Boulevard alignment. The academic core would consist of the campus grove and plaza, two academic buildings (Sacramento State academy building and the Student Success Center), and three community anchors (the Forensics Lab, Library, and the separately proposed Placer County Fire Station and Training Center). To align with the phased development of the PRSP, the south campus gateway would connect the off-campus center to Sunset Boulevard to the south, which is being constructed with the Placer Ranch Phase 1A - Campus Arcade Neighborhood.

Phase 2 of Sacramento State – Placer Center would be built out over years 7-15 of campus development. Phase 2 is intended to establish Sacramento State - Placer Center as a destination for students, faculty, and staff to live, work, and study. Phase 2 would expand the off-campus center significantly, involving development of approximately 64 acres of land to support the increased student population. The campus core would become more formalized, providing a variety of functions including academic mixed-use, student life, and administrative spaces. An additional internal road connecting the off-campus center to Fiddyment Road, and a shared, pedestrian-oriented street in the campus core would be developed in Phase 2.

Phase 3 development is estimated to occur from years 15 to 25. Phase 3 more than doubles the student population and includes the buildings, mobility networks, infrastructure, and recreational spaces needed to support this growth. In Phase 3, the northern edge of the campus would begin to be developed with additional sports and recreation fields, surface parking lots, and the Conference Center. As a mature off-

campus center, all of the student life, administrative, housing, and service needs would be met, and all community anchors would be developed.

Long term (years 25 to 35) development of the Project site would occur in Phase 4. Sacramento State – Placer Center would be coordinated with the surrounding development of Placer One.

The Project site will be developed so that it is compatible with and can be connected to other improvements being developed as part of the PRSP. These improvements include new road construction, widening of existing roads, drinking water and recycled water line extensions, sewer line extensions and sewer pump station construction, and storm water system improvements. Portions of these improvements have or will occur in the southern portion of the Study Area (shown as the Placer One Overlap Area on **Figure 1**), while other portions are in the larger PRSP area surrounding the Study Area. The improvements being constructed within the Placer One Overlap Area shown on **Figure 1** are stormwater infrastructure, including outfalls and basins, that will be utilized in part by both Placer One and the Project.

2.0 REGULATORY SETTING

This section describes federal, state and local laws and policies that are relevant to this assessment of biological resources.

2.1 Federal Regulations

2.1.1 Federal Endangered Species Act

The Federal Endangered Species Act (FESA) of 1973 protects species that are federally listed as endangered or threatened with extinction. FESA prohibits the unauthorized "take" of listed wildlife species. Take includes harassing, harming, pursuing, hunting, shooting, wounding, killing, trapping, capturing, or collecting wildlife species or any attempt to engage in such activities. Harm includes significant modifications or degradations of habitats that may cause death or injury to protected species by impairing their behavioral patterns. Harassment includes disruption of normal behavior patterns that may result in injury to or mortality of protected species. Civil or criminal penalties can be levied against persons convicted of unauthorized "take." In addition, FESA prohibits malicious damage or destruction of listed plant species on federal lands or in association with federal actions, and the removal, cutting, digging up, damage, or destruction of listed plant species in violation of state law. FESA does not afford any protections to federally listed plant species that are not also included on a state endangered species list on private lands with no associated federal action.

2.1.2 Clean Water Act, Section 404

Section 404 of the Federal Clean Water Act requires that a Department of the Army permit be issued prior to the discharge of any dredged or fill material into waters of the United States, including wetlands. The U.S. Army Corps of Engineers (USACE) administers this program, with oversight from the U. S. Environmental

Protection Agency. Waters of the United States include all navigable waters; interstate waters and wetlands; all intrastate waters and wetlands that could affect interstate or foreign commerce; impoundments of the above; tributaries of the above; territorial seas; and wetlands adjacent to the above.

2.1.3 Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) prohibits the take, possession, import, export, transport, selling, purchase, barter, or offering for sale, purchase or barter, any native migratory bird, their eggs, parts, and nests, except as authorized under a valid permit (50 CFR 21.11.). Likewise, Section 3513 of the California Fish & Game Code prohibits the "take or possession" of any migratory non-game bird identified under the MBTA. Therefore, activities that may result in the injury or mortality of native migratory birds, including eggs and nestlings, would be prohibited under the MBTA.

2.2 State Regulations

2.2.1 California Environmental Quality Act

The California Environmental Quality Act (CEQA) requires evaluations of Project effects on biological resources. Determining the significance of those effects is guided by Appendix G of the CEQA guidelines. These evaluations must consider direct effects on a biological resource within the Project site itself, indirect effects on adjacent resources, and cumulative effects within a larger area or region. Effects can be locally important but not significant according to CEQA if they would not substantially affect the regional population of the biological resource. Significant adverse impacts on biological resources would include the following:

- Substantial adverse effects on any species identified as candidate, sensitive, or special-status in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife (CDFW) or the U.S. Fish and Wildlife Service (USFWS) (these effects could be either direct or via habitat modification);
- Substantial adverse impacts to species designated by the California Department of Fish and Game (2009) as Species of Special Concern;
- Substantial adverse effects on riparian habitat or other sensitive habitat identified in local or regional plans, policies, or regulations or by CDFW and USFWS;
- Substantial adverse effects on federally protected wetlands defined under Section 404 of the Clean Water Act (these effects include direct removal, filling, or hydrologic interruption of marshes, vernal pools, coastal wetlands, or other wetland types);
- Substantial interference with movements of native resident or migratory fish or wildlife species population, or with use of native wildlife nursery sites;
- Conflicts with local policies or ordinances protecting biological resources (e.g., tree preservation policies); and
- Conflict with provisions of an adopted Habitat Conservation Plan (HCP), Natural Community Conservation Plan (NCCP), or other approved local, regional, or state habitat conservation plan.

2.2.2 State Endangered Species Act

With limited exceptions, the California Endangered Species Act (CESA) of 1984 protects state-designated endangered and threatened species in a way similar to FESA. For projects on private property (i.e. that for which a state agency is not a lead agency), CESA enables CDFW to authorize take of a listed species that is incidental to carrying out an otherwise lawful project that has been approved under CEQA (Fish & Game Code Section 2081).

2.2.3 Native Plant Protection Act

The Native Plant Protection Act (NPPA) was enacted in 1977 and allows the Fish and Game Commission to designate plants as rare or endangered. There are 64 species, subspecies, and varieties of plants that are protected as rare under the NPPA. The NPPA prohibits take of endangered or rare native plants, but includes some exceptions for agricultural and nursery operations; emergencies; and after properly notifying CDFW for vegetation removal from canals, roads, and other sites, changes in land use, and in certain other situations.

2.2.4 Clean Water Act, Section 401

Section 401 of the Clean Water Act requires any applicant for a 404 permit in support of activities that may result in any discharge into waters of the United States to obtain a water quality certification with the Regional Water Quality Control Board (RWQCB). This program is meant to protect these waters and wetlands by ensuring that waste discharged into them meets state water quality standards. Because the water quality certification program is triggered by the need for a Section 404 permit (and both programs are a part of the Clean Water Act), the definition of waters of the United States under Section 401 is the same as that used by the USACE under Section 404.

2.2.5 California Water Code, Porter-Cologne Act

The Porter Cologne Act, from Division 7 of the California Water Code, requires any person discharging waste or proposing to discharge waste that could affect the quality of waters of the state to file a report of waste discharge (RWD) with the RWQCB. The RWQCB can waive the filing of a report, but once a report is filed, the RWQCB must either waive or adopt water discharge requirements (WDRs). "Waters of the state" are defined as any surface water or groundwater, including saline waters, within the boundaries of the state.

2.2.6 California Fish and Game Code, Section 1600 – Streambed and Lake Alteration

The CDFW is responsible for conserving, protecting, and managing California's fish, wildlife, and native plant resources. To meet this responsibility, the Fish and Game Code, Section 1602, requires notification to CDFW of any proposed activity that may substantially modify a river, stream, or lake. Notification is required by any person, business, state or local government agency, or public utility that proposes an activity that will: substantially divert or obstruct the natural flow of any river, stream or lake;

substantially change or use any material from the bed, channel, or bank of any river, stream, or lake; or deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake.

For the purposes of Section 1602, rivers, streams and lakes must flow at least intermittently through a bed or channel. If notification is required and CDFW believes the proposed activity is likely to result in adverse harm to the natural environment, it will require that the parties enter into a Lake or Streambed Alteration Agreement (LSAA).

2.2.7 California Fish and Game Code, Section 3503.5 - Raptor Nests

Section 3503.5 of the Fish and Game Code makes it unlawful to take, possess, or destroy hawks or owls, unless permitted to do so, or to destroy the nest or eggs of any hawk or owl.

2.3 Local Regulations

2.3.1 Placer County Conservation Plan

The Placer County Conservation Program (PCCP) applies to all Covered Activities within Placer County generally north of PFE Road, but outside of certain non-participating municipalities. The PCCP allows applicants, including Participating Special Entities like the CSU, to engage in a streamlined permitting process for mitigating project impacts to aquatic resources and sensitive wildlife species, where previously applicants would need to obtain permits from the reviewing state and federal regulatory agencies (i.e., U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, California Department of Fish and Wildlife, etc.). The PCCP is a multi-component program comprised of:

- Habitat Conservation Plan (HCP) under the Federal Endangered Species Act and a Natural Community Conservation Plan (NCCP) under the California Natural Community Conservation Planning Act,
- County Aquatic Resources Program (CARP) to fulfill the requirements of the federal Clean Water Act and state laws and regulations, and
- In-Lieu Fee Program to fulfill Clean Water Act Section 401/404 and State Waste Discharge Requirements compensatory mitigation requirements for impacts to aquatic resources.

The PCCP addresses 14 Covered Species and several Covered Natural Communities and includes conservation measures to protect those Covered Species and their habitats. Projects that occur within the PCCP Plan Area are subject to applicable avoidance and minimization measures, which are intended to ensure that adverse effects on Covered Species and natural communities are avoided and minimized. Any conversion of natural or semi-natural lands, including oak woodland, grasslands, and wetlands will be subject to the applicable permits under the PCCP and associated impact fees. During the authorization process, impact fees including Land Conversion fees and Aquatic/Wetland Special Habitat fees will be calculated utilizing land cover data.

The CARP has a number of additional conditions for work within the vicinity of drainages. These conditions apply to certain defined areas (referred to as "CARP Drainage Setbacks" throughout this document); those that are relevant to this Project include:

- Disturbance within 50 feet of the edge of riparian vegetation shall be limited to exempt activities such as bridge crossings, recreational trails, and outfalls. This 50-foot restricted area is referred to throughout this document as the "Riparian Buffer".
- No structures are permitted within 50 feet of intermittent streams or within 100 feet of perennial streams unless authorized through an approved variance processed by Placer County. In addition, Placer County Code (Chapter 17.54.145) identifies a Watercourse Setback within which no structures are permitted except as approved by the planning director. This "Placer County Watercourse Setback" is defined as designated buffers for various named drainages, and 50-foot buffers for all other drainages in National Hydrology Dataset (NHD). Within the Study Area, this is a 300-foot setback from Dry Creek, and a 50-foot setback from all other drainages.

3.0 METHODOLOGY

3.1 Literature Review

A list of special-status species with potential to occur within the Study Area was developed by conducting a query of the following databases:

- California Natural Diversity Database (CNDDB) (CNDDB 2023) query of the Study Area and all areas within 5 miles of the Study Area (**Figures 2** and **3**);
- USFWS Information for Planning and Conservation (IPaC) (USFWS 2023) query for the Study Area;
- California Native Plant Society (CNPS) Rare and Endangered Plant Inventory (CNPS 2023) query of the "Citrus Heights, California" USGS topo quadrangle, and the eight surrounding quadrangles; and
- Western Bat Working Group (WBWG) Species Matrix (WBWG 2023).

In addition, we reviewed the following documents that have previously been prepared for the larger PRSP, to ensure consistency with the PCCP, and that provide additional information about regionally occurring species:

- *Biological Resources Assessment for Placer Ranch*, prepared for Placer Ranch, Inc. by ECORP Consulting, Inc. (2015)
- *Sunset Area Plan/Placer Ranch Specific Plan EIR* (PRSP EIR), prepared for Placer County by Ascent Environmental (Draft EIR 2018, Final EIR 2019; County of Placer 2019b)
- *Western Placer County Habitat Conservation Plan/Natural Community Conservation Plan, Placer County Conservation Program* (WPC HCP/NCCP; 2020a)
- *Western Placer County Aquatic Resources Program*, Placer County Conservation Program (2020b)
- Cornell Lab of Ornithology's *eBird database*, accessed in March 2023 (Cornell Lab 2023)

In addition, any special-status species that are known to occur in the region, but that were not identified in any of the above database searches were also analyzed for their potential to occur within the Study Area.

For the purposes of this Biological Resources Assessment, special-status species is defined as those species that are:

- listed as threatened or endangered, or proposed or candidates for listing by the USFWS or National Marine Fisheries Service (NMFS);
- listed as threatened or endangered and candidates for listing by CDFW;
- identified as Fully Protected species or species of special concern by CDFW;
- identified as Medium or High priority species by the WBWG (WBWG 2023); and
- plant species considered to be rare, threatened, or endangered in California by the CNPS and CDFW [California Rare Plant Rank (CRPR) 1, 2, and 3]:
    - CRPR 1A: Plants presumed extinct.
    - CRPR 1B: Plants rare, threatened, or endangered in California and elsewhere.
    - CRPR 2A: Plants extirpated in California, but common elsewhere.
    - CRPR 2B: Plants rare, threatened, or endangered in California, but more common elsewhere.
    - CRPR 3: Plants about which the CNPS needs more information – a review list.

3.2 Field Surveys

3.2.1 Previous Surveys

The site was surveyed for special-status species as part of the larger PRSP in support of the 2015 biological resources assessment (ECORP 2015). At that time, surveys included:

- Aquatic resources delineation (2002)
- Vegetation community mapping (2002)
- Elderberry plants, host for valley elderberry longhorn beetle (May 2005)
- Western spadefoot toad (April 2005)
- Western pond turtle (April 2005)
- Protocol-level special-status plant (April and June 2005)
- Special-status birds (May and June 2005)

In 2015, Wildlands, Inc., updated the aquatic resources delineation. In July 2020, Madrone senior biologist Daria Snider revisited the PRSP site to analyze the Wildlands, Inc., aquatic resources mapping for potential jurisdictional changes under the 2020 Waters of the U.S. Final Rule. The U.S. Army Corps of Engineers (USACE) issued an approved jurisdictional determination (AJD) verifying changes noted by Ms. Snider on 9 April 2021. The 2021 verification (**Attachment B**) is the basis for characterizing aquatic resources in this report. The Study Area is entirely within the verified map area.

Additionally, Madrone conducted protocol-level special-status plant surveys throughout the Study Area on 28 April and 15 May 2023. The surveys were completed in accordance with the U.S. Fish and Wildlife Service's *Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed and Candidate Plants* (USFWS 1996), *California Department of Fish and Wildlife's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (CDFW 2018), and the CNPS

Botanical Survey Guidelines (CNPS 2001). A report summarizing the methods and results of those surveys is included as **Attachment C**, and the results have been incorporated into this report.

No protocol-level wildlife surveys have been conducted specifically for this Project; however, surveys for a number of adjacent areas have had survey buffers that overlap portions of this Project Area. Various site surveys have identified Swainson's hawks, white-tailed kites, and northern harriers soaring over and foraging Project area. One burrowing owl was found within a pile of tires in the proposed open space area in the southwestern portion of the Project in January 2023 (**Figure 4**). A stick nest is present in a large Fremont's cottonwood (*Populus fremontii*) tree in the southern portion of the Project Area, adjacent to the ephemeral drainage. This nest was used by red-tailed hawks in 2021 and 2022 and was occupied by great horned owls in 2023.

3.2.2 PCCP Planning-Level Surveys

To date, the only PCCP Planning-level surveys that have been conducted within the Study Area are Swainson's hawk (*Buteo swainsoni*) planning level surveys that were conducted where the survey buffers for development adjacent to the site overlapped the Study Area. No Swainson's hawk nests were observed within the Study Area during those surveys.

3.3 Biologist Qualifications

Madrone biologists working on the Project include Daria Snider, Dustin Brown, Bonnie Peterson, Tara Collins, and Matt Shaffer. Resumes for these individuals are included in **Attachment D**.

4.0 COMMUNITY AND LAND COVER MAPPING

4.1 Baseline Mapping

Figure 4 shows PCCP baseline community and land cover mapping for the Study Area. Baseline mapping shows that the Study Area supports Vernal Pool Complex (VPC), with VPC Low and VPC High land covers. **Table 1** summarizes the area of each land cover type within the Study Area.

Table 1. PCCP Community and Land Cover Types in the Study Area

Community	Land Cover	Acres in Study Area
Vernal Pool Complex	VPC Low	248.9
Vernal Pool Complex	VPC High	52.4
Total [1]		**301.2**

[1] Summation errors may occur due to rounding.

4.2 Existing Conditions and Baseline Consistency

4.2.1 Overall Land Cover Conditions

Field verification of the baseline community mapping completed by Project biologist Daria Snider indicates that existing conditions are consistent with the baseline mapping. Most of the Study Area is occupied by grazed annual brome grassland that is interspersed with vernal pools, seasonal wetlands, and seasonal wetland swales, all of which are considered vernal pool constituents under the PCCP. The areas mapped as Vernal Pool Complex (VPC) Low and VPC High Land Covers by the PCCP are annual brome grasslands with varying densities of wetlands (1.6% and 10.5%, respectively). The term Annual Brome Grassland/VPC is used to describe this land cover type, as we feel that it is more descriptive. Within the Study Area, the Annual Brome Grassland/VPC is dominated by soft chess (*Bromus hordeaceus*), medusa head (*Elymus caput-medusae*), tarweed (*Holocarpha virgata*), filaree (*Erodium botrys*), rye grass (*Festuca perennis*), hairy hawkbit (*Leontodon saxatilis*), angled pea (*Lathyrus angulatus*), and rose clover (*Trifolium hirtum*). Other species commonly observed within the annual brome grassland include hop clover (*Trifolium dubium*), annual quaking grass (*Briza minor*), and wild oat (*Avena fatua*). A small inclusion of tree of heaven (*Ailanthus altissima*) trees occurs on a hilltop in the eastern portion of the site. The understory of this group of trees is similar to the surrounding annual brome grassland.

The open space areas support an ephemeral drainage and associated 100-year floodplain and PCCP designated Stream System, small portions of which encroach into the proposed development area. Overall, existing conditions are consistent with the PCCP baseline community mapping and no modifications to mapped communities are suggested.

4.2.2 Aquatic Resources

The locations of vernal pool constituents shown on **Figure 5** are based on an aquatic resources delineation that includes the Study Area (see **Attachment B**). **Table 2** summarizes the aquatic resources, including vernal pool constituents, by type in the Study Area.

Table 2. Aquatic Resources in the Study Area

Resource Type	Acres in Study Area
Vernal Pool Constituents	
Seasonal Wetland	4.183
Seasonal Wetland Swale	6.320
Vernal Pool	3.784
Total	*14.287*
Other Waters of the U.S./Waters of the State	
Ephemeral Drainage	1.178
Total	*1.178*
Total [1]	**15.465**

[1] Summation errors may occur due to rounding.

The Study Area is covered by an Approved Jurisdictional Determination (AJD) issued by the U.S. Army Corps of Engineers (USACE) on 9 April 2021 (**Attachment B**). The AJD verifies that the location and boundaries of wetlands were delineated consistent with USACE guidance and that the aquatic resources are not currently subject to USACE jurisdiction under Section 404 of the Clean Water Act. A description of each of the aquatic resource types is included below.

4.2.2.1 Seasonal Wetland

Seasonal wetlands are depressional wetlands that pond water seasonally. These features are topographically and hydrologically similar to vernal pools, but typically support a slightly different plant community that is not characterized by a dominance of vernal pool endemics. Dominant plant species observed within the seasonal wetlands included Mediterranean barley (*Hordeum marinum*), ryegrass, and hyssop loosestrife (*Lythrum hyssopifolium*). Other plant species commonly observed in these features within the Study Area included slender popcorn flower (*Plagiobothrys stipitatus var. micranthus*), hop clover and annual quaking grass.

4.2.2.2 Seasonal Wetland Swale

Seasonal wetland swales are sloping, linear seasonal wetlands that convey storm water runoff, and may detain it for short periods of time. The majority of the seasonal wetland swales within the Study Area are dominated by the same plant species found in the seasonal wetlands and vernal pools.

4.2.2.3 Vernal Pool

Vernal pools are topographic basins within the grassland community that are typically underlain with an impermeable or semi-permeable hardpan or duripan layer. Vernal pools inundate during the wet season, and typically dry by late spring and remain dry through the summer months. Vernal pools were differentiated from depressional seasonal wetlands within the Study Area based upon the predominance of vernal pool endemic plant species. Plant species commonly occurring in the vernal pools within the Study Area included Carter's buttercup (*Ranunculus bonariensis var. trisepalus*), slender popcorn flower, bractless hedge-hyssop (*Gratiola ebracteata*), smooth goldfields (*Lasthenia glaberrima*), creeping spikerush, American pillwort (*Pilularia americana*), flowering quillwort (*Triglochin scilloides*), and double-horned downingia (*Downingia bicornuta*).

4.2.2.4 Ephemeral Drainage

Ephemeral drainages convey stormwater runoff for short periods of time directly after precipitation events, and some deeper scour pools retain water for a somewhat longer duration. The drainages are generally largely unvegetated due to the scouring effects of water, but the deeper scour pools support plant species typical of the seasonal wetlands and vernal pools within the Study Area.

4.2.3 Stream System

An area of Stream System runs along either side of the ephemeral drainage and main seasonal wetland swale that runs through the Study Area and is defined primarily by a 100-year floodplain for the drainage feature (**Figure 5**). Under the PCCP, the width of Stream Systems is defined by the type of stream (ephemeral, intermittent, or perennial). The Stream System is the 100-year floodplain or a specific width depending on the type of stream, whichever is greater. In the case of the off-site stream in the northern portion of the Study Area, the Stream System is defined by a 100-year floodplain that encroaches into the Study Area.

The total area of Stream System shown on **Figure 5**, which is defined as the outermost of the 100-year floodplain and a 50-foot buffer off the ephemeral drainage (the CARP Drainage Setback), is 65.4 acres.

4.3 Soils within the Study Area

According to the Natural Resources Conservation Service (NRCS) Soil Survey Database (NRCS 2023), three soil mapping units occur within the Study Area (**Figure 6**): (104) Alamo-Fiddyment complex, 0 to 5 percent slopes; mildly acidic to neutral; (141) Cometa-Fiddyment complex, 1 to 5 percent slopes; and (195) Xerofluvents, hardpan substratum. All three soil types are mildly acidic to neutral and support of duripan and/or clay pan layers that retain water throughout the spring but typically dry entirely into the early summer months.

5.0 RESULTS

Table 3 provides a list of special-status species that were evaluated, including their listing status, habitat associations, and their potential to occur in the Study Area. PCCP Covered Species are denoted by bold font. The following set of criteria was used to determine each species' potential for occurrence on the site:

- Present: Species occurs on the site based on CNDDB records, and/or was observed on the site during field surveys.
- High: The site is within the known range of the species and suitable habitat exists.
- Moderate: The site is within the known range of the species and very limited suitable habitat exists.
- Low: The site is within the known range of the species and there is marginally suitable habitat or the species was not observed during protocol-level surveys conducted on-site.
- Absent/No Habitat Present: The site does not contain suitable habitat for the species, the species was not observed during protocol-level floristic surveys conducted on-site, or the site is outside the known range of the species.

Figures 2 and **3** are exhibits displaying CNDDB occurrences within five miles of the Study Area. Below is a discussion of all special-status plant and animal species with potential to occur on the site.

Table 3. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Plants				
Balsamorhiza macrolepis Big-scale balsamroot	--	CRPR 1B.2	Prefers chaparral, cismontane woodland, and valley and foothill grasslands. Often associated with serpentine soils.	**Absent.** Marginally suitable habitat is present in the Annual Brome Grassland/VPC. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.
Chloropyron molle ssp. *hispidum* Hispid bird's-beak	--	CRPR 1B.1	Prefers seasonally flooded, saline-alkali soils at elevations below 500 feet.	**No Habitat Present.** No saline-alkali soils are present within the Study Area.
Downingia pusilla Dwarf downingia	--	CRPR 2B.2	Vernal pools and other depressional wetlands	**Absent.** The vernal pools, seasonal wetlands, seasonal wetland swales, and ephemeral drainage within the Study Area represent suitable habitat for this species. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.
Gratiola heterosepala Bogg's Lake hedge-hyssop	--	CE, CRPR 1B.2	Vernal pools and margins of lakes/ponds	**Absent.** The vernal pools and seasonal wetlands within the Project Area represent marginally suitable habitat for this species. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.
Hibiscus lasiocarpos var. *occidentalis* Woolly rose-mallow	--	CRPR 1B.2	Freshwater wetlands/marshes including edges.	**No Habitat Present.** No marsh habitat occurs within the Study Area.
Juncus leiospermus var. *ahartii* Ahart's dwarf rush	--	CRPR 1B.2	Edges of vernal pools and other seasonally ponded features.	**Absent.** The vernal pools and seasonal wetlands within the Project Area represent suitable habitat for this species. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.

Table 3. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Juncus leiospermus var. *leiospermus* Red Bluff dwarf rush	--	CRPR 1B.1	Occurs in vernal mesic areas in chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland, and vernal pools between 100' and 4,100' elevation.	**No Habitat Present.** The only documented occurrence in Placer County is, according to the notes on this occurrence, considered to be erroneous (CNDDB 2023). As a result, the Study Area is outside of the range of this species.
Legenere limosa Legenere	--	CRPR 1B.1	Vernal pools	**Absent.** The vernal pools and seasonal wetlands within the Project Area represent marginal habitat for this species. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.
Navarretia myersii ssp. *myersii* Pincushion navarretia	--	CRPR 1B.1	Vernal pools	**Absent.** The vernal pools and seasonal wetlands within the Project Area represent suitable habitat for this species. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.
Orcuttia tenuis Slender Orcutt grass	FT	CE, CRPR 1B.1	Vernal pools and other seasonally ponded features.	**Absent.** The largest vernal pools within the Project Area represent marginal habitat for this species. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.
Orcuttia viscida Sacramento Orcutt grass	FE	CE, CRPR 1B.1	Vernal pools	**Absent.** The largest vernal pools within the Project Area represent marginal habitat for this species. Protocol-level surveys throughout the Study Area in 2005 and 2023 were negative.

Table 3. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Sagittaria sanfordii Sanford's arrowhead	--	CRPR 1B.2	Emergent marsh habitat, typically associated with drainages, canals, or irrigation ditches.	**No Habitat Present.** No marsh habitat occurs within the Study Area.
Invertebrates				
Branchinecta conservatio **Conservancy fairy shrimp**	FE	--	Very large, turbid vernal pools.	**No Habitat Present.** None of the vernal pools within the Project Area are appropriate for this species.
Branchinecta lynchi **Vernal pool fairy shrimp**	FT	--	Vernal pools.	**High.** Suitable habitat for this species is present in the vernal pools within the Project Area and it is known to occur on properties within 1 mile of the Study Area.
Danaus plexippus Monarch butterfly	FC	--	Migratory species; most prevalent in the Central Valley in summer and early fall. Dependent upon milkweed (*Asclepias* species) plants as their exclusive larval host.	**Moderate.** Milkweed plants occur along the edges of the ephemeral drainage within the Study Area; however, additional floral resources for the species are limited during their breeding season.
Desmocerus californicus dimorphus **Valley elderberry longhorn beetle**	FT	--	Dependent upon elderberry *(Sambucus* species) shrubs as primary host species.	**No Habitat Present.** No elderberry shrubs occur within the Study Area.
Lepidurus packardi **Vernal pool tadpole shrimp**	FE	--	Vernal pools.	**Moderate.** Most of the vernal pools within the Project Area are too small to support this species, but the largest represent -suitable habitat for this species; however, it is quite uncommon in Placer County.

Table 4. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Fish				
Oncorhynchus mykiss irideus **Central Valley steelhead**	FE	--	Anadromous species requiring freshwater water courses with gravelly substrates for breeding. The young remain in freshwater areas before migrating to estuarine and marine environments.	**No Habitat Present.** No intermittent or perennial streams are present within the Study Area.
Oncorhynchus tshawytscha **Central Valley fall/late-fall run chinook salmon**	--	CSC	Anadromous species requiring freshwater water courses with gravelly substrates for breeding. The young remain in freshwater areas before migrating to estuarine and marine environments.	**No Habitat Present.** No intermittent or perennial streams are present within the Study Area.
Amphibians				
Rana boylii **Foothill yellow-legged frog**	--	CT	Prefers gravelly or sandy streams with open banks near woodlands.	**No Habitat Present.** No intermittent or perennial streams are present within the Study Area.
Rana draytonii **California red-legged frog**	FT	CSC	Breeds in permanent to semi-permanent aquatic habitats including lakes, ponds, marshes, creeks, and other drainages.	**No Habitat Present.** No intermittent or perennial aquatic habitats are present within the Study Area.
Spea hammondii Western spadefoot	--	CSC	Breeds in vernal pools, seasonal wetlands and associated swales. Forages and hibernates in adjacent grasslands.	**High.** The seasonal wetlands and vernal pools within the Study Area represent suitable habitat for this species.
Reptiles				
Actinemys marmorata **Western pond turtle**	--	CSC	Ponds, rivers, streams, wetlands, and irrigation ditches with associated marsh habitat.	**No Habitat Present.** No intermittent or perennial aquatic habitats are present within the Study Area.

Table 4. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Thamnophis gigas **Giant garter snake**	FT	CT	Rivers, canals, irrigation ditches, rice fields, and other aquatic habitats with slow moving water and heavy emergent vegetation.	**No Habitat Present.** No intermittent or perennial aquatic habitats are present within the Study Area.
Birds				
Agelaius tricolor **Tricolored blackbird**	--	CE, CSC	Colonial nester in cattails, bulrush, or blackberries associated with marsh habitats.	**High.** No nesting habitat is present, but the Annual Brome Grasslands/VPC throughout the Study Area represent potential foraging habitat, And the species has been documented foraging in the vicinity.
Ammodramus savannarum Grasshopper sparrow	--	CSC	Typically found in expansive short to middle-height, moderately open grasslands with scattered shrubs or other song perches (Shuford and Gardali 2008).	**High.** The Annual Brome Grasslands/VPC throughout the Study Area represent potential habitat for this species.
Aquila chrysaetos Golden eagle	--	CFP	Forages in open areas including grasslands, savannahs, deserts, and early successional stages of shrub and forest communities. Nests in large trees and cliffs.	**High.** The Annual Brome Grasslands/VPC throughout the Study Area represent potential habitat for this species.
Athene cunicularia **Burrowing owl**	--	CSC	Nests in abandoned ground squirrel burrows associated with open grassland habitats.	**Present.** The Annual Brome Grasslands/VPC throughout the Study Area represent potential habitat for this species, and one individual was documented in the southern portion of the Study Area during a non-breeding season survey.

Table 4. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Buteo swainsoni **Swainson's hawk**	--	CT	Nests in large trees, preferably in riparian areas. Forages in fields, cropland, irrigated pasture, and grassland near large riparian corridors.	**Present.** The trees along the ephemeral drainage represent potential nesting habitat, and the Annual Brome Grasslands/VPC throughout the Study Area represent potential foraging habitat for this species. This species has been documented foraging within the Study Area.
Circus cyaneus Northern harrier	--	CSC	Nests in emergent wetland/marsh, open grasslands, or savannah habitats. Forages in open areas such as marshes, agricultural fields, and grasslands.	**High.** The Annual Brome Grasslands/VPC throughout the Study Area are suitable nesting and foraging habitat for this species.
Contopus cooperi Olive-sided flycatcher	--	CSC	Summer resident in California. Nests in conifer forests. Spring and fall transient in woodlands in the Central Valley.	**No Habitat Present.** Woodlands do not occur within the Study Area.
Elanus leucurus White-tailed kite	--	CFP	Open grasslands, fields, and meadows are used for foraging. Isolated trees in close proximity to foraging habitat are used for perching and nesting.	**High.** The trees along the ephemeral drainage represent potential nesting habitat, and the Annual Brome Grasslands/VPC throughout the Study Area represent potential foraging habitat for this species.
Haliaeetus leucocephalus Bald eagle	FD	CE	Nest in large trees within 1 mile of lakes, rivers, or larger streams.	**No Habitat Present.** No foraging habitat or suitably large trees are present within the Study Area
Lanius ludovicianus Loggerhead shrike	--	CSC	Occurs in open areas with sparse trees, shrubs, and other perches.	**High.** The Annual Brome Grasslands/VPC throughout the Study Area represent suitable foraging habitat for loggerhead shrike, and the trees within the Study Area provide suitable nesting habitat.

Table 4. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Laterallus jamaicensis coturniculus **California black rail**	--	CT	Nests and forages in salt, brackish, and fresh marshes with abundant vegetative cover.	**No Habitat Present.** No marshes occur within the Study Area.
Mammals				
Antrozous pallidus *Pallid bat*	--	CSC, WBWG H	Roosts in crevices in rocky outcrops and cliffs, caves, mines, trees (e.g., basal hollows of coast redwoods and giant sequoias, bole cavities of oaks, exfoliating bark, deciduous trees in riparian areas, and fruit trees in orchards), bridges, barns, porches, bat boxes, and human-occupied as well as vacant buildings (WBWG 2023).	**High.** Suitable roosting habitat for this species is present in tree hollows and under exfoliating bark on trees scattered throughout the Study Area.
Corynorhinus townsendii townsendii *Townsend's big-eared bat*	--	CC, WBWG H	Roosts in caves and cave analogues, such as abandoned mines, buildings, bridges, rock crevices and large basal hollows of coast redwoods and giant sequoias. Extremely sensitive to human disturbance. (WBWG 2023).	**No Habitat Present.** No caves or cave-analogues occur within the Study Area.
Lasionycteris noctivagans *Silver-haired bat*	--	WBWG M	Roosts in abandoned woodpecker holes, under bark, and occasionally in rock crevices. It forages in open wooded areas near water features.	**No Habitat Present.** No woodlands occur within the Study Area.

Table 4. Special-Status Species with Potential to Occur within the Study Area

Scientific Name **(Common Name)**	**Federal Status[1]**	**State Status[1]**	**Habitat Requirements**	**Potential for Occurrence**
Lasiurus blossevillii *Western red bat*	--	CSC, WBWG H	Roosts primarily in the foliage of trees or shrubs (WBWG 2023). Day roosts are commonly in edge habitats adjacent to streams or open fields, in orchards, and sometimes in urban areas. There may be an association with intact riparian habitat (particularly willows, cottonwoods, and sycamores) (WBWG 2023).	**No Habitat Present.** No intact riparian habitat or edge habitats occur within the Study Area.
Lasiurus cinereus *Hoary bat*	--	WBWG M	Roosts primarily in foliage of both coniferous and deciduous trees at the edges of clearings (WBWG 2023).	**No Habitat Present.** No edge habitats occur within the Study Area.
Taxidea taxus *American badger*	--	CSC	This species prefers dry open fields, grasslands, and pastures.	**High.** The Annual Brome Grasslands/VPC throughout the Study Area represent potential habitat for this species.

[1] *Status Codes:*

CC - CDFW Candidate for Listing
CE - CDFW Endangered
CFP - CDFW Fully Protected
CRPR - California Rare Plant Rank
CSC - CDFW Species of Concern
CT - CDFW Threatened
FE - Federally Endangered
FT - Federally Threatened
WBWG M - Western Bat Working Group Medium Threat Rank
WBWG H - Western Bat Working Group High Threat Rank

5.1 Plants

Protocol-level plant surveys conducted in 2005 and 2023 were negative; therefore, no special-status plants are present within the Study Area. The survey report for the 2023 surveys is included as **Attachment C**.

5.2 Invertebrates

5.2.1 Vernal Pool Fairy Shrimp

The vernal pool fairy shrimp (*Branchinecta lynchi*) is listed as threatened pursuant to the federal Endangered Species Act. Historically, the range of vernal pool fairy shrimp extended throughout the Central Valley of California. Vernal pool fairy shrimp populations have been found in several locations throughout California, with habitat extending from Stillwater Plain in Shasta County through the Central Valley to Pixley in Tulare County, and along the Central Coast range from northern Solano County to Pinnacles National Monument in San Benito County (Eng et al. 1990, Fugate 1992). Additional populations occur in San Luis Obispo, Santa Barbara, and Riverside counties. The historic and current ranges of vernal pool fairy shrimp are very similar in extent; however, the remaining populations are more fragmented and isolated than during historical times (USFWS 2005). The life cycle of vernal pool fairy shrimp is adapted to seasonally inundated features such as vernal pools, seasonal wetlands, and seasonal wetland swales. Fairy shrimp embryos survive the dry season in cyst form. Cysts "hatch" soon after pools become inundated during the wet season. Fairy shrimp complete their life cycle quickly and feed on small particles of detritus, algae, and bacteria (Eriksen and Belk 1999).

The vernal pools within the Study Area represent suitable habitat for this species. The CNDDB lists 37 occurrences within five miles, two of which are within one mile. One of these records is a wet-season positive occurrence from 2008 (Occurrence #736). Many of the other vernal pool fairy shrimp records within five miles are located in undeveloped, permanently protected areas north of the Study Area.

5.2.2 Monarch Butterfly

The monarch butterfly (*Danaus plexippus*) is a FESA candidate species. It is a large conspicuous species that occurs in North, Central, and South America; Australia; New Zealand; islands of the Pacific and Caribbean, and elsewhere (Malcolm and Zalucki 1993 in USFWS 2020). During the breeding season, monarchs lay their eggs on their obligate milkweed host plant (*Asclepias* spp.), and larvae emerge after two to five days (Zalucki 1982 in USFWS 2020). Larvae develop over a period of 9 to 18 days, feeding on the milkweed and then pupate into chrysalis before eclosing 6 to 14 days later as an adult butterfly (USFWS 2020). Multiple generations of monarchs are produced during the breeding season, with most adult butterflies living approximately two to five weeks (USFWS 2020).

In California, monarchs continue to occupy and breed in areas near their overwintering groves along the California coast into northern Baja California throughout the year, and also disperse over multiple generations to occupy and breed throughout the state in the spring through fall (USFWS 2020). Migrating

monarchs in western North America tend to occur more frequently near water sources such as rivers, creeks, roadside ditches, and irrigated gardens (Morris et al. 2015 in USFWS 2020). Adult monarch butterflies require a diversity of blooming nectar resources during breeding and migration (spring through fall). Monarchs also need milkweed (for both oviposition and larval feeding) embedded within this diverse nectaring habitat.

Narrow-leaf milkweed (*Asclepias fasciculata*) plants occur with relative frequency along the ephemeral drainage through the center of the Study Area and represent suitable breeding habitat for this species. Native forbs provide additional floral resources; however, blooms peak early in the year, and most are gone during this species' peak breeding season. The CNDDB does not contain any records of this species within five miles of the Study Area, but it is known to occur occasionally throughout the region.

5.2.3 Vernal Pool Tadpole Shrimp

The vernal pool tadpole shrimp (*Lepidurus packardi*) is listed as endangered pursuant to the federal Endangered Species Act. The historic range of the vernal pool tadpole shrimp likely extended throughout the Central Valley of California and has been documented from east of Redding in Shasta County south to Fresno County, and from the San Francisco Bay Wildlife Refuge in Alameda County. The historic and current ranges of vernal pool tadpole shrimp are very similar in extent; however, the remaining populations are more fragmented and isolated than during historical times (USFWS 2005).

This species is associated with long-duration seasonal pools in grasslands throughout the northern and eastern portions of the Central Valley (USFWS 2005). Suitable vernal pools and seasonal swales are generally underlain by hardpan or sandstone. Much like vernal pool fairy shrimp, vernal pool tadpole shrimp are adapted to seasonally inundated features such as vernal pools, seasonal wetlands, and seasonal wetland swales (USFWS 2005).

Large vernal pools within the Study Area represent suitable habitat for this species. The CNDDB lists three occurrences within five miles but identifies two of the records as possible extirpated (Occurrence #24 and #329). The remaining occurrence (#27, recorded in 2013) is several pools located within a protected area about 4.2 miles northwest of the Study Area.

5.3 Amphibians

5.3.1 Western Spadefoot

The western spadefoot (*Spea hammondii*) is not federally or state listed but is a CDFW species of special concern. This amphibian is a nocturnal animal that forages in grassland, open chaparral, and pine-oak woodlands for a variety of invertebrates such as insects and worms (USFWS 2005). Western Spadefoot breeds from January through May in variety of temporary wetlands including creeks, pools in intermittent drainages, vernal pools, and seasonal wetlands, and other fish-free water features. The tadpoles develop in 3 to 11 weeks and must complete their metamorphosis before the temporary pools dry. Post-metamorphic

juveniles feed and then immediately seek underground refugia. Following metamorphosis, the adults are largely terrestrial in nature and will burrow into sandy or gravelly soils utilizing the "spades" on the hind feet. The majority of the adult's life is spent in underground burrows (USFWS 2005). In Placer County, western spadefoot are known to breed in relatively deep man-made features, such as ponded areas adjacent to railroad tracks, and in intermittent drainage plunge pools or similar pools that hold water through late spring (CNDDB 2023).

The vernal pools and seasonal wetlands within the Study Area represent suitable breeding habitat for western spadefoot and the surrounding Annual Brome Grasslands/VPC provides suitable dry-season habitat. There are ten documented CNDDB occurrences of western spadefoot within five miles of the Study Area, the nearest of which (CNDDB Occurrence #1298) is located approximately 1.6 miles north of the site (**Figure 2**) (CNDDB 2023).

5.4 Birds

5.4.1 Tricolored Blackbird

Tricolored blackbirds (*Agelaius tricolor*) are not federally listed but are state listed as threatened. In addition, tricolored blackbird is listed by CDFW as a species of special concern. Historically, colonies were established in freshwater marshes dominated by cattails (*Typha* spp.) and bulrushes (*Schoenoplectus* spp.). More recently, they have utilized non-native mustards (*Brassica* spp.), blackberries (*Rubus* spp.), thistles (*Cirsium* spp.), and mallows (*Malva* spp.) as nesting substrate (Shuford and Gardali 2008). Since the 1980s, the largest colonies have been observed in the San Joaquin Valley in cultivated fields of triticale, which is a hybrid of wheat and rye often grown as livestock fodder. This species forages in open areas typically within approximately 3 miles of the nesting colony.

No nesting habitat is present within the Study Area, but the Annual Brome Grasslands/VPC provide suitable foraging habitat. The CNDDB lists ten nesting colonies within five miles, the closest of which is approximately two miles to the north near the confluence of Ingram Slough and Orchard Creek (Occurrence #937, recorded in 2017). The Cornell Lab of Ornithology's eBird database shows recent occurrences of foraging tricolored blackbird (2021, 2022) within about a mile of the Study Area (Cornell Lab 2023).

5.4.2 Golden Eagle

The golden eagle (*Aquila chrysaetos*) is not federally or state listed, but is a CDFW species of special concern and a fully protected species. It is a very large solitary raptor which forages in large, expansive open grasslands and savannahs, and nests on cliff ledges or in large, lone trees in rolling to mountainous terrain (Shuford and Gardali 2008). Though its natural densities are generally believed to be low, it once was relatively common to the open areas of California.

There are no trees of sufficient size to provide suitable nesting habitat within the Study Area; however, the Annual Brome Grassland/VPC throughout is suitable foraging habitat. Golden eagle has not been documented in the CNDDB within five miles of the Study Area (CNDDB 2023).

5.4.3 Burrowing Owl

Burrowing owl (*Athene cunicularia*) is not listed pursuant to either the California or federal Endangered Species Acts; however, it is designated as a species of special concern by the CDFW. They typically inhabit dry open rolling hills, grasslands, desert floors, and open bare ground with gullies and arroyos. This species typically uses burrows created by fossorial mammals, most notably the California ground squirrel, but may also use man-made structures such as culverts; cement, asphalt, or wood debris piles; or openings beneath cement or asphalt pavement (CDFG 1995). The breeding season extends from February 1 through August 31 (CBOC 1993, CDFG 1995).

Although few ground squirrel burrows are present, debris scattered throughout the Study Area could provide artificial burrows for burrowing owl. The Annual Brome Grassland/VPC, pasture, and wheat fields provide suitable foraging habitat for this species. The CNDDB lists two occurrences within five miles, one of which is from Moore Ranch about 1.9 miles northwest of the Study Area (Occurrence #1177, recorded in 2008). The Study Area has suitable habitat, and this species has been documented sheltering below a discarded tire in the southern portion of the Study Area during winter surveys (**Figure 4**).

5.4.4 Grasshopper Sparrow

The grasshopper sparrow (*Ammodramus savannarum*) is not listed and protected pursuant to either the California or federal Endangered Species Acts; but is a CDFW species of special concern. Grasshopper sparrows are a migratory species that occurs in California primarily as a summer resident from March through September (breeding generally from March through August) (Shuford and Gardali 2008). Their winter range is not well understood. Grasshopper sparrows generally occur in short to middle-height moderately open grasslands with scattered shrubs (Shuford and Gardali 2008).

The Annual Brome Grassland/VPC throughout the Study Area is suitable foraging habitat. There is one documented occurrence of grasshopper sparrow within five miles of the site in the CNDDB (**Figure 2**) (CNDDB 2023). This record (CNDDB Occurrence #8) is from 1998 and is northeast of the Study Area, on the east side of Highway 65. Cornell Lab's eBird database lists several confirmed recent occurrences in the vicinity of the Study Area (Cornell Lab 2023).

5.4.5 Swainson's Hawk

Swainson's hawk (*Buteo swainsoni*) is a raptor species that is not federally listed, but is listed as threatened by CDFW. Breeding pairs typically nest in tall trees associated with riparian corridors, and forage in grassland, irrigated pasture, and cropland with a high density of rodents (Shuford and Gardali 2008). The

Central Valley populations breed and nest in the late spring through early summer before migrating to Central and South America for the winter (Shuford and Gardali 2008).

The Annual Brome Grasslands/VPC throughout the Study Area represent suitable foraging habitat for Swainson's hawk, and the trees within the Study Area provide suitable nesting habitat. The CNDDB lists four occurrences within five miles of the Study Area, the closest of which was recorded within a residential subdivision in 2009, about 0.7 mile south of the Study Area (Occurrence #2115). This species has been observed foraging over the Study Area.

5.4.6 Northern Harrier

The northern harrier (*Circus cyaneus*) is not listed pursuant to either the California or federal Endangered Species Acts; however, it is considered to be a species of special concern by the CDFW. This species is known to nest within the Central Valley, along the Pacific Coast, and in northeastern California (Shuford and Gardali 2008). The northern harrier is a ground nesting species, and typically nests in emergent wetland/marsh, open grasslands, or savannah habitats. Foraging occurs within a variety of open habitats such as marshes, agricultural fields, and grasslands (Shuford and Gardali 2008).

The Annual Brome Grasslands/VPC throughout the Study Area are suitable nesting and foraging habitat for this species. Northern harrier has not been documented in the CNDDB within five miles of the Study Area (CNDDB 2023).

5.4.7 White-Tailed Kite

White-tailed kite (*Elanus leucurus*) is not federally or state listed but is a CDFW fully protected species. This species is a yearlong resident in the Central Valley and is primarily found in or near foraging areas such as open grasslands, meadows, farmlands, savannahs, and emergent wetlands (Shuford and Gardali 2008). White-tailed kites typically nest from March through June in trees within riparian, oak woodland, and savannah habitats of the Central Valley and Coast Range (Shuford and Gardali 2008).

The Annual Brome Grasslands/VPC throughout the Study Area represent suitable foraging habitat for white-tailed kite, and the trees within the Study Area provide suitable nesting habitat. There is one documented occurrence of a white-tailed kite nest within five miles of the site in the CNDDB (**Figure 2**) (CNDDB 2023). This record (CNDDB Occurrence #56), which is located approximately 2.2 miles south of the Study Area, near the Woodcreek Golf Club (CNDDB 2023).

5.4.8 Loggerhead Shrike

The loggerhead shrike (*Lanius ludovicianus*) is not listed and protected pursuant to either the California or federal Endangered Species Acts; but is a CDFW species of special concern. Loggerhead shrikes nest in small trees and shrubs in woodland and savannah vegetation communities, and forage in open habitats throughout California (Shuford and Gardali 2008). The nesting season ranges from March through June.

The trees and Annual Brome Grassland/VPC provide suitable foraging and nesting habitat for loggerhead shrike. Loggerhead shrike has not been documented in the CNDDB within five miles of the Study Area (CNDDB 2023).

5.5 Mammals

5.5.1 Pallid Bat

Pallid bat (*Antrozous pallidus*) is not federally or state listed, but is considered a CDFW species of special concern, and is classified by the WBWG as a High priority species. It favors roosting sites in crevices in rock outcrops, caves, abandoned mines, hollow trees, and human-made structures such as barns, attics, and sheds (WBWG 2023). Though pallid bats are gregarious, they tend to group in smaller colonies of 10 to 100 individuals. It is a nocturnal hunter and captures prey in flight, but unlike most American bats, the species has been observed foraging for flightless insects, which it seizes after landing (WBWG 2023).

Tree hollows and exfoliating bark on trees throughout the Study Area, and barns and buildings throughout the site represent suitable day and maternity roosting habitat for pallid bat. Pallid bat has not been documented in the CNDDB within five miles of the Study Area (CNDDB 2023).

5.5.2 American Badger

The American badger (*Taxidea taxus*) is not federally or state listed but is designated as a species of special concern by CDFW. The species historically ranged throughout much of the state except in humid coastal forests. Badgers were once numerous in the Central Valley; however, populations now occur in low numbers in the surrounding peripheral parts of the valley and in the adjacent lowlands of eastern Monterey, San Benito, and San Luis Obispo counties (Williams 1986). Badgers occupy a variety of habitats, including grasslands and savannas. The principal requirements seem to be significant food supply, friable soils, and relatively open uncultivated ground (Williams, 1986).

The Annual Brome Grassland/VPC throughout the Study Area provides suitable habitat for this species. American badger has not been documented in the CNDDB within five miles of the Study Area (CNDDB 2023).

6.0 IMPACTS TO SENSTIVE BIOLOGICAL RESOURCES

Impacts analyzed within this section include both permanent and temporary impacts. Permanent impacts will result from site grading, pad development, and supporting infrastructure within the development area and from road crossings, bike trail and pedestrian paths, utility lines, and stormwater infrastructure in the open space. Temporary impacts may occur along either side of crossings through the open space area and will occur where two storm water outfalls enter the ephemeral drainage in the open space area. Additionally, three stormwater outfalls will be construction along the southern edge of the open space area. These stormwater outfalls will consist of rock-lined swales (for energy dissipation), and as such have been

considered permanent land conversion in **Tables 4** and **5** and on **Figures 7** and **8**. However, following their installation, no further development activity is expected in these areas. They will be managed as part of the open space and maintained for proper function as needed. Additional stormwater basins may be designed to discharge or be located in the open space as detailed plans are developed for campus construction.

Temporary impacts are impacts that will occur for less than one year's time before the area is restored and will involve activities including but not limited to: slope grading, utility trenching, bridge installation, and heavy equipment access into areas adjacent to proposed crossings.

Portions of depressional aquatic resources that are being only partially temporarily or permanently impacted are shown on **Figure 7** to be experiencing temporary permanent land cover conversion throughout the entire feature. Please note that impacts will only occur within a small portion of each of these features but following recent Placer Conservation Authority (PCA) guidance, those impacts are considered to apply to the entire feature.

Note that the Placer One project surrounds this Study Area, and stormwater infrastructure development associated with this project has already commenced along the southern edge of this Study Area in the Placer One Overlap Area. Roadway and stormwater infrastructure that will be utilized by both that development and this Project have been permitted and are currently in construction in this area. As these infrastructure components will be utilized by both projects, the impacts have been analyzed as part of this Project as well but have been broken out in each of the impact summary tables below.

6.1 Aquatic Resources

Of the 15.465 acres of mapped aquatic resources within the Study Area, 3.427 acres will be permanently impacted by Placer Center, 0.266 will be temporarily impacted by Placer Center, 0.414 acres will be permanently impacted within the Placer One Overlap Area, and 0.004 acres will be temporarily impacted within the Placer One Overlap Area. This combines to 3.871 acres that will be permanently impacted within the Study Area, 0.270-acre will be temporarily impacted within the Study Area, and 11.325 acres will be avoided (**Table 4** and **Figure 8**). Please note that for depressional vernal pool constituents (vernal pools and seasonal wetlands), impact acreages (both permanent and temporary) assume the entire feature is affected ("touch it, take it") and account for the entire feature in the impact total even if the vast majority of the feature will be avoided within the open space area.

6.2 Terrestrial Land Covers

Of the 301.23 acres of Vernal Pool Complex Land Covers within the Study Area, 197.01 acres will be permanently impacted by Placer Center, 4.42 acres will be temporarily impacted by Placer Center, 19.55 acres will be permanently impacted within the Placer One Overlap Area, and none will be temporarily impacted within the Placer One Overlap Area. This combines to 216.55 acres that will be permanently impacted within the Study Area, 4.42 acres will be temporarily impacted within the Study Area, and 80.25 acres will be avoided (**Table 5** and **Figure 7**).

Table 5. Aquatic Resource Impacts within the Study Area

	Placer Center		Placer One Overlap		Total		
Resource Type	Permanent Impacts (acres)	Temporary Impacts (acres)	Permanent Impacts (acres)	Temporary Impacts (acres)	Permanent Impacts (acres)	Temporary Impacts (acres)	Avoided (acres)
Seasonal Wetland	1.560	0.098	0.215	0.000	1.775	0.098	0.2311
Seasonal Wetland Swale	1.399	0.089	0.093	0.000	1.492	0.089	4.739
Vernal Pool	0.451	0.065	0.091	0.000	0.542	0.065	3.177
Ephemeral Drainage	0.047	0.014	0.015	0.004	0.062	0.018	1.098
Totals[1]	**3.427**	**0.266**	**0.414**	**0.004**	**3.871**	**0.270**	**11.325**

[1] Summation errors may occur due to rounding.

Table 6. Land Cover Impacts within the Study Area

	Placer Center		Placer One Overlap		Total		
Resource Type	Permanent Impacts (acres)	Temporary Impacts (acres)	Permanent Impacts (acres)	Temporary Impacts (acres)	Permanent Impacts (acres)	Temporary Impacts (acres)	Avoided (acres)
Vernal Pool Complex Low	191.45	2.02	17.70	0.00	209.15	2.02	37.70
Vernal Pool Complex High	5.56	2.40	1.84	0.00	7.41	2.40	42.55
Totals[1]	**197.01**	**4.42**	**19.55**	**0.00**	**216.55**	**4.42**	**80.25**

[1] Summation errors may occur due to rounding.

6.3 Special-Status Plant Species

The vegetation communities proposed for impact represent suitable habitat for a variety of special-status plant species. Protocol-level special-status plant surveys were conducted throughout the Study Area in 2005 and 2023, and no special-status plants were found. Therefore, no special-status plants are anticipated to be impacted by the Project.

6.4 Vernal Pool Branchiopods

The 7.968 acres of depressional vernal pool constituent habitat within the Project Area is potential habitat for vernal pool fairy shrimp and vernal pool tadpole shrimp. Up to 2.317 acre of vernal pool branchiopod habitat will be permanently impacted by the Project.

6.5 Monarch

The Study Area is known to support milkweed, the host plant for monarch butterfly. This species could be adversely affected if construction activity results in the removal of milkweed plants being actively utilized by monarch (either supporting eggs or feeding caterpillars) at the time of construction.

6.6 Western Spadefoot

The seasonal wetlands and vernal pools being impacted by the Project represent suitable breeding habitat for western spadefoot and the surrounding Annual Brome Grasslands/VPC within 300 feet provide suitable upland habitat. A total of 2.317 acres of suitable breeding habitat will be permanently impacted by Project construction. An additional 0.163 acre of suitable aquatic habitat will be temporarily impacted by Project construction.

6.7 Nesting Raptors and Songbirds

Swainson's hawk, white-tailed kite, northern harrier, tricolored blackbird, and loggerhead shrike have the potential to nest within the Study Area, as do other more common bird species protected by the MBTA. If they were nesting on-site, removal of the nests would impact these species. Furthermore, birds nesting in avoided areas adjacent to construction could be disturbed by construction, which could result in nest abandonment.

6.8 Foraging Raptors

The Annual Brome Grassland/VPC areas within the Study Area provide suitable foraging habitat for Swainson's hawk, white-tailed kite, northern harrier, and other more common raptors. Removal of this foraging habitat could indirectly impact these species by reducing food available to them.

A total of 216.55 acres of Annual Brome Grassland/VPC that currently provides raptor foraging habitat will be permanently impacted by the Project.

6.9 Burrowing Owl

The Annual Brome Grassland/VPC areas, pasture, and wheat fields within the Study Area provide suitable foraging habitat for burrowing owl, and occasional ground-squirrel burrows and debris throughout the Study Area provide marginally suitable burrow habitat. If ground disturbance occurred while burrowing owls were in burrows, individuals of this species could be killed.

A total of 216.55 acres of Annual Brome Grassland/VPC that currently provides marginal burrowing owl habitat will be permanently impacted by the Project.

6.10 Roosting Bats

Trees scattered throughout the Study area are habitat for pallid bat. If pallid bats were roosting in trees or buildings to be removed by construction of the Project, they could be injured or killed during the removal.

6.11 American Badger

The Annual Brome Grassland/VPC within the Study Area provides marginally suitable habitat for American badger. If ground disturbance occurred while American badger were in burrows, individuals of this species could be killed.

A total of 216.55 acres of Annual Brome Grassland/VPC that currently provides American badger habitat will be permanently impacted by the Project.

6.12 Sensitive Natural Communities

No sensitive natural communities have been mapped within the Study Area; therefore, no sensitive natural communities are expected to be impacted by the Project.

6.13 Wildlife Corridors

The existing expansive Annual Brome Grassland/VPC does not currently contain well-defined wildlife corridors as there are currently no barriers to movement, and the habitats are relatively consistent throughout. However, the Project has been designed to incorporate a broad wildlife corridor along the Stream System through the center of the Project. The only potential barrier to wildlife movement along the Stream System will be minor trail crossings and a larger roadway crossing. The roadway crossing will be designed to be large enough to accommodate terrestrial wildlife movement through the culverts or in upland areas adjacent to the drainage. As such, negative impacts to wildlife corridors are not expected.

6.14 PCCP Special Habitats and CARP Drainage Setbacks

Impacts to PCCP Special Habitats are summarized in **Table 6** and shown on **Figure 8**. The CARP Drainage setback is a 50-foot buffer off of the ephemeral drainage and has been incorporated into the Stream System shown on **Figure 8**. As outlined in **Section 2.3.1**, impacts are allowed within the CARP Drainage Setbacks, but those impacts must be associated with certain allowable facilities. Although some permanent impacts within the CARP Drainage Setbacks have been proposed, all of the impacts in those areas are associated with trails, bridges or other creek crossings, or critical utility infrastructure or roadway impacts that cannot be avoided. As some of the impacts are associated with creek crossings, some of the work occurs immediately adjacent to the drainages. None of the CARP Drainage Setback permanent impacts are associated with development of structures.

The expected immediate watershed impacts were calculated using a 250-foot buffer from the permanent impact area, except where that buffer crosses a drainage or swale. Vernal pool constituents on the opposite side of a drainage or swale from permanent impacts are not expected to experience immediate watershed effects, as shown on **Figure 8**. Temporarily impacted vernal pool constituents (summarized in **Table 4**, above) are also expected to experience immediate watershed effects following their restoration; as such, they have been included in the acreages in **Table 6** below. Additionally, vernal pool constituents in most of the undeveloped portions of the PRSP surrounding the Study Area were not assessed immediate watershed effects, but those in adjacent future proposed open space areas were included in the immediate watershed effects total in **Table 6** below. This is in accordance with recent PCA guidance and is shown graphically on **Figure 8**.

Project impacts have been designed to avoid the vast majority of the Stream System, and in one location will also avoid a large area of vernal pool constituent habitat adjacent to but outside of the Stream System. However, impacts will encroach into the Stream System in a few areas. The vast majority of these impacts will be associated with stormwater infrastructure and road and trail crossings. Two of the Stream System impact areas will be other uses: the northwestern impact area will be an athletic field, and the central impact area will involve construction of buildings for student housing. The Project proponent has worked to design the Project to minimize impacts overall and especially to wetlands in the Stream System to the extent practicable. **Table 6** and **Figure 8** show Project-related Stream System impacts.

7.0 AVOIDANCE AND MINIMIZATION MEASURES

Mitigation for impacts to PCCP Covered Species and land covers has been streamlined through participation in the PCCP and impacts to Waters of the U.S. has been streamlined through participation in the CARP. This Project could also result in impacts to special-status species that are not PCCP Covered Species; therefore, mitigation for these species is detailed separately, below.

The Project will be constructed in phases over many years. Planning level surveys under the PCCP as well as preconstruction surveys under both the PCCP and non-PCCP permitting frameworks must be implemented according to the timing requirements outlined in each mitigation measure. Therefore, if such

Table 7. Impacts to PCCP Special Habitats within the Study Area

Special Habitat/Setback	Placer Center Permanent Impacts (acres)	Placer Center Temporary Impacts (acres)	Placer One Overlap Permanent Impacts (acres)	Placer One Overlap Temporary Impacts (acres)	Total Permanent Impacts (acres)	Total Temporary Impacts (acres)	Avoided (acres)
PCCP Special Habitats							
Vernal Pool Direct Effects	3.410	0.252[1]	0.399	0.000	3.809	0.252[1]	10.227
VP Immediate Watershed	9.632[1]	0.000	0.000	0.000	9.632[1]	0.000	0.595
Other Aquatic/Wetland	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Riverine/Riparian	0.047	0.014	0.015	0.014	0.062	0.018	1.098
Riverine/Riparian Buffer	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stream System[2]	2.82	2.15	3.50	0.00	6.32	2.15	56.93
Salmonid Stream Channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00

[1] All temporary vernal pool constituent habitat impacts overlap with permanent immediate watershed impacts, and will pay both Special Habitat Fees.

[2] Stream system acreages and impacts overlap with other special habitats, including vernal pool constituent habitat, riverine habitat, and immediate watersheds.

surveys are conducted for more than one phase but only a portion of that phase ends up going to construction in a given year, these surveys may have to be redone depending on the life of the survey.

7.1 Aquatic Resources

- At the present time (June 2023), the USACE has disclaimed jurisdiction over all of the aquatic resources in the Study Area. In the event that in the future the USACE determines that the aquatic resources within the Study Area are subject to their jurisdiction, then the applicant shall obtain a Letter of Permission from the USACE as outlined in the CARP.
- Additionally, the Project will require Waste Discharge Requirements (WDRs) and/or a Water Quality Certification from the Central Valley Regional Water Quality Control Board (RWQCB) depending on the limit of federal jurisdiction to wetlands and waters of the U.S. in place at the time the Project moves forward. A copy of the WDRs/401 Water Quality Certification will be provided to the PCA when received. All avoidance and minimization measures specified in the WDRs will be applied as necessary and appropriate.
- Prior to construction, the Project proponent will complete a stormwater pollution prevention plan (SWPPP) as required to comply with the Regional Water Quality Control Board's (RWQCB's) General Order 2009-0009-DWQ for construction-related storm water discharges. The SWPPP must include PCCP and CARP-required storm water protection measures.
- The applicant shall apply for a Section 1600 Lake or Streambed Alteration Agreement from CDFW for the entire Project or by phase as needed and implement the final Agreement measures.

Note that the Lake and Streambed Alteration Agreement program is not fully integrated into the PCCP and must be applied for separate and apart from the PCCP. Minimization and avoidance measures are expected to follow the PCCP AMMs.

7.2 PCCP Application

At this time the CSU is intending to proceed as a Participating Special Entity and therefore will apply for coverage under the PCCP to mitigate for all impacts to Covered Species and land cover. Prior to application approval, additional species surveys may be necessary, and prior to construction land cover and special habitat fees shall be paid. The CSU will comply with the terms of the PCCP Coverage Certificate, including compliance with all Avoidance and Minimization Measures, which may include pre-construction surveys, construction monitoring, and BMPs. Based on Project Impacts, the following PCCP measures will be required, subject to PCA confirmation:

- General Conditions 1, 2, 3, 4, and 5
- Community Conditions 1.1 and 1.4
- Community Conditions 2.1 and 2.2
- Stream System Conditions 1 and 2
- Species Condition 1, Swainson's Hawk
- Species Condition 3, Western Burrowing Owl
- Species Condition 4, Tricolored Blackbird

- Species Condition 10, Vernal Pool Fairy Shrimp and Vernal Pool Tadpole Shrimp
- CARP Authorization Conditions
- LSAA Conditions
- CARP BMPs (Appendix C-1 of the CARP)

As proposed, the Project will involve small permanent and temporary impacts to the ephemeral drainage and vernal pool constituents that are within the open space that supports the drainage and its corresponding Stream System associated with road crossings, trails, and storm water infrastructure. Complete avoidance of the Stream System is not possible, and special habitat fees for encroachment may apply. Temporarily disturbed areas will be restored to pre-construction conditions within one year using materials and seed mixes appropriate for the land cover type and habitat requirements of wildlife that may use the area. Regardless, the PCA may require temporary impact fees for work within the open space.

Placer County has identified a suite of mitigation measures that apply to projects subject to the PCCP and that are undergoing Placer County discretionary CEQA review. Although the CSU will be the Lead Agency for this document and is not obligated to utilize this language specifically, we recommend utilizing the Placer County text as the County administers the PCCP and we expect that in that capacity, they desire consistency in the mitigation measure language. We have modified the text slightly where it requires construction or entitlement oversight by the County that is not required due to the sovereignty of the CSU. Based on the resources present in the Study Area, we expect that the following measures will be included in the mitigation monitoring and reporting program for the Project.

7.2.1 General Condition 1, Watershed Hydrology and Water Quality

Prior to Improvement Plan approval, the Project shall obtain coverage under the General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit Order 2009-0009-DWQ); including requirements to develop a project-based Storm Water Pollution Prevention Plan (SWPPP); and applicable NPDES program requirements as implemented by the County. Construction activity subject to this permit includes clearing, grading and disturbances to the ground such as stockpiling, or excavation.

The Project shall comply with the West Placer Storm Water Quality Design Manual (Design Manual).
The Project shall implement the following BMPs. This list shall be included on the Notes page of the improvement/grading plans and shall be shown on the plans:

1. When possible, vehicles and equipment will be parked on pavement, existing roads, and previously disturbed areas. When vehicle parking areas are to be established as a temporary facility, the site will be recovered to pre-Project or ecologically improved conditions within 1 year of start of groundbreaking to ensure effects are temporary (refer to Section 6.3.1.4, General Condition 4, Temporary Effects, for the process to demonstrate temporary effects).
2. Trash generated by Covered Activities will be promptly and properly removed from the site.

3. Appropriate erosion control measures (e.g., fiber rolls, filter fences, vegetative buffer strips) will be used on site to reduce siltation and runoff of contaminants into avoided wetlands, ponds, streams, or riparian vegetation.
    a. Erosion control measures will be of material that will not entrap wildlife (i.e., no plastic monofilament). Erosion control blankets will be used as a last resort because of their tendency to biodegrade slowly and trap reptiles and amphibians.
    b. Erosion control measures will be placed between the area of disturbance and any avoided aquatic feature, within an area identified with highly visible markers (e.g., construction and erosion-control fencing, flagging, silt barriers) prior to commencement of construction activities. Such identification will be properly maintained until construction is completed and the soils have been stabilized.
    c. Fiber rolls used for erosion control will be certified by the California Department of Food and Agriculture or any agency that is a successor or receives delegated authority during the permit term as weed free.
    d. Seed mixtures applied for erosion control will not contain California Invasive Plant Council–designated invasive species (http://www.cal-ipc.org/paf/) but will be composed of native species appropriate for the site or sterile non-native species. If sterile non-native species are used for temporary erosion control, native seed mixtures must be used in subsequent treatments to provide long-term erosion control and slow colonization by invasive non-natives.
4. If the runoff from the development will flow within 100 feet of a wetland or pond, vegetated storm water filtration features, such as rain gardens, grass swales, tree box filters, infiltration basins, or similar LID features to capture and treat flows, shall be installed consistent with local programs and ordinances.

7.2.2 General Condition 2, Conservation Lands: Development Interface Design Requirements

The Project shall minimize effects on adjacent conservation lands through implementation of the following design requirements:

1. Signage will be posted to notify of any usage restrictions and to educate the public on the sensitivity of the area and usage restrictions.
2. Fencing will be installed at the boundary between developed areas and reserves to prevent illegal access by people and pets, unless the conditions on the reserve make trespass unlikely (i.e., surrounded by canals that are difficult to cross). Fences will be suitable to the conditions in the adjacent reserve. Fences will have limited gates and be designed with consideration to not allowing movement of people and their pets. Access will be limited to maintenance and monitoring activities unless a habitat management plan specifies otherwise.
3. Natural or artificial barriers or other access restrictions may be installed around development to protect sensitive land-cover types and Covered Species in the reserves. If used, barriers will be designed so they are appropriate for site conditions and the resources being protected. Some barriers should keep domestic pets outside the reserve, other barriers should keep Covered Species inside the reserve. Before installation of a barrier, consideration shall be given to freedom of

movement by Covered Species. If the barrier would prevent movement, or if the barrier would encourage species to use other, less-favorable crossings, alternative solutions shall be considered.

4. Roads constructed adjacent to reserves will be fenced to restrict unauthorized public access. Through the conditional approval process, the Permittee will only approve fencing that is appropriate (e.g., chain link, post and cable, barbwire) to allow movement of wildlife between reserves.
5. Development will be designed to minimize the length of the shared boundary between development and the reserves (i.e., minimize the urban edge, perimeter).
6. Incorporation of high-intensity lighting (e.g., floodlights used for recreational facilities and commercial parking lots) into site improvement standards near reserves will be avoided. Low-glare, no-glare, or shielded lighting will be installed in developed areas adjacent to reserves to minimize artificial lighting of reserve lands at night. The height and intensity of lights shall be kept to a minimum. Resources providing technical support include publications of the Illuminating Engineering Society of North America and its Lighting Handbook, Reference & Application, Ninth Edition, and Recommended Practices. The intent of this avoidance and minimization measure is to design a lighting system, where determined necessary, that maintains public safety and security in the Project area while curtailing the degradation of the nighttime visual environment on the reserve property by limiting nighttime light radiation and/or light spill.
7. Public facilities, such as ballparks and fields that require high-intensity night lighting (i.e., floodlights), will be sited at least 0.5 mile from the reserve boundary to minimize light pollution. Facilities may be sited closer to the Reserve System if the PCA determines the lighting system will not be intrusive to wildlife within the Reserve System (e.g., hills block the lighting).
8. For any landscaping adjacent to reserve properties, non-invasive plants will be required, and the use of native plants will be highly encouraged, consistent with current County landscape design guidelines at the time.

Any of the above design requirements, or similar requirements developed over time, that are incorporated into projects will be located within the development footprint. These Project features will be maintained by the property owners. If projects are found to be out of compliance, standard remedial actions would be applied. Violations will be reported to the PCA, CDFW and USFWS, and applicable local jurisdiction for potential enforcement.

7.2.3 General Condition 3, Land Conversion

The Project will result in a permanent land cover conversion of a portion of the Study Area from a natural condition to Urban. The Project shall pay a land conversion fee for the permanent conversion of up to approximately 216.6 acres of natural land cover including Vernal Pool Complex-Low and Vernal Pool Complex-High. Additionally, the Project may result in temporary effects to up to 4.4 acres of natural land cover. The fees to be paid shall be those in effect at the time of ground disturbance authorization for each Project step and shall be the per acre fee based on the amount of land disturbance resulting from the activity.

In addition to land conversion, the Project would result in permanent direct effects of up to 3.809 acres of vernal pool constituents (Special Habitat Fee 4a), immediate watershed effects to up to 9.632 acres of vernal pool constituents (Special Habitat Fee 4b), permanent direct effects of up to 0.062 acre of riverine habitat (Special Habitat Fee 4d), and permanent and temporary effects to 8.47 acres of stream system (Special Habitat Fee 4f) (some of which is comprised of aquatic resource overlaps). Additionally, the Project may result in temporary effects to up to 0.252 acre of vernal pool constituents (Special Habitat Fee 4a) and 0.018 acre of riverine habitat (Special Habitat Fee 4d). The total special habitat fee obligation including temporary effect fees shall be paid prior to issuance of a PCCP land conversion authorization that allows ground disturbance of a special habitat.

7.2.4 General Condition 4, Temporary Effects

The CSU shall restore all temporarily disturbed areas and, one year after Project groundbreaking, provide the PCA with a written assessment of how the performance standards were met. The Project will result in 0.270 acre of temporary effects to special habitats. Prior to issuance of land conversion authorization, the Project shall pay Special Habitat fees based on the acres of impact. The fees to be paid shall be those in effect at the time of land conversion authorization issuance. If it is determined by the PCA or the Program Biologist that the effects remain one year after groundbreaking activities have commenced, the effects shall be considered permanent and the PCA shall reassess fees based on those effects.

7.2.5 General Condition 5, Conduct Worker Training

Prior to initiation of construction activities, all Project construction personnel shall participate in a worker environmental training program that will educate workers regarding the Covered Species and their habitats, the need to avoid impacts, state and federal protection, and the legal implications of violating environmental laws and regulations. At a minimum this training may be accomplished through tailgate presentations at the Project site and the distribution of informational brochures, with descriptions of sensitive biological resources and regulatory protections, to construction personnel prior to initiation of construction work.

7.2.6 Community Condition 1.1, Avoidance of Vernal Pool Complex Constituent Habitat

Prior to land conversion authorization approval, the unavoidable permanent effects of up to 3.809 acres of vernal pool constituent habitat and 9.884 acres of vernal pool immediate watershed impact shall be mitigated through payment of special habitat fees. The fees to be paid shall be those in effect at the time of land conversion authorization issuance.

After receipt of a PCCP Certificate of Authorization and prior to construction, the Project shall retain a qualified professional to temporarily stake vernal pool constituent immediate watersheds that will be avoided to ensure construction equipment and personnel completely avoid these features. A note to this effect shall be shown on the Project's improvement or grading plans and the location of temporary fencing demonstrated on the plans. Once installed, the applicant shall notify the PCA of the temporary fencing and

provide photographs as evidence of the installation. The fencing shall remain in place for the duration of ground-disturbing activities.

7.2.7 Community Condition 1.4, Salvage of Vernal Pool Constituent Habitat

Prior to ground disturbance, the applicant shall schedule grading and construction in coordination with the PCA to provide the PCA the opportunity to salvage topsoil from the vernal pool wetland if they choose to do so. The applicant shall notify the PCA of their construction schedule within 30 days of the construction start date to allow the PCA the opportunity to salvage soils while the pools are completely dry (generally July through September) and the PCA must make salvage plans sufficiently far in advance so as to not unreasonably impair construction.

7.2.8 Community Condition 2.2, Minimize Riverine and Riparian Impacts

Prior to land conversion authorization, the applicant shall coordinate with the PCA to determine which In-Stream and Stream System Best Management Practices (BMPs) from Table 7-1 of the *PCCP User's Guide* apply to the proposed Project. The applicant shall identify the applicable BMPs on the Project's improvement or grading plans. The selected BMPs will be incorporated into the Project's Land Conversion Authorization letter.

Prior to land conversion authorization approval, the unavoidable permanent and temporary effects to 0.080 acre of riverine habitat shall be mitigated through payment of special habitat fees. The fees to be paid shall be those in effect at the time of land conversion authorization.

7.2.9 Stream System Condition 2, Stream System Mitigation and Restoration

The Project's development footprint has minor impacts to the Stream System. The area of encroachment (8.47 acres) is subject to the Stream System Encroachment Special Habitat Fee as described in Chapter 5 of the *PCCP User's Guide*. Fees must be paid prior to the issuance of any permit or authorization that results in ground disturbance within the Stream System.

Note that areas subject to Stream System encroachment fees exclude any area already subject to another constituent habitat fee, such as Riverine/Riparian fee.

7.2.10 Species Condition 1, Swainson's Hawk

If the Project cannot avoid active Swainson's hawk nest trees or includes ground disturbance within 1,320 feet of an active Swainson's hawk nest and construction must occur during the nesting season (approximately February 1 to September 15), a preconstruction survey shall be conducted within a 1,320-foot radius of the Project no more than 15 days prior to ground disturbance. Surveys shall be conducted consistent with current guidelines (Swainson's Hawk Technical Advisory Committee 2000). In instances where an adjacent parcel is not accessible to survey, the qualified biologist shall scan all potential nest trees

from the adjacent property, roadsides, or other safe, publicly accessible viewpoints, without trespassing, using binoculars and/or a spotting scope. Surveys are required from February 1 to September 15 (or sooner if it is determined that birds are nesting earlier in the year). If a Swainson's hawk nest is located and presence confirmed, only one follow-up visit is required.

During the nesting season (approximately February 1 to September 15 or sooner if it is determined that birds are nesting earlier in the year), ground-disturbing activities within 1,320 feet of occupied nests or nests under construction shall be prohibited to minimize the potential for nest abandonment. While the nest is occupied, activities outside the buffer can take place provided they do not stress the breeding pair.

If the active nest site is shielded from view and noise from the Project site by other development, topography, or other features, the Project applicant can apply to the PCA for a reduction in the buffer distance or waiver. A qualified biologist shall be required to monitor the nest and determine that the reduced buffer does not cause nest abandonment. If a qualified biologist determines nestlings have fledged, Covered Activities can proceed normally.

Construction monitoring shall be conducted by a qualified biologist and shall focus on ensuring that activities do not occur within the buffer zone. The qualified biologist performing the construction monitoring shall ensure that effects on Swainson's hawks are minimized. If monitoring indicates that construction outside of the buffer is affecting nesting, the buffer shall be increased if space allows (e.g., move staging areas farther away). If space does not allow, construction shall cease until the young have fledged from the nest (as confirmed by a qualified biologist).

The frequency of monitoring will be approved by the PCA and based on the frequency and intensity of construction activities and the likelihood of disturbance of the active nest. In most cases, monitoring will occur at least every other day, but in some cases, daily monitoring may be appropriate to ensure that direct effects on Swainson's hawks are minimized. The qualified biologist shall train construction personnel on the avoidance procedures and buffer zones.

Active (within the last 5 years) nest trees on a Project site shall not be removed during the nesting season. If a nest tree must be removed (as determined by the PCA), tree removal shall occur only between September 15 and February 1, after any young have fledged and are no longer dependent on the nest and before breeding activity begins.

7.2.11 Species Condition 3, Burrowing Owl

Two surveys shall be conducted within 15 days prior to ground disturbance to establish the presence or absence of burrowing owls. The surveys shall be conducted at least 7 days apart (if burrowing owls are detected on the first survey, a second survey is not needed) for both breeding and non-breeding season surveys. All burrowing owls observed shall be counted and mapped.

During the breeding season (February 1 to August 31), surveys shall document whether burrowing owls are nesting in or within 250 feet of the Project area.

During the non-breeding season (September 1 to January 31), surveys shall document whether burrowing owls are using habitat in or directly adjacent to any area to be disturbed. Survey results will be valid only for the season (breeding or non-breeding) during which the survey was conducted.

The Qualified Biologist shall survey the proposed footprint of disturbance and a 250-foot radius from the perimeter of the proposed footprint to determine the presence or absence of burrowing owls. The site will be surveyed by walking line transects, spaced 20 to 60 feet apart, adjusting for vegetation height and density. At the start of each transect and, at least, every 300 feet, the surveyor, with use of binoculars, shall scan the entire visible Project area for burrowing owls. During walking surveys, the surveyor shall record all potential burrows used by burrowing owls, as determined by the presence of one or more burrowing owls, pellets, prey remains, whitewash, or decoration. Some burrowing owls may be detected by their calls; therefore, observers will also listen for burrowing owls while conducting the survey. Adjacent parcels under different land ownership shall be surveyed only if access is granted. If portions of the survey area are on adjacent sites for which access has not been granted, the qualified biologist shall get as close to the non-accessible are as possible and use binoculars to look for burrowing owls.

The presence of burrowing owl or their sign anywhere on the site or within the 250-foot accessible radius around the site shall be recorded and mapped. Surveys shall map all burrows and occurrence of sign of burrowing owl on the Project site. Surveys must begin 1 hour before sunrise and continue until 2 hours after sunrise (3 hours total) or begin 2 hours before sunset and continue until 1 hour after sunset. Additional time may be required for large Project sites.

If burrowing owls are found during the breeding season (approximately February 1 to August 31, the Project applicant shall avoid all nest sites that could be disturbed by Project construction during the remainder of the breeding season or while the nest is occupied by adults or young (occupation includes individuals or family groups foraging on or near the site following fledging). The applicant shall establish a 250-foot non-disturbance buffer zone around nests. The buffer zone shall be flagged or otherwise clearly marked. Should construction activities cause the nesting bird to vocalize, make defensive flights at intruders, or otherwise display agitated behavior, then the exclusionary buffer will be increased such that activities are far enough from the nest so that the bird(s) no longer display this agitated behavior. The exclusionary buffer will remain in place until the chicks have fledged or as otherwise determined by a qualified biologist. Construction may only occur within the 250-foot buffer zone during the breeding season if a qualified raptor biologist monitors the nest and determines that the activities do not disturb nesting behavior, or the birds have not begun egg-laying and incubation, or that the juveniles from the occupied burrows have fledged and moved off site. Measures such as visual screens may be used to further reduce the buffer with CDFW approval and provided a biological monitor confirms that such measures do not cause agitated behavior.

If burrowing owls are found during the non-breeding season (approximately September 1 to January 31), the Project applicant shall establish a 160-foot buffer zone around active burrows. The buffer zone shall be

flagged or otherwise clearly marked. Measures such as visual screens may be used to further reduce the buffer with CDFW approval and provided a biological monitor confirms that such measures do not cause agitated behavior.

If burrowing owls are determined to be using burrows on site or within 250 feet of the Project area, A biological monitor shall be present on site daily to ensure that no Covered Activities occur within the buffer zone. The qualified biologist performing the construction monitoring shall ensure that effects on burrowing owls are minimized. If monitoring indicates that construction outside of the buffer is affecting nesting, the buffer shall be increased if space allows (e.g., move staging areas farther away). If space does not allow, construction shall cease until the young have fledged from all the nests in the colony (as confirmed by a qualified biologist) or until the end of the breeding season, whichever occurs first.

A biological monitor shall conduct training of construction personnel on the avoidance procedures, buffer zones, and protocols in the event a burrowing owl flies into an active construction zone.

If burrowing owls are determined to be using burrows on site or within 250 feet of the Project area, a qualified biologist may passively exclude birds from those burrows during the non-breeding season after all alternative avoidance and minimization measures are exhausted as confirmed by the CDFW and USFWS. A burrowing owl exclusion plan shall be developed by a qualified biologist consistent with the most recent guidance from the CDFW and USFWS (e.g., California Department of Fish and Game 2012) and submitted to and approved by the PCA and the CDFW and USFWS. Burrow exclusion will be conducted for burrows located in the Project footprint and within a 160-foot buffer zone as necessary.

7.2.12 Species Condition 4, Tricolored Blackbird

Prior to initiation of Covered Activities, the qualified biologist(s) shall conduct preconstruction surveys to evaluate the presence of tricolored blackbird nesting colonies. In instances where an adjacent parcel is not accessible to survey because the qualified biologist was not granted permission to enter, the qualified biologist shall scan all potential nest colony site(s) from the adjacent property, roadsides, or other safe, publicly accessible viewpoints, without trespassing, using binoculars and/or a spotting scope to look for tricolored blackbird nesting activity.

Surveys shall be conducted at least twice, with at least one month between surveys, during the nesting season one year prior to initial ground disturbance for the Covered Activity (if feasible), and the year of ground disturbance for the Covered Activity (required). If Covered Activities will occur in the Project work area during the nesting season, three surveys shall be conducted within 15 days prior to the Covered Activity, with one of the surveys occurring within five days prior to the start of the Covered Activity. The survey methods will be based on Kelsey (2008) or a similar protocol approved by the PCA and the CDFW and USFWS based on site-specific conditions.

If an active colony is known to occur within 3 miles of the Project site, a qualified biologist shall conduct two surveys of foraging habitat within the Project site and within a 1,300-foot radius around the Project site

to determine whether foraging habitat is being actively used by foraging tricolored blackbirds. The qualified biologist shall map foraging habitat, as defined by the land cover types listed above, within a 1,300-foot radius around the Project site to delineate foraging habitat that will be surveyed. The surveys shall be conducted approximately one week apart, with the second survey occurring no more than five calendar days prior to ground-disturbing activities.

Each survey shall last four hours, and begin no later than 8:00 a.m. The qualified biologist shall survey the entire Project site and a 1,300-foot radius around the Project site by observing and listening from accessible vantage points that provide views of the entire survey area. If such vantage points are not available, the qualified biologist shall survey from multiple vantage points to ensure that the entire survey area is surveyed. In instances where an adjacent parcel is not accessible to survey because the qualified biologist was not granted permission to enter, the qualified biologist shall scan all foraging habitat from the adjacent property, roadsides, or other safe, publicly accessible viewpoints, without trespassing, using binoculars and/or a spotting scope to look for tricolored blackbird foraging activity. The qualified biologist shall map the locations on the site and within a 1,300-foot radius around the Project site where tricolored blackbirds are observed and record an estimate of the numbers of tricolored blackbirds observed (estimated by 10s, 100s, or 1,000s), the frequency of visits (e.g., if individuals or a flock makes repeated foraging visits to the site during the survey period), whether tricolored blackbirds are leaving the site with food in their bills, and the direction they fly to/from.

Construction activity or other covered activities that may disturb an occupied nest colony site, as determined by a qualified biologist, will be prohibited during the nesting season (March 15 through July 31) or until the chicks have fledged or the colony has been abandoned on its own) within a 1,300-foot buffer zone around the nest colony, to the extent practicable. The intent of this condition is to prevent disturbance to occupied nest colony sites on or near Project sites so they can complete their nesting cycle. This condition is not intended to preserve suitable breeding habitat on Project sites but to ensure impacts to active colony sites only take place once the site is no longer occupied by the nesting colony. The buffer will be applied to extend beyond the nest colony site as follows: 1) if the colony is nesting in a wetland, the buffer must be established from the outer edge of all hydric vegetation associated with the colony, or 2) if the colony is nesting in non-wetland vegetation (e.g., Himalayan blackberry), the buffer must be established from the edge of the colony substrate. This buffer may be modified to a minimum of 300 feet, with written approval from the CDFW and USFWS, in areas with dense forest, buildings, or other features between the Covered Activities and the occupied active nest colony; where there is sufficient topographic relief to protect the colony from excessive noise or visual disturbance; where sound curtains have been installed; or other methods developed in consultation with the CDFW and USFWS where conditions warrant reduction of the buffer distance. If tricolored blackbirds colonize habitat adjacent to Covered Activities after the activities have been initiated, the Project applicant shall reduce disturbance through establishment of buffers or noise reduction techniques or visual screens, as determined in consultation with the CDFW and USFWS and PCA. The buffer must be clearly marked to prevent Project-related activities from occurring within the buffer zone.

Construction activity or other covered activities that may disturb foraging tricolored blackbirds, as determined by a qualified biologist, will be prohibited within 1,300-feet of the foraging site to the extent feasible during the nesting season (March 15 through July 31 or until the chicks have fledged or the colony has been abandoned on its own) if the foraging habitat was found to be actively used by foraging tricolored blackbirds during at least one of the two foraging habitat surveys conducted under Tricolored Blackbird 2. If survey results indicate that the area provides marginal foraging habitat (e.g., tricolored blackbirds were observed foraging, but only briefly, and most were not successfully capturing prey), or site-specific conditions may warrant a reduced buffer, the PCA technical staff will consult with the CDFW and USFWS to evaluate whether the Project needs to avoid the foraging habitat or whether a reduced buffer may be appropriate. In such cases, additional surveys may be needed to assess site conditions and the value of the foraging habitat.

The buffer must be clearly marked to prevent Project-related activities from occurring within the buffer zone. This buffer may be modified to a minimum of 300 feet, with written approval from the CDFW and USFWS, in areas with dense forest, buildings, or other features between the Covered Activities and the actively used foraging habitat; where there is sufficient topographic relief to protect foraging birds from excessive noise or visual disturbance; or in consultation with the CDFW and USFWS if other conditions warrant reduction of the buffer distance. If tricolored blackbird begins using foraging habitat adjacent to Covered Activities after the activities have been initiated, the Project applicant shall reduce disturbance through establishment of buffers or noise reduction techniques or visual screens, as determined in consultation with the CDFW and USFWS and PCA.

The intent of this condition is to allow actively nesting colonies on or near Project sites to complete their nesting cycle prior to the loss of the foraging habitat on site. Protecting actively used-foraging habitat during the nesting season will help to enable the tricolored blackbird nesting colony to complete its nesting cycle, as loss of valuable foraging habitat could cause the nesting colony to fail. This condition is not intended to preserve suitable foraging habitat on Project sites in the long term.)

If present, active nesting colonies that occur within the no-disturbance buffer shall be monitored by the qualified biologist(s) to verify the Covered Activity is not disrupting the nesting behavior of the colony. The frequency of monitoring will be approved by the PCA and based on the frequency and intensity of construction activities and the likelihood of disturbance of the active nest. In most cases, monitoring will occur at least every other day, but in some cases, daily monitoring may be appropriate to ensure that direct effects on tricolored blackbird are minimized. The biologist will train construction personnel on the avoidance procedures and buffer zones.

If the qualified biologist(s) determines that the Covered Activity is disrupting nesting and/or foraging behavior, the qualified biologist(s) shall notify the Project applicant immediately, and the Project applicant shall notify the PCA within 24 hours to determine additional protective measures that can be implemented. The qualified biologist(s) shall have the authority to stop Covered Activities until additional protective measures are implemented. Additional protective measures shall remain in place until the qualified biologist(s) determine(s) tricolored blackbird behavior has normalized. If additional protective measures are

ineffective, the qualified biologist(s) shall have the authority to stop Covered Activities as needed until the additional protective measures are modified and nesting behavior of tricolored blackbird returns to normal.

Additional protective measures may include increasing the size of the buffer (within the constraints of the Project site), delaying Covered Activities (or the portion of Covered Activities causing the disruption) until the colony is finished breeding and chicks have left the nest site, temporarily relocating staging areas, or temporarily rerouting access to the Project work area. The Project proponent shall notify the PCA and CDFW and USFWS within 24 hours if nests or nestlings are abandoned. If the nestlings are still alive, the qualified biologist(s) shall work with the CDFW and USFWS to determine appropriate actions for salvaging the eggs or nestlings. Notification to PCA and CDFW and USFWS shall be via telephone or email, followed by a written incident report. Notification shall include the date, time, location, and circumstances of the incident.

If present, foraging habitat within the buffer shall be monitored by the qualified biologist(s) to verify that the Covered Activity is not disrupting tricolored blackbird foraging behavior. The frequency of monitoring will be approved by the PCA and based on the frequency and intensity of construction activities and the likelihood of disturbance of foraging tricolored blackbirds. In most cases, monitoring will occur at least every other day, but in some cases, daily monitoring may be appropriate to ensure that effects on tricolored blackbird are minimized. The biologist will train construction personnel on the avoidance procedures and buffer zones.

If the qualified biologist(s) determines that the Covered Activity is disrupting foraging behavior, the qualified biologist(s) shall notify Project applicant immediately, and the Project applicant shall notify the PCA within 24 hours to determine additional protective measures that can be implemented. The qualified biologist(s) shall have the authority to stop Covered Activities until additional protective measures are implemented. Additional protective measures shall remain in place until the qualified biologist(s) determine(s) tricolored blackbird behavior has normalized. If additional protective measures are ineffective, the qualified biologist(s) shall have the authority to stop Covered Activities as needed until the additional protective measures are modified and foraging behavior of tricolored blackbird returns to normal. Additional protective measures may include increasing the size of the buffer (within the constraints of the Project site), temporarily relocating staging areas, or temporarily rerouting access to the Project work area.

7.2.13 Species Condition 10, Vernal Pool Fairy Shrimp and Vernal Pool Tadpole Shrimp

Wet season surveys to determine occupancy of vernal pools by vernal pool fairy shrimp and vernal pool tadpole shrimp shall be required during the PCCP Initial Survey Phase. The PCA will inform the applicant if the Plan is in the Initial Survey Phase and surveys are required. Wet season surveys shall be conducted for vernal pool fairy shrimp and vernal pool tadpole shrimp in vernal pools, as determined by wetland delineation. The qualified biologist shall conduct protocol-level wet season surveys, using modified Guidelines, as approved by USFWS. Modifications include requiring that all vernal pools at a site be surveyed, rather than allowing for the survey to be terminated when presence on a Project site is confirmed. This modification is necessary to obtain data on presence and absence in all the available vernal pools, to

facilitate the determination of the Occupancy Rate Standards. This, and other exceptions and additions to the Guidelines, as follows.

- If presence is confirmed for vernal pool fairy shrimp and vernal pool tadpole shrimp in an individual vernal pool, surveys may be stopped for that vernal pool.
- All vernal pools on the Project site must be surveyed. Surveys cannot be suspended prior to completion, as allowed by the Guidelines, if one or more of the six listed large branchiopods, identified in the Guidelines is determined to be present.
- The Guidelines define a complete survey as consisting of one wet-season and one dry-season survey conducted and completed in accordance with the Guidelines within a 3-year period. For the purposes of the Plan, only one wet-season survey is required; dry-season surveys are not required. Applicants must plan ahead to allow sufficient time to complete these surveys.
- Data that will be collected at each vernal pool surveyed during the wet season survey will include the presence or absence of vernal pool fairy shrimp and vernal pool tadpole shrimp, species identity and the estimated abundance (10s, 100s, 1,000s) of immature and mature vernal pool fairy shrimp and vernal pool tadpole shrimp present and estimated maximum surface area of the vernal pool. Other information on the USFWS data sheet is not required to be collected (i.e., air and water temperature, average and estimated maximum depth of the vernal pool, presence of non-target crustaceans, insects, and platyhelminths, and habitat condition). This will allow surveys to be conducted more efficiently, while providing the essential information necessary to calculate the Pool-based Occupancy Rate Standard9 and the Area-based Occupancy Rate Standard10. Because these vernal pools will be affected by Covered Activities, collection of additional information is not necessary.
- Information will be recorded on the PCA-provided data sheet, which will be the USFWS data sheet (included as Appendix A to the Guidelines), modified to include the above information.
- Voucher specimens will not be collected during wet season surveys unless the identity of the mature shrimp is uncertain and cannot be identified in the field. The Guidelines allow for a limited number of voucher specimens to be collected for each vernal pool. For the purpose of the Plan, the modified survey protocol further limits the collection of voucher specimens to instances where identity is uncertain.

The biologist conducting a survey for vernal pool fairy shrimp and vernal pool tadpole shrimp should participate in the wetland delineation to map the area of each vernal pool. If the biologist cannot participate in the wetland delineation, and the wetland delineation does not provide area for each vernal pool, the biologist will conduct follow-up surveys to map the perimeter of each vernal pool with a global positioning system (GPS). Each vernal pool will be given a unique identification number that will be used to track survey data collected during wet- season surveys.

7.2.14 CARP Authorization Conditions

All work within the PCCP Plan Area that impacts Aquatic Resources of Placer County shall be completed according to the plans and documents included in the CARP application, WDRs, and, if applicable, Water Quality Certification. All changes to those plans shall be reported to the PCA. Minor changes may require

an amendment to the CARP Authorization, Water Quality Certification, and, if applicable, WDRs. Substantial changes may render the authorization, Water Quality Certification, and, if applicable, WDRs, void, and a new application may be required.

A copy of the CARP conditions and Water Quality Certification and WDRs shall be given to individuals responsible for activities on the site. Site personnel, (employees, contractors, and subcontractors) shall be adequately informed and trained to implement all permit, Water Quality Certification, and WDR conditions and shall have a copy of all permits available onsite at all times for review by site personnel and agencies.

Any construction within the Stream System shall be implemented in a way to avoid and minimize impacts to vegetation outside the construction area. All preserved wetlands, other Aquatic Resources of Placer County, and the Stream System shall be protected with bright construction fencing. Temporary fencing shall be removed immediately upon completion of the Project.

Before beginning construction, the Project Applicant must have a valid CARP authorization or waiver notice. In order to obtain a permit, the Project must pay all mitigation fees or purchase appropriate credits from an agency-approved mitigation bank.

All deviations from plans and documents provided with the Application must be reported to the PCA immediately.

Erosion control measures shall be specified as part of the CARP application, and the application shall not be complete without them. All erosion control specified in the permit application shall be in place and functional before the beginning of the rainy season and shall remain in place until the end of the season. Site supervisors shall be aware of weather forecasts year-round and shall be prepared to establish erosion control on short notice for unusual rain events. Erosion control features shall be inspected and maintained after each rainfall period. Maintenance includes, but is not limited to, removal of accumulated silt and the replacement of damaged barriers and other features.

All work in aquatic resources within the Stream System shall be restricted to periods of low flow and dry weather between April 15 and October 15, unless otherwise permitted the PCA and approved by the appropriate State and/or federal regulatory agency. Work within aquatic resources in the Stream System outside of the specified periods may be permitted under some circumstances. The Applicant must provide the PCA with the following information: a) the extent of work already completed; b) specific details about the work yet to be completed; and c) an estimate of the time needed to complete the work in the Stream System.

Following work in a stream channel, the low flow channel shall be returned to its natural state to the extent possible. The shape and gradient of the streambed shall be restored to the same gradient that existed before the work to the extent possible.

Work shall not disturb active bird nests until young birds have fledged. To avoid impacts to nesting birds, any disturbance shall occur between September 1 and February 1 prior to the nesting season. Tree removal, earthmoving or other disturbance at other times is at the PCA's discretion and will require surveys by a qualified biologist to determine the absence of nesting birds prior to the activity.

All trees marked for removal within the Stream System must be shown on maps included with the Application. Native trees over five inches diameter at breast height (DBH) shall not be removed without the consent of the PCA.

Except for site preparation for the installation and removal of dewatering structures, no excavation is allowed in flowing streams unless dredging WDRs are issued by the RWQCB. Detailed plans for dewatering must be part of the Application.

Temporary crossings as described in the Application shall be installed no earlier than April 15 and shall be removed no later than October 15, unless otherwise permitted by the PCA and approved by the appropriate State and federal regulatory agency. This work window could be modified at the discretion of the PCA and the CDFW.

No vehicles other than necessary earth-moving and construction equipment shall be allowed within the Stream System after the section of stream where work is performed is dewatered. The equipment and vehicles used in the Stream System shall be described in the Application.

Staging areas for equipment, materials, fuels, lubricants, and solvents shall be located outside the stream channel and banks and away from all preserved aquatic resources. All stationary equipment operated within the Stream System must be positioned over drip-pans. Equipment entering the Stream System must be inspected daily for leaks that could introduce deleterious materials into aquatic resources. All discharges, unintentional or otherwise, shall be reported immediately to the PCA. The PCA shall then immediately notify the appropriate state and federal agencies.

Cement, concrete, washings, asphalt, paint, coating materials, oil, other petroleum products, and other materials that could be hazardous to aquatic life shall be prevented from reaching streams, lakes, or other water bodies. These materials shall be placed a minimum of 50 feet away from aquatic environments. All discharges, unintentional or otherwise, shall be reported immediately to the PCA. The PCA shall then immediately notify the appropriate state and federal agencies.

During construction, no litter or construction debris shall be dumped into water bodies or other aquatic resources; nor shall it be placed in a location where it might be moved by wind or water into aquatic resources. All construction debris shall be removed from the site upon completion of the Project.

Only herbicides registered with the California Department of Pesticide Regulation shall be used in streams, ponds, and lakes, and shall be applied in accordance with label instructions. A list of all pesticides that may

be used in the Project area shall be submitted to the PCA before use. The PCCP does not authorize the use of herbicides; herbicide application is not a Covered Activity.

The PCA shall be notified immediately if threatened or endangered species that are not Covered Species are discovered during construction activities. The PCA shall suspend work and notify the USFWS, NMFS, and the CDFW for guidance.

Wildlife entering the construction site shall be allowed to leave the area unharmed or shall be flushed or herded humanely in a safe direction away from the site.

All pipe sections shall be capped or inspected for wildlife before being placed in a trench. Pipes within a trench shall be capped at the end of each day to prevent entry by wildlife, except for those pipes that are being used to divert stream flow.

At the end of each workday, all open trenches will be provided with a ramp of dirt or wood to allow trapped animals to escape.

If human remains or cultural artifacts are discovered during construction, the Applicant shall stop work in the area and notify the PCA immediately. Work will not continue in the area until the County coroner and a qualified archaeologist have evaluated the remains, conducted a survey, prepared an assessment, and required consultations are completed.

7.3 Additional Mitigation Measures

The Project has the potential to impact a number of special-status species that are not PCCP Covered species. Any impacts to those species will therefore not be mitigated by participation in the PCCP, and we have provided recommended mitigation measures for those species below. For species whose impacts were previously analyzed in the PRSP EIR, we have provided the PRSP EIR mitigation measures below (with slight modifications to read logically for the Project), as these measures are appropriate for the species, have already been through public review and comment, and been approved by a previous CEQA Lead Agency. Note that as appropriate, the text of the measure has been revised to reflect the CSU as the Lead Agency.

7.3.1 Monarch

If construction occurs during the time when milkweed plants may host monarch eggs or caterpillars (approximately mid-March through late September) and construction activity would require the removal of milkweed plants, the plants shall be surveyed by a qualified biologist no more than 14 days prior to plant removal for the presence of eggs or caterpillars. If eggs or caterpillars are detected, the plants shall be avoided until they are no longer being utilized by monarch caterpillars, as confirmed by a qualified biologist. If no eggs or caterpillars are detected, no additional protection measures are necessary.

7.3.2 Western Spadefoot (PRSP MM 4.4-3a)

A qualified biologist will determine if the Project site contains suitable habitat for western spadefoot and if so, conduct surveys for western spadefoot in areas of potential habitat that would be eliminated by the Project. The surveys shall be conducted at the appropriate time of year to detect western spadefoot, generally the breeding season, according to methods approved by CDFW. If western spadefoot is found in habitat that will be eliminated or made unsuitable for western spadefoot, then a plan will be prepared and implemented to collect and relocate adult and larval western spadefoot and egg masses to suitable habitat that will be preserved in perpetuity.

7.3.3 Nesting Raptors (PRSP MM 4.4-5b)

If Project ground-disturbing activities are proposed with potential to affect northern harrier, white-tailed kite, or other raptor nests (i.e., activities proposed to occur in or within 500 feet of suitable habitat), the following preconstruction survey and nest avoidance measures shall be implemented.

- For Project activities, including tree and other vegetation removal, that begin between February 1 and September 15, a qualified biologist shall conduct preconstruction surveys for white-tailed kite and northern harrier and to identify active nests on and within 500 feet of the Project site. The surveys shall be conducted before the beginning of any construction activities between February 1 and September 15.
- Impacts to nesting raptors shall be avoided by establishing appropriate buffers around active nest sites identified during preconstruction raptor surveys. Project activity shall not commence within the buffer areas until a qualified biologist has determined, in coordination with CDFW, that the young have fledged, the nest is no longer active, or reducing the buffer would not likely result in nest abandonment. CDFW guidelines recommend implementation of a 500-feet-wide buffer for these raptor species, but the size of the buffer may be adjusted if a qualified biologist and the CSU, in consultation with CDFW, determine that such an adjustment would not be likely to adversely affect the nest. Monitoring of the nest by a qualified biologist during and after construction activities shall be required if the activity has potential to adversely affect the nest.
- Trees shall not be removed during the breeding season for nesting raptors unless a survey by a qualified biologist verifies that there is not an active nest in the tree. Similarly, because northern harrier is a ground nester, ground disturbances within suitable nesting habitat for northern harrier shall not commence unless a survey verifies that an active nest is not present.

7.3.4 Nesting Birds (PRSP MM 4.4-5c)

Before any ground-disturbing Project activities begin, a qualified biologist will identify potential habitat for nesting loggerhead shrike, song sparrow, grasshopper sparrow, and other special-status bird species in areas that could be affected during the breeding season (February 1—August 31) by construction. To the extent feasible, construction-related vegetation removal shall occur outside the nesting season. If vegetation removal or other disturbance related to construction is required during the nesting season,

focused surveys for active nests of special-status birds will be conducted before and within 14 days of initiating construction. A qualified biologist will conduct preconstruction surveys to identify active nests that could be affected. The appropriate area to be surveyed and timing of the survey may vary depending on the activity and species that could be affected. If no active nests are found during focused surveys, no further action under this measure will be required. If an active loggerhead shrike, song sparrow, grasshopper sparrow, or other special-status bird nest is located during the preconstruction surveys, the biologist will notify CDFW.

If necessary, modifications to the Project design to avoid removal of occupied habitat while still achieving Project objectives will be evaluated and implemented to the extent feasible. If avoidance is not feasible, construction will be prohibited within a minimum of 100 feet of the nest to avoid disturbance until the nest is no longer active. These recommended buffer areas may be reduced or expanded through consultation with CDFW. If the nesting bird exhibits agitated behavior, the qualified biologist shall monitor the nest and have the authority to increase the 100-foot nest buffer as needed until agitated behavior is no longer observed.

7.3.5 Roosting Bats (PRSP MM 4.4-5d)

Bat surveys shall be conducted by a qualified wildlife biologist within 14 days before any tree removal or clearing during each construction season. Locations of vegetation and tree removal or excavation will be examined for potential bat roosts. Specific survey methodologies will be determined in coordination with CDFW, and may include visual surveys of bats (e.g., observation of bats during foraging period), inspection for suitable habitat, bat sign (e.g., guano), or use of ultrasonic detectors (e.g., Sonobat, Anabat). Removal of any significant roost sites located will be avoided to the extent feasible. If it is determined that an active roost site cannot be avoided and will be affected, bats will be excluded from the roost site before the site is removed. The biologist shall first notify and consult with CDFW on appropriate bat exclusion methods and roost removal procedures. Exclusion methods may include use of one-way doors at roost entrances (bats may leave, but not reenter), or sealing roost entrances when the site can be confirmed to contain no bats. Once it is confirmed that all bats have left the roost, crews will be allowed to continue work in the area.

Exclusion efforts may be restricted during periods of sensitive activity (e.g., during winter hibernation or while females in maternity colonies are nursing young [generally, during late spring and summer]). If a hibernation or maternity roosting site is discovered, the CSU shall consult with CDFW to establish appropriate exclusionary buffers until all young are determined to be volant (i.e., able to fly) by a qualified biologist. Once it is determined that all young are volant, passive exclusion devices shall be installed and all bats will be allowed to leave voluntarily. Once it is determined by a qualified biologist that all bats have left the roost, crews will be allowed to work within the buffer zone.

7.3.6 American Badger (PRSP MM 4.4-5e)

Before construction activities within suitable habitat for American badger, a qualified biologist shall conduct surveys to identify any American badger burrows/dens. These surveys shall be conducted not more than 15

days before the start of construction. If occupied burrows are not found, further mitigation will be not required. If occupied burrows are found, CDFW shall be notified and impacts to active badger dens shall be avoided by establishing exclusion zones around all active badger dens, within which construction-related activities shall be prohibited until denning activities are complete or the den is abandoned. A qualified biologist shall monitor each den once per week to track the status of the den and to determine when a den area has been cleared for construction.

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Figures

Figure 1. Site and Vicinity

Figure 2. California Natural Diversity Database Occurrences for Wildlife within Five Miles of the Study Area

Figure 3. California Natural Diversity Database Occurrences for Plants within Five Miles of the Study Area

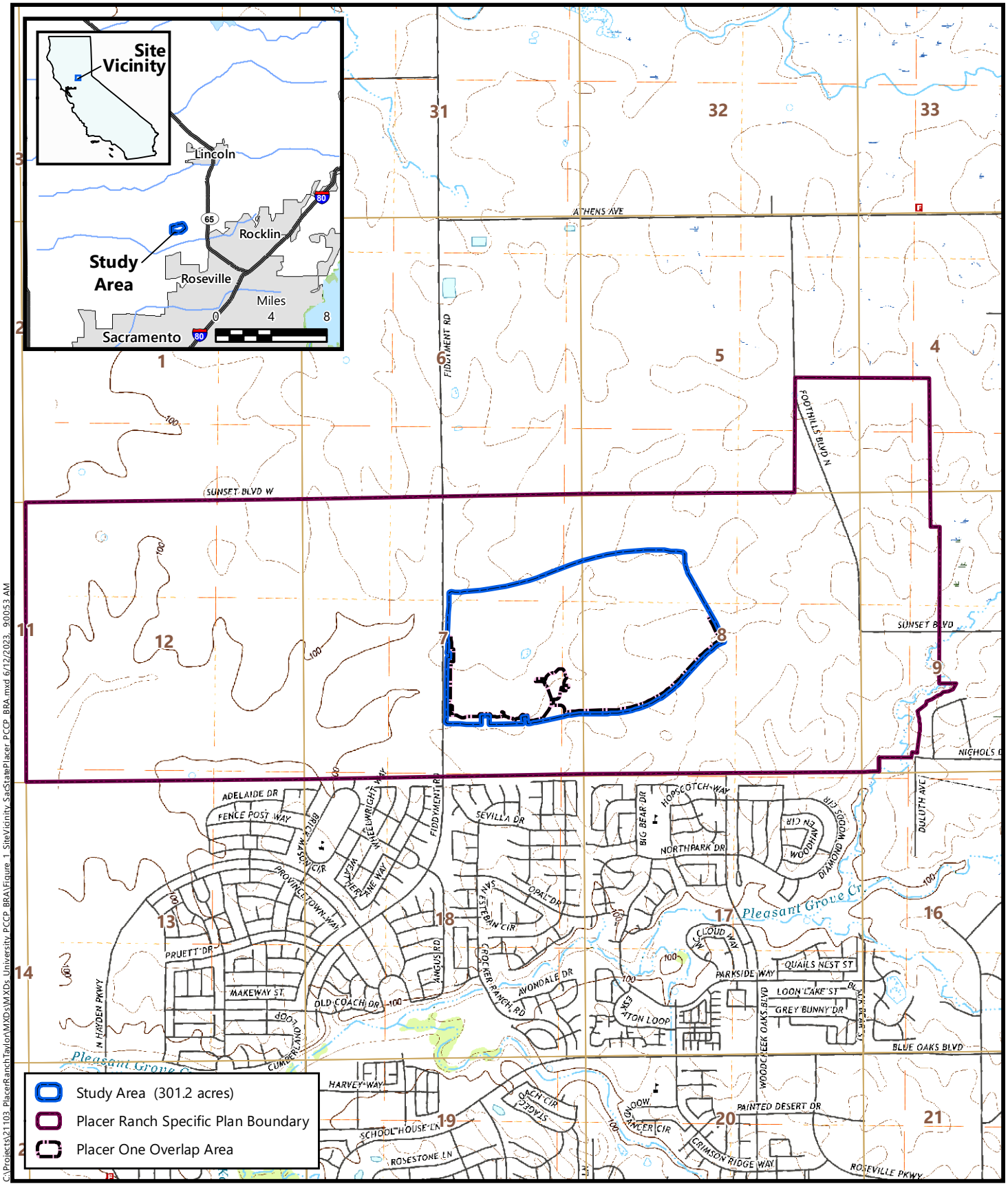
Figure 4. PCCP Baseline Communities, Land Covers, and Documented Special-Status Species

Figure 5. Aquatic Resources and Stream System

Figure 6. NRCS Soils

Figure 7. Community and Land Cover Impacts

Figure 8. Aquatic Resource and Stream System Impacts



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Feet

0 2,500

Source: United States Geologic Survey, 2021
Sections 7 & 8, Township 11 North, Range 6 East, MDB&M
"Roseville, California" 7.5-Minute Topographic Quadrangle
Longitude -121.340408, Latitude 38.816973

Figure 1
Site and Vicinity

Sacramento State – Placer Center
Placer County, California

MADRONE ECOLOGICAL CONSULTING

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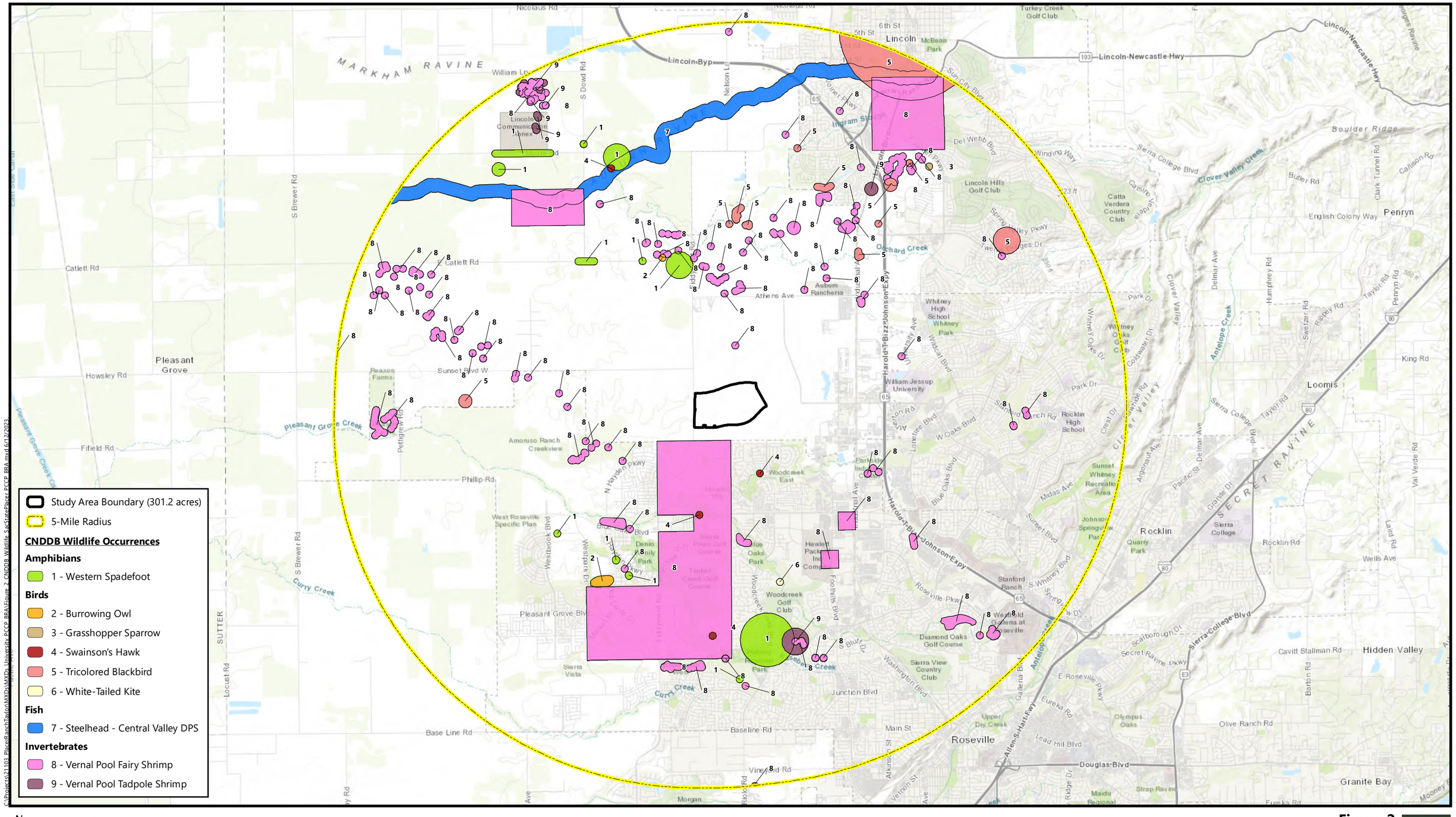

Figure 2
California Natural Diversity Database Occurrences for Wildlife within 5 Miles of the Study Area

Source: *California Department of Fish and Wildlife*, May 2023.
Basemap Source: *National Geographic* and *ESRI*

Sacramento State - Placer Center
Placer County, California

MADRONE ECOLOGICAL CONSULTING

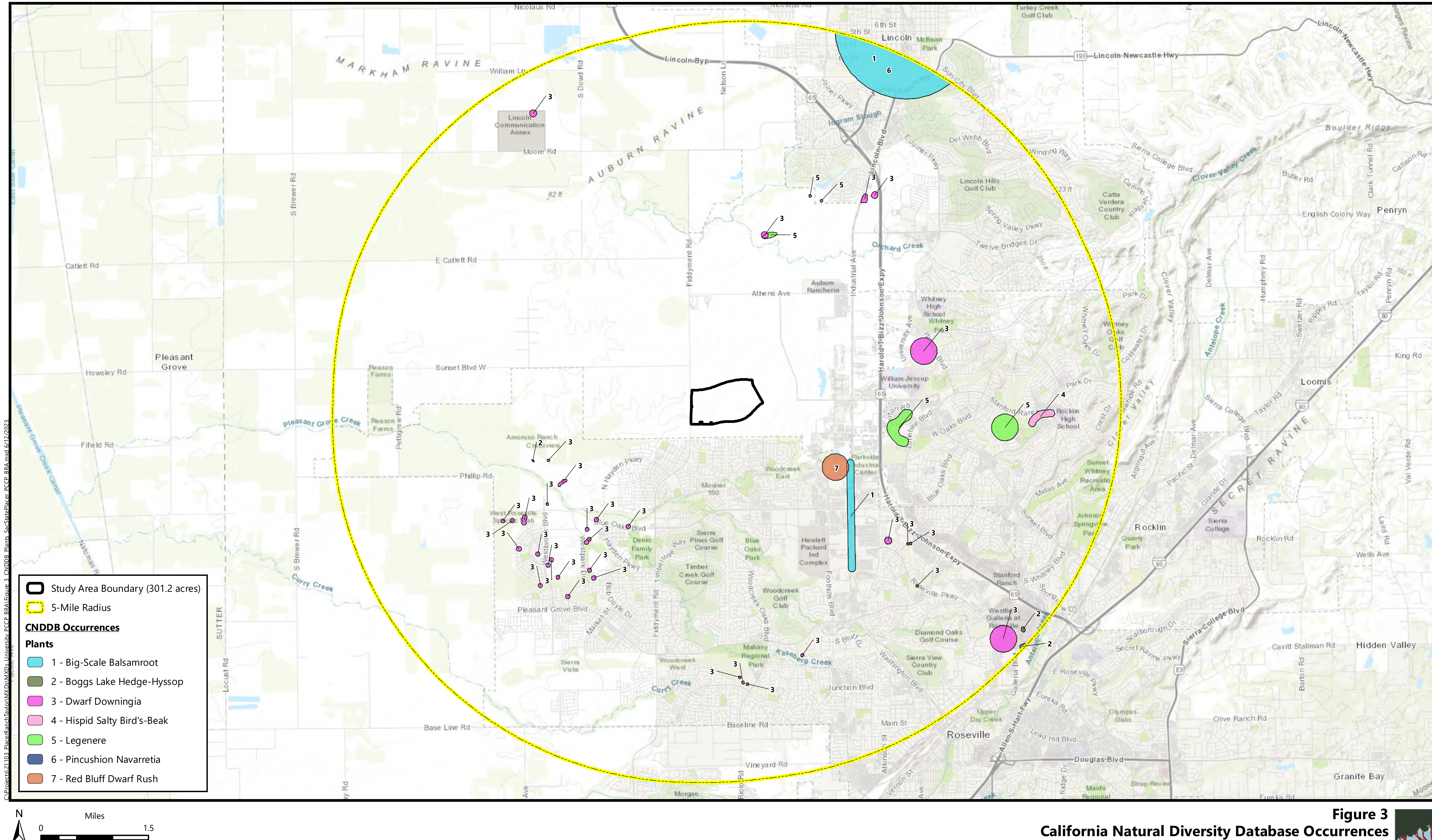

Figure 3
California Natural Diversity Database Occurrences for Plants within 5 Miles of the Study Area

Sacramento State - Placer Center
Placer County, California

MADRONE ECOLOGICAL CONSULTING

Source: *California Department of Fish and Wildlife*, May 2023.
Basemap Source: *National Geographic* and *ESRI*

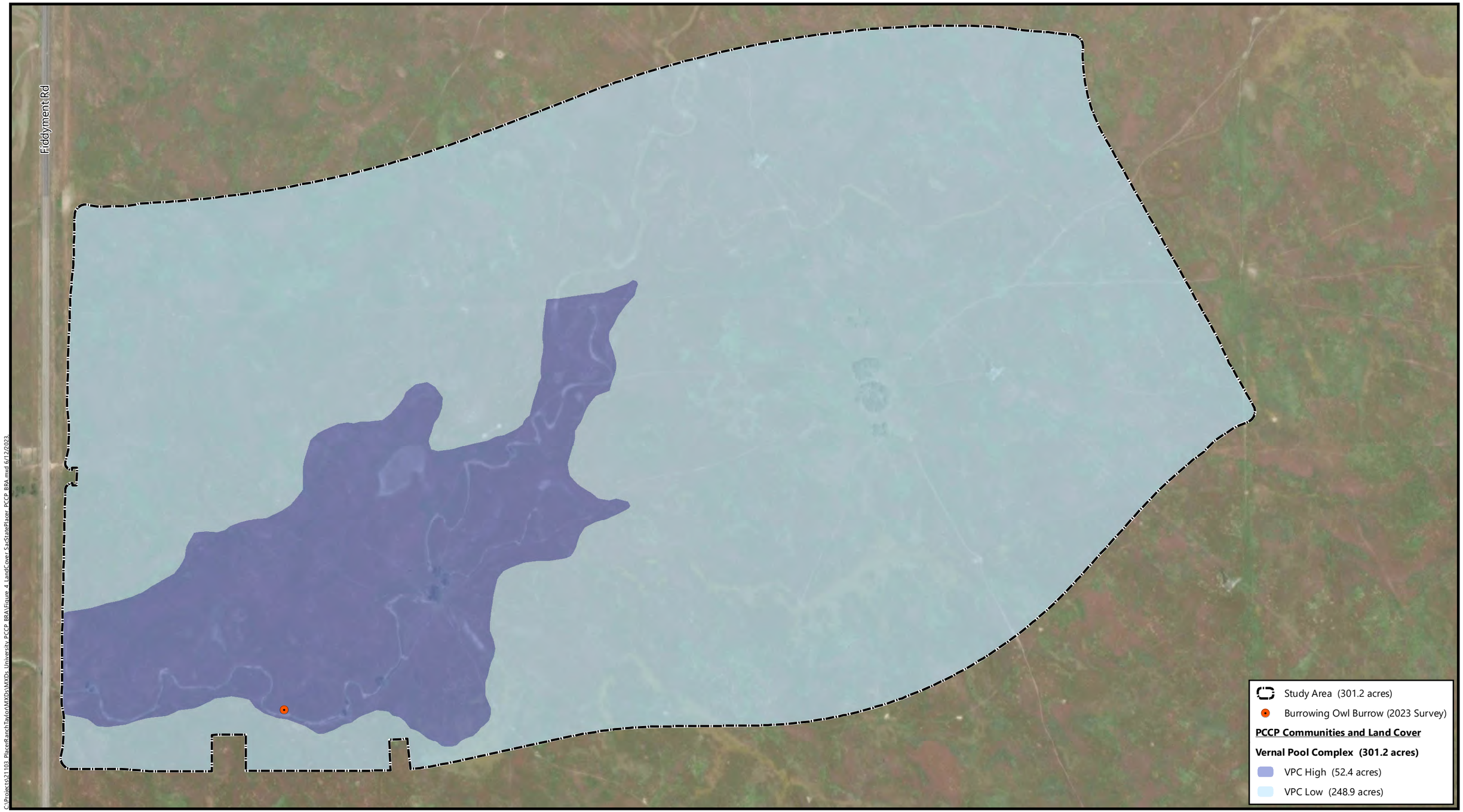

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Figure 4
PCCP Baseline Communities, Land Cover, and Documented Special-Status Species

Sacramento State – Placer Center
Placer County, California

*Small summation errors may occur due to rounding
Aerial Source: Maxar WV02, 26 April 2022

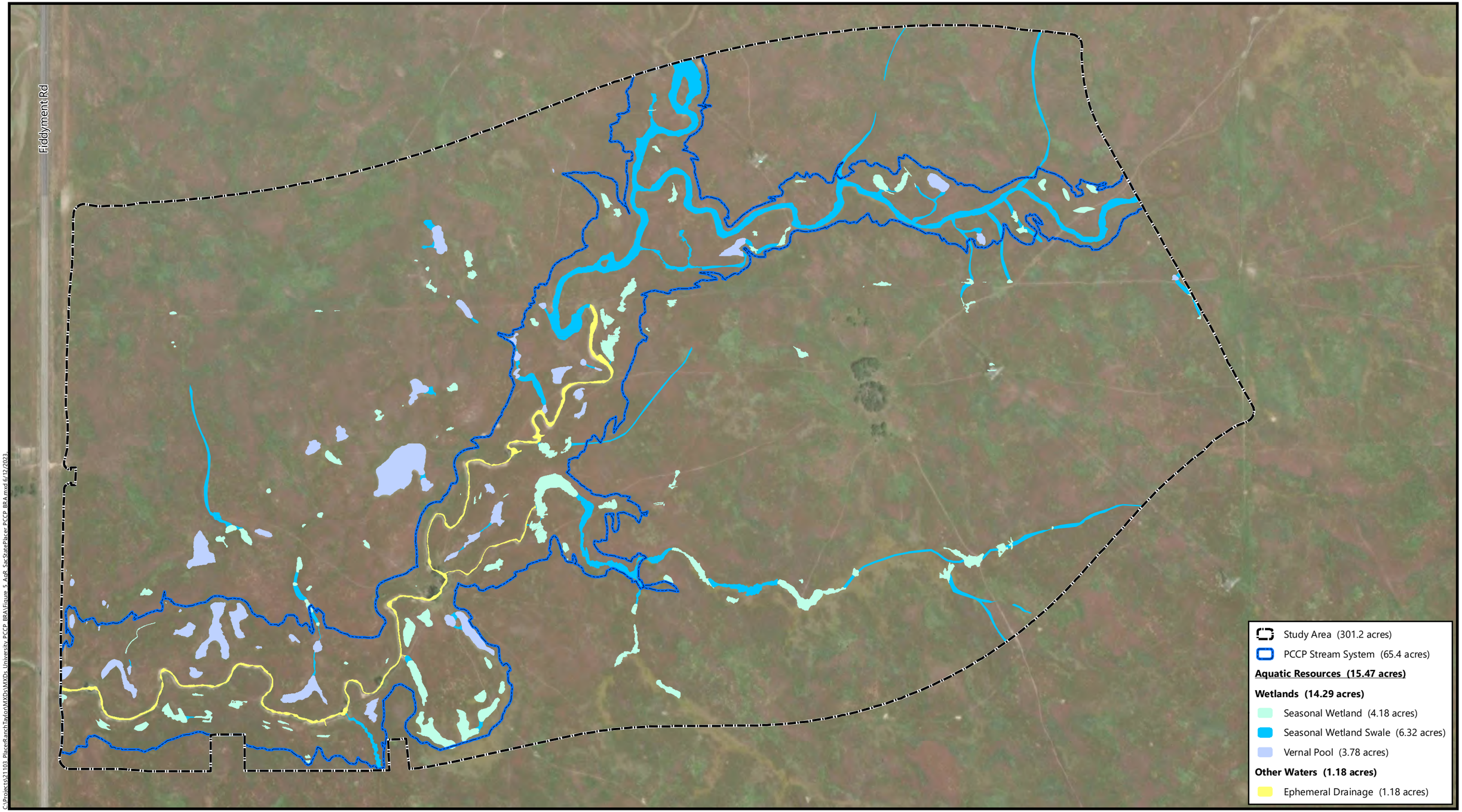

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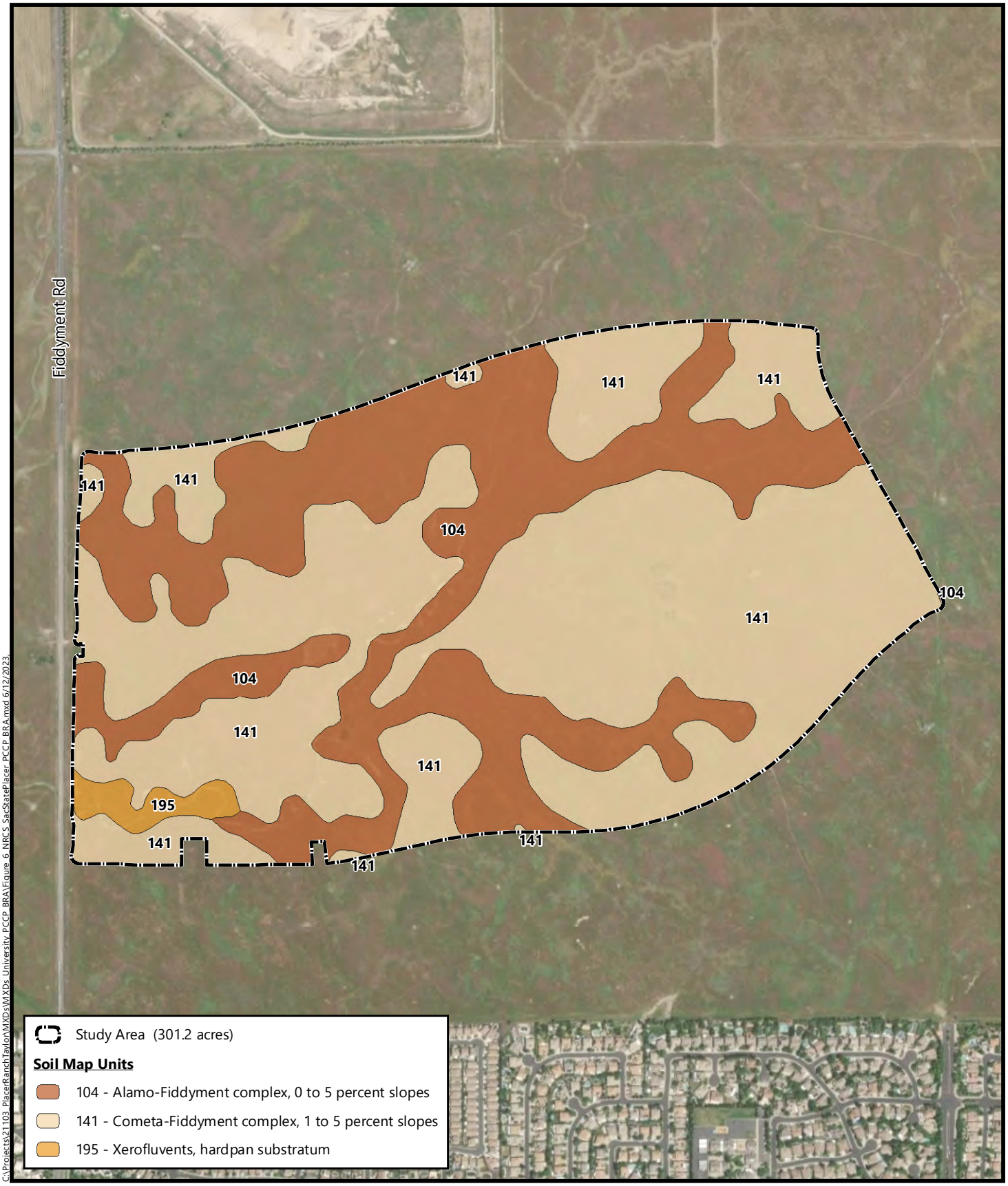
Figure 5
Aquatic Resources and Stream System

Sacramento State – Placer Center
Placer County, California

*Small summation errors may occur due to rounding.
Aerial Source: Maxar WV02, 26 April 2022



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Soil Survey Source: *USDA, Soil Conservation Service Soil Survey Geographic (SSURGO) database for Placer County, California, Western Part.*
Aerial Source: Maxar WV02, 26 April 2022

Figure 6
NRCS Soils

Sacramento State – Placer Center
Placer County, California

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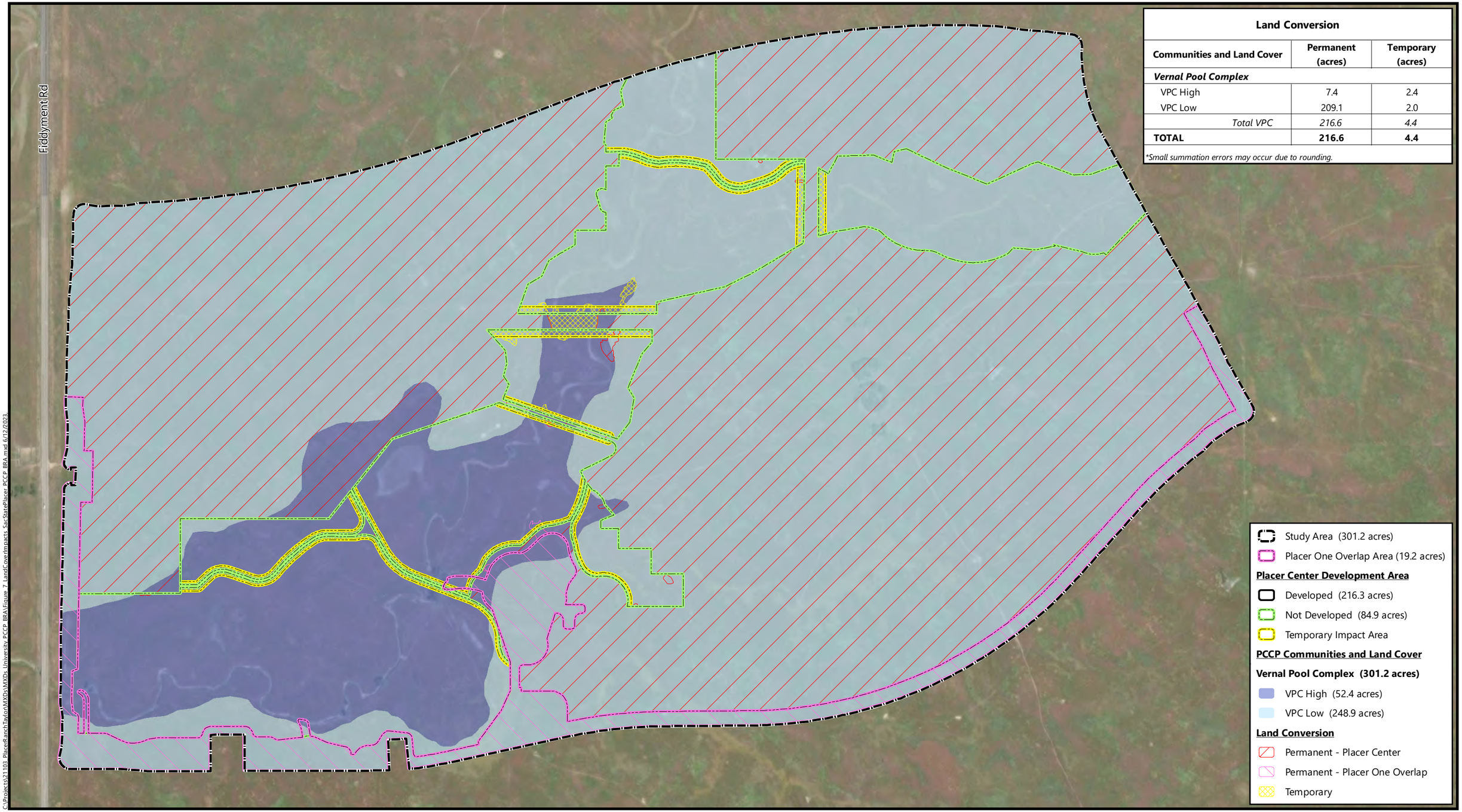

Land Conversion

Communities and Land Cover	Permanent (acres)	Temporary (acres)
Vernal Pool Complex		
VPC High	7.4	2.4
VPC Low	209.1	2.0
Total VPC	*216.6*	*4.4*
TOTAL	**216.6**	**4.4**

**Small summation errors may occur due to rounding.*

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Feet
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Aerial Source: Maxar WV02, 26 April 2022
*Temporary and permanent land conversion within the Not Developed Areas are associated with partially impacted Aquatic Resources.

Figure 7
Community and Land Cover Impacts

Sacramento State – Placer Center
Placer County, California

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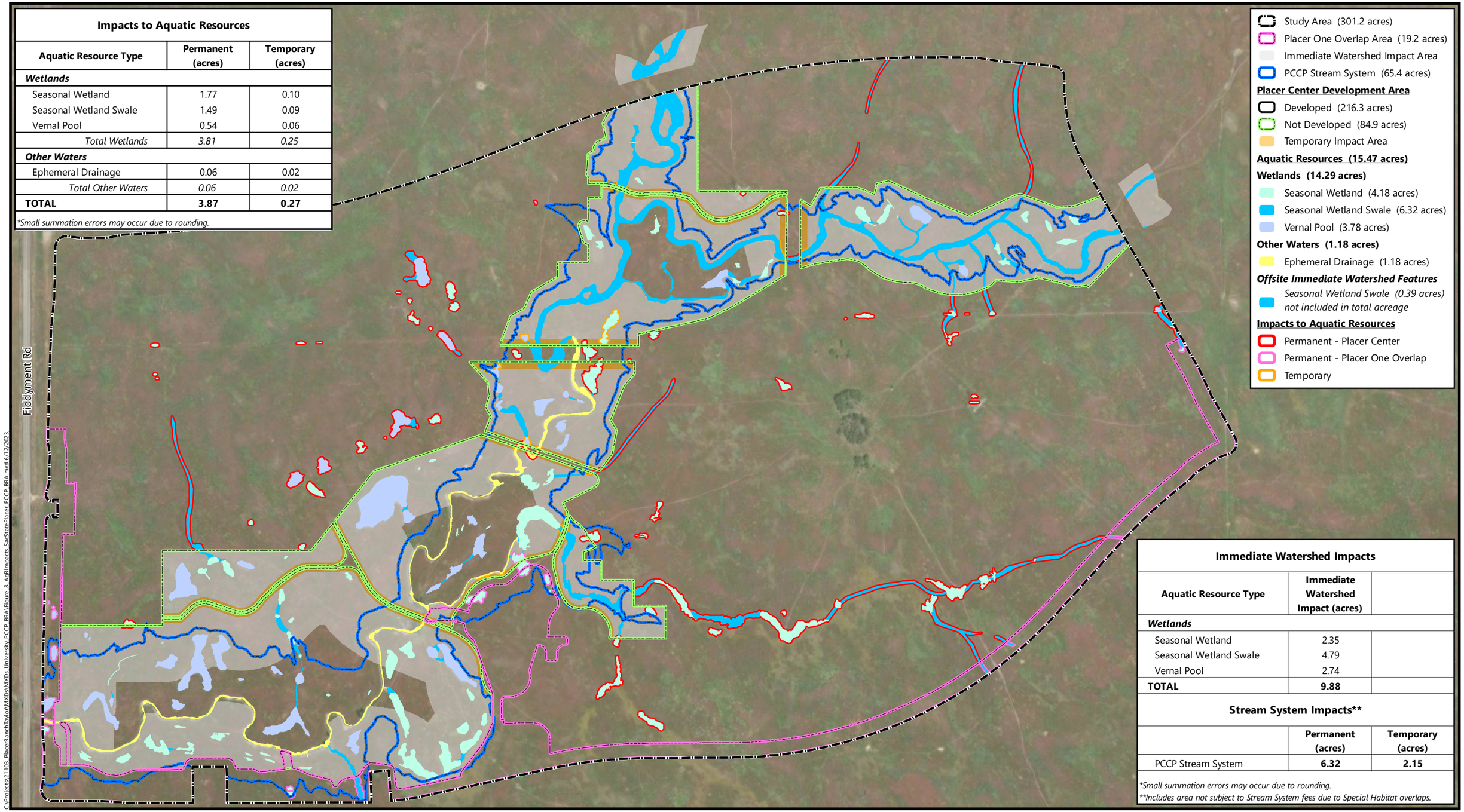

Impacts to Aquatic Resources

Aquatic Resource Type	Permanent (acres)	Temporary (acres)
Wetlands		
Seasonal Wetland	1.77	0.10
Seasonal Wetland Swale	1.49	0.09
Vernal Pool	0.54	0.06
Total Wetlands	*3.81*	*0.25*
Other Waters		
Ephemeral Drainage	0.06	0.02
Total Other Waters	*0.06*	*0.02*
TOTAL	**3.87**	**0.27**

**Small summation errors may occur due to rounding.*

Immediate Watershed Impacts

Aquatic Resource Type	Immediate Watershed Impact (acres)	
Wetlands		
Seasonal Wetland	2.35	
Seasonal Wetland Swale	4.79	
Vernal Pool	2.74	
TOTAL	**9.88**	

Stream System Impacts**

	Permanent (acres)	Temporary (acres)
PCCP Stream System	**6.32**	**2.15**

**Small summation errors may occur due to rounding.*
***Includes area not subject to Stream System fees due to Special Habitat overlaps.*

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Feet
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Figure 8
Aquatic Resource and Stream System Impacts

Sacramento State – Placer Center
Placer County, California

MADRONE ECOLOGICAL CONSULTING

*Small summation errors may occur due to rounding.
Aerial Source: Maxar WV02, 26 April 2022

Attachments

Attachment A. Preliminary Site Plan

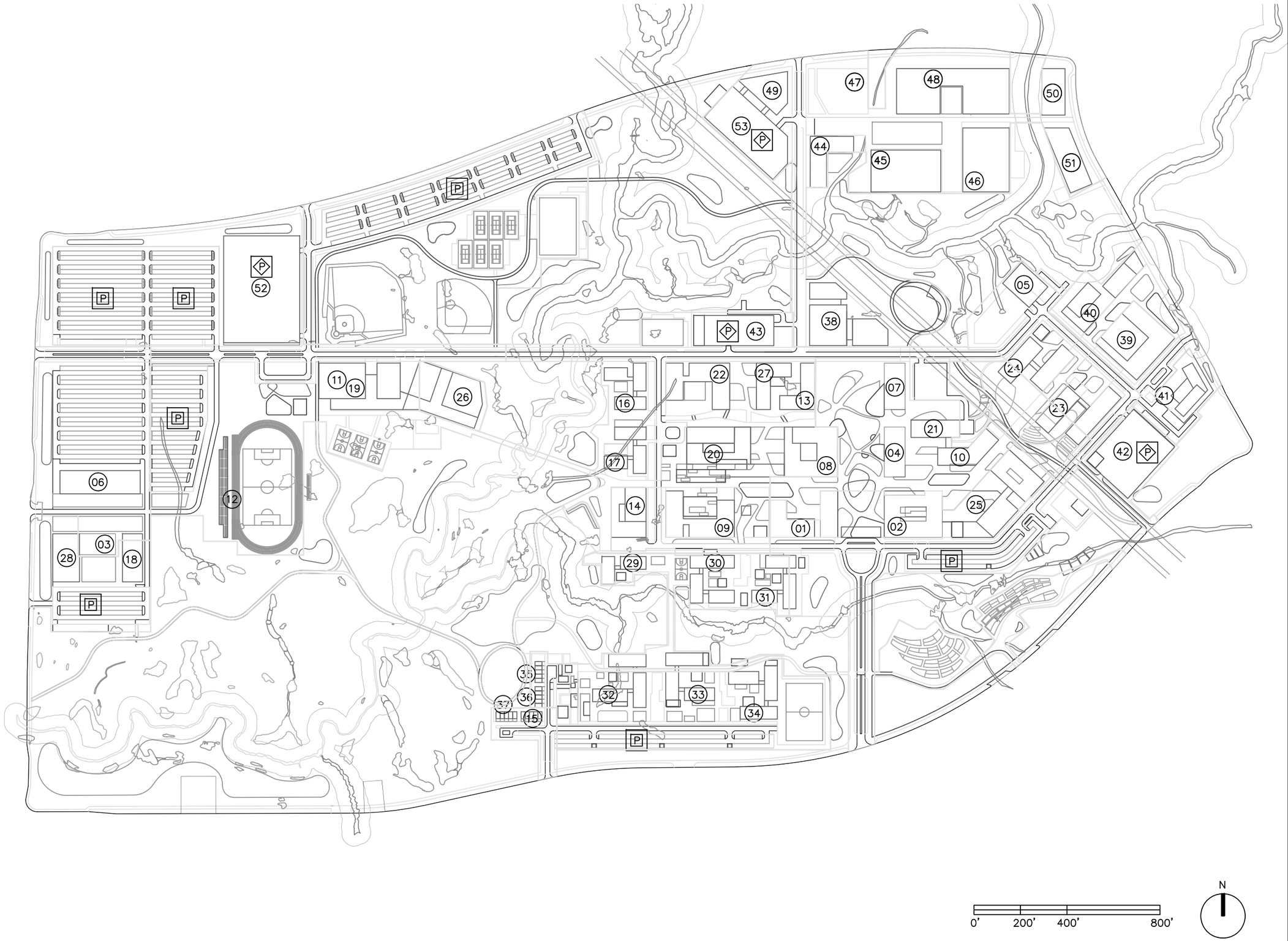
Attachment B. Approved Jurisdictional Determination for the Placer Ranch Property

Attachment C. Special-Status Plant Survey Report

Attachment D. Qualified Biologist Resumes

Attachment A

Preliminary Site Plan



California State University Sacramento Placer Center

Campus Master Plan
Master Plan Enrollment: 20,000 FTE
Campus Acreage: 301

- Phase 1 Buildings
- Phase 2 Buildings
- Phase 3 Buildings
- Phase 4 Buildings
- Parcel Boundary
- Surface Parking

01 Initial Sac State Academic Building
02 Library
03 Support Building
04 Sierra College Transfer Center
05 Central Plant
06 Fire Station
07 Forensic Lab

08 Student Center
09 Academic Building
10 Academic Building
11 Recreation & Wellness Center
12 Stadium Bleachers
13 Administration Building
14 Dining Center
15 Faculty Housing
16 Student Housing
17 Student Housing
18 Childcare Center
19 P&T + Campus Police

20 Student Center
21 Academic Building
22 Academic Building
23 Academic Building
24 Academic Building
25 Library
26 Recreation & Wellness Center
27 Administration Building
28 Support Building
29 Student Housing
30 Student Housing
31 Student Housing
32 Student Housing
33 Student Housing
34 Student Housing
35 Faculty Housing
36 Faculty Housing
37 Faculty Housing
38 Conference Center
39 Performing Arts Center
40 Continuing Ed Building
41 Hotel
42 Parking Garage (Hotel)
43 Parking Garage (Conference Center)

44 Academic Mixed use
45 Academic Mixed use
46 Academic Mixed use
47 Innovation Mixed use
48 Innovation Mixed use
49 Innovation Mixed use
50 Parking Garage + Innovation Mixed use
51 Parking Garage (Athletics)
52 Innovation Mixed use
53 Innovation Mixed use

Attachment B

Approved Jurisdictional Determination for the Placer Ranch Specific Plan

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
1325 J STREET
SACRAMENTO CA 95814-2922

April 9, 2021

Regulatory Division (SPK-2002-00685)

Madrone Ecological Consulting, LLC
Attn: Ms. Sarah VonderOhe
8421 Auburn Blvd., Ste. 248
Citrus Heights, California 95610-0392
svonderohe@MadroneEco.com

Dear Ms. VonderOhe:

We are responding to your October 13, 2020, request for an approved jurisdictional determination for the Placer Ranch site. The approximately 2,213-acre project site is located near Pleasant Grove Creek, east and west of Fiddyment Road, south of Sunset Boulevard West, and west of Highway 65, Latitude 38.817°, Longitude -121.348°, Roseville, Placer County, California.

Based on available information, we concur with your aquatic resources delineation for the site, as depicted on the enclosed March 15, 2021, *Placer Ranch Specific Plan Aquatic Resources Delineation* drawing, prepared by Madrone Ecological Consulting (enclosure 1). Approximately 83.54 acres of aquatic resources, consisting of approximately 23.91 acres of seasonal wetland, 13.62 acres of seasonal wetland (abandoned rice field), 26.58 acres of seasonal wetland swale, 11.63 acres of vernal pool, 5.60 acres/ 25,386 linear feet of ephemeral drainage, and 2.21 acres/ 4,941 linear feet of intermittent drainage are present within the survey area. This letter verifies that the location and boundaries of wetlands were delineated consistent with the wetland definition at 33 CFR §328.3(c)(16), the 1987 *Corps of Engineers Wetlands Delineation Manual* (Wetlands Research Program Technical Report Y-87-1) and the applicable regional supplements; the location and boundaries of tidal waters conform with the high tide line defined at 33 CFR §328.3(c)(4); and the location and boundaries of non-tidal waters conform with the ordinary high water mark definition at 33 CFR §328.3(c)(7), Regulatory Guidance Letter 05-05, and any applicable regional guide.

Of these aquatic resources, we have determined that those features identified as intermittent drainages ID1 – ID6 totaling 2.208 acres/ 4,941 linear feet, seasonal wetland SW511 totaling 0.075 acre, seasonal wetland swale SWS151 totaling 0.004 acre, and vernal pool VP103 totaling 0.092 acre are waters of the United States pursuant to 33 CFR Part 328 and are regulated under Section 404 of the Clean Water Act. Those features identified as ephemeral drainages ED1 – ED5 totaling 5.602 acres/ 25,386 linear feet, seasonal wetland SW1 – SW510 totaling 23.831 acres, seasonal

wetland (abandoned rice field) SWA1 – SWA112 totaling 13.619 acres, seasonal wetland swale SWS1 – SWS189 (excluding SWS151) totaling 26.573 acres, and vernal pool VP1 – VP115 (excluding VP103) totaling 11.537 acres are not waters of the U.S. regulated under Section 404 of the Clean Water Act or under Section 10 of the Rivers and Harbors Act.

We are enclosing copies of the *Approved Jurisdictional Determination Forms* for your site (enclosures 2 and 3).

This approved jurisdictional determination is valid for five years from the date of this letter unless new information warrants revision of the determination before the expiration date. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 Code of Federal Regulations (CFR) Part 331. A *Notification of Appeal Process* (NAP) *and Request for Appeal* (RFA) *Form* is enclosed (enclosure 4). If you request to appeal this determination, you must submit a completed RFA form to the South Pacific Division Office at the following address: Administrative Appeal Review Officer, Army Corps of Engineers, South Pacific Division, CESPD-PDO, 1455 Market Street, 2052B, San Francisco, California 94103-1399, Telephone: 415-503-6574, FAX: 415-503-6646.

In order for an RFA to be accepted by the Corps, we must determine that the form is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that the form was received by the Division Office within 60 days of the date of the NAP. It is not necessary to submit an RFA form to the Division Office unless you object to the determination in this letter.

We recommend that you provide a copy of this letter and notice to all other affected parties, including any individual who has an identifiable and substantial legal interest in the property.

The delineation included herein has been conducted to identify the location and extent of the aquatic resource boundaries and/or the jurisdictional status of aquatic resources for purposes of the Clean Water Act for the particular site identified in this request. This delineation and/or jurisdictional determination may not be valid for the Wetland Conservation Provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should discuss the applicability of a certified wetland determination with the local USDA service center, prior to starting work.

We appreciate feedback, especially about interaction with our staff and our processes.

Please refer to identification number SPK-2002-00685 in any correspondence concerning this project. If you have any questions, please contact Kaitlyn Pascus at our California North Section Office, Regulatory Division, U.S. Army Corps of Engineers, 1325 J Street, Room 1350, Sacramento, California 95814-2922, by email at Kaitlyn.A.Pascus@usace.army.mil, or telephone at (312) 579-5605. For program information or to complete our Customer Survey, visit our website at www.spk.usace.army.mil/Missions/Regulatory.aspx.

Sincerely,

Nancy A. Haley
Chief, California North Section

Enclosures

cc: (w/encls)
Ms. Sarah VonderOhe, Madrone Ecological Consulting, svonderohe@MadroneEco.com
Ms. Daria Snyder, Madrone Ecological Consulting, dsnider@MadroneEco.com
Mr. Sam Ziegler, U.S. Environmental Protection Agency, Ziegler.Sam@epa.gov
Ms. Stephanie Tadlock, RWQCB, Stephanie.Tadlock@waterboards.ca.gov

AQUATIC RESOURCE FEATURES

WETLANDS

Seasonal Wetland

Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage
SW1	0.535	SW35	0.009	SW71	0.001	SW107	0.103
SW2	0.205	SW36	0.012	SW72	0.051	SW108	0.024
SW3	0.031	SW37	0.001	SW73	0.003	SW109	0.019
SW4	0.025	SW38	0.073	SW74	0.096	SW110	0.014
SW5	0.007	SW39	0.031	SW75	0.356	SW111	0.101
SW6	0.279	SW40	0.115	SW76	0.011	SW112	0.011
SW7	0.005	SW41	0.061	SW77	0.227	SW113	0.085
SW8	0.175	SW42	0.151	SW78	0.122	SW114	0.024
SW9	0.002	SW43	0.050	SW79	0.007	SW115	0.004
SW10	0.036	SW44	0.054	SW80	0.043	SW116	0.070
SW11	0.004	SW45	0.052	SW81	0.005	SW117	0.022
SW12	0.011	SW46	0.003	SW82	0.038	SW118	0.011
SW13	0.003	SW47	0.008	SW83	0.181	SW119	0.080
SW14	0.004	SW48	0.009	SW84	0.032	SW120	0.173
SW15	0.013	SW49	0.008	SW85	0.007	SW121	0.024
SW16	0.020	SW50	0.073	SW86	0.036	SW122	0.097
SW17	0.004	SW51	0.028	SW87	0.009	SW123	0.005
SW18	0.028	SW52	0.004	SW88	0.094	SW124	0.050
SW19	0.140	SW53	0.005	SW89	0.009	SW125	0.013
SW20	0.029	SW54	0.032	SW90	0.076	SW126	0.006
SW21	0.085	SW55	0.040	SW91	0.086	SW127	0.144
SW22	0.056	SW56	0.024	SW92	0.277	SW128	0.018
SW23	0.042	SW57	0.077	SW93	0.015	SW129	0.012
SW24	0.033	SW58	0.074	SW94	0.122	SW130	0.291
SW25	0.010	SW59	0.056	SW95	0.028	SW131	0.034
SW26	0.049	SW60	0.004	SW96	0.037	SW132	0.073
SW27	0.096	SW61	0.102	SW97	0.023	SW133	0.138
SW28	0.038	SW62	0.142	SW98	0.206	SW134	0.002
SW29	0.026	SW63	0.004	SW99	0.059	SW135	0.184
SW30	0.044	SW64	0.031	SW100	0.412	SW136	0.002
SW31	0.066	SW65	0.163	SW101	0.063	SW137	0.005
SW32	0.013	SW66	0.002	SW102	0.267	SW138	0.002
SW33	0.056	SW67	0.004	SW103	0.019	SW139	0.026
SW34	0.071	SW68	0.058	SW104	0.072	SW140	0.018
		SW69	0.043	SW105	0.108	SW141	0.005
		SW70	0.004	SW106	0.078	SW142	0.014

Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage
SW143	0.005	SW179	0.114	SW215	0.026	SW251	0.111
SW144	0.005	SW180	0.289	SW216	0.029	SW252	0.080
SW145	0.005	SW181	0.078	SW217	0.007	SW253	0.010
SW146	0.249	SW182	0.078	SW218	0.002	SW254	0.012
SW147	0.006	SW183	0.013	SW219	0.001	SW255	0.003
SW148	0.279	SW184	0.123	SW220	0.026	SW256	0.010
SW149	0.003	SW185	0.087	SW221	0.000	SW257	0.001
SW150	0.035	SW186	0.063	SW222	0.001	SW258	0.072
SW151	0.053	SW187	0.014	SW223	0.015	SW259	0.060
SW152	0.032	SW188	0.041	SW224	0.051	SW260	0.002
SW153	0.017	SW189	0.010	SW225	0.012	SW261	0.027
SW154	0.074	SW190	0.070	SW226	0.004	SW262	0.023
SW155	0.078	SW191	0.019	SW227	0.009	SW263	0.038
SW156	0.138	SW192	0.022	SW228	0.004	SW264	0.032
SW157	0.041	SW193	0.036	SW229	0.004	SW265	0.005
SW158	0.057	SW194	0.150	SW230	0.005	SW266	0.002
SW159	0.060	SW195	0.026	SW231	0.026	SW267	0.008
SW160	0.018	SW196	0.006	SW232	0.009	SW268	0.014
SW161	0.038	SW197	0.026	SW233	0.007	SW269	0.009
SW162	0.016	SW198	0.214	SW234	0.032	SW270	0.138
SW163	0.015	SW199	0.020	SW235	0.001	SW271	0.007
SW164	0.014	SW200	0.001	SW236	0.000	SW272	0.004
SW165	0.016	SW201	0.052	SW237	0.027	SW273	0.016
SW166	0.009	SW202	0.003	SW238	0.018	SW274	0.069
SW167	0.044	SW203	0.008	SW239	0.024	SW275	0.044
SW168	0.020	SW204	0.008	SW240	0.050	SW276	0.023
SW169	0.002	SW205	0.006	SW241	0.028	SW277	0.022
SW170	0.026	SW206	0.008	SW242	0.002	SW278	0.023
SW171	0.001	SW207	0.038	SW243	0.003	SW279	0.024
SW172	0.002	SW208	0.021	SW244	0.008	SW280	0.012
SW173	0.004	SW209	0.020	SW245	0.002	SW281	0.001
SW174	0.022	SW210	0.002	SW246	0.006	SW282	0.032
SW175	0.026	SW211	0.025	SW247	0.038	SW283	0.004
SW176	0.001	SW212	0.006	SW248	0.199	SW284	0.006
SW177	0.024	SW213	0.002	SW249	0.030	SW285	0.022
SW178	0.132	SW214	0.047	SW250	0.002	SW286	0.020

Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage
SW287	0.008	SW323	0.233	SW359	0.021	SW395	0.039
SW288	0.015	SW324	0.005	SW360	0.091	SW396	0.047
SW289	0.001	SW325	0.019	SW361	0.030	SW397	0.010
SW290	0.004	SW326	0.117	SW362	0.004	SW398	0.016
SW291	0.018	SW327	0.056	SW363	0.005	SW399	0.033
SW292	0.005	SW328	0.037	SW364	0.002	SW400	0.007
SW293	0.005	SW329	0.012	SW365	0.014	SW401	0.014
SW294	0.023	SW330	0.002	SW366	0.018	SW402	0.021
SW295	0.001	SW331	0.007	SW367	0.025	SW403	0.046
SW296	0.032	SW332	0.012	SW368	0.011	SW404	0.020
SW297	0.032	SW333	2.205	SW369	0.023	SW405	0.016
SW298	0.008	SW334	0.345	SW370	0.004	SW406	0.074
SW299	0.013	SW335	0.005	SW371	0.026	SW407	0.018
SW300	0.022	SW336	0.011	SW372	0.006	SW408	0.007
SW301	0.034	SW337	0.002	SW373	0.003	SW409	0.020
SW302	0.098	SW338	0.002	SW374	0.007	SW410	0.075
SW303	0.004	SW339	0.264	SW375	0.003	SW411	0.054
SW304	0.061	SW340	0.084	SW376	0.004	SW412	0.174
SW305	0.138	SW341	0.004	SW377	0.030	SW413	0.005
SW306	0.033	SW342	0.002	SW378	0.004	SW414	0.013
SW307	0.073	SW343	0.004	SW379	0.026	SW415	0.058
SW308	0.004	SW344	0.001	SW380	0.003	SW416	0.008
SW309	0.005	SW345	0.002	SW381	0.002	SW417	0.002
SW310	0.003	SW346	0.033	SW382	0.002	SW418	0.035
SW311	0.334	SW347	0.019	SW383	0.003	SW419	0.011
SW312	0.098	SW348	0.001	SW384	0.010	SW420	0.003
SW313	0.051	SW349	0.010	SW385	0.009	SW421	0.003
SW314	0.005	SW350	0.003	SW386	0.002	SW422	0.004
SW315	0.008	SW351	0.022	SW387	0.004	SW423	0.017
SW316	0.027	SW352	0.000	SW388	0.053	SW424	0.035
SW317	0.020	SW353	0.001	SW389	0.013	SW425	0.031
SW318	0.088	SW354	0.001	SW390	0.012	SW426	0.018
SW319	0.064	SW355	0.045	SW391	0.024	SW427	0.009
SW320	0.026	SW356	0.001	SW392	0.015	SW428	0.043
SW321	0.106	SW357	0.001	SW393	0.001	SW429	0.076
SW322	0.024	SW358	0.029	SW394	0.009	SW430	0.222

Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage
SW431	0.144	SW467	0.016	SW503	0.002
SW432	0.148	SW468	0.032	SW504	0.061
SW433	0.091	SW469	0.020	SW505	0.005
SW434	0.045	SW470	0.052	SW506	0.013
SW435	0.026	SW471	0.080	SW507	0.032
SW436	0.022	SW472	0.181	SW508	0.064
SW437	0.067	SW473	0.150	SW509	0.061
SW438	0.104	SW474	0.036	SW510	0.038
SW439	0.056	SW475	0.012	SW511	0.075
SW440	0.021	SW476	0.013	Total:	23.906
SW441	0.002	SW477	0.032		
SW442	0.004	SW478	0.070		
SW443	0.012	SW479	0.041		
SW444	0.004	SW480	0.023		
SW445	0.012	SW481	0.156		
SW446	0.007	SW482	0.006		
SW447	0.011	SW483	0.026		
SW448	0.009	SW484	0.024		
SW449	0.010	SW485	0.025		
SW450	0.007	SW486	0.010		
SW451	0.006	SW487	0.050		
SW452	0.038	SW488	0.026		
SW453	0.009	SW489	0.016		
SW454	0.040	SW490	0.020		
SW455	0.096	SW491	0.014		
SW456	0.045	SW492	0.017		
SW457	0.004	SW493	0.005		
SW458	0.032	SW494	0.022		
SW459	0.029	SW495	0.081		
SW460	0.006	SW496	0.002		
SW461	0.003	SW497	0.008		
SW462	0.002	SW498	0.026		
SW463	0.066	SW499	0.050		
SW464	0.003	SW500	0.002		
SW465	0.026	SW501	0.034		
SW466	0.042	SW502	0.002		

Seasonal Wetland (Abandoned Rice Field)

Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage
SWA1	0.005	SWA22	0.007	SWA58	0.019	SWA94	0.022
SWA2	0.093	SWA23	0.016	SWA59	0.004	SWA95	0.004
SWA3	0.005	SWA24	0.012	SWA60	0.005	SWA96	0.002
SWA4	0.004	SWA25	0.228	SWA61	0.020	SWA97	0.003
SWA5	0.160	SWA26	0.003	SWA62	0.096	SWA98	0.002
SWA6	0.065	SWA27	0.240	SWA63	0.008	SWA99	0.004
SWA7	0.003	SWA28	0.002	SWA64	0.110	SWA100	0.010
SWA8	0.039	SWA29	0.035	SWA65	0.003	SWA101	0.012
SWA9	0.010	SWA30	0.330	SWA66	9.355	SWA102	0.003
SWA10	0.004	SWA31	0.054	SWA67	0.043	SWA103	0.007
SWA11	0.059	SWA32	0.004	SWA68	0.006	SWA104	0.025
SWA12	0.002	SWA33	0.080	SWA69	0.070	SWA105	0.075
SWA13	0.008	SWA34	0.118	SWA70	0.003	SWA106	0.006
SWA14	0.005	SWA35	0.002	SWA71	0.144	SWA107	0.003
SWA15	0.060	SWA36	0.005	SWA72	0.084	SWA108	0.298
SWA16	0.024	SWA37	0.003	SWA73	0.001	SWA109	0.005
SWA17	0.058	SWA38	0.001	SWA74	0.010	SWA110	0.012
SWA18	0.052	SWA39	0.013	SWA75	0.213	SWA111	0.027
SWA19	0.007	SWA40	0.002	SWA76	0.002	SWA112	0.490
SWA20	0.055	SWA41	0.006	SWA77	0.011	Total:	13.619
SWA21	0.004	SWA42	0.011	SWA78	0.004		
		SWA43	0.004	SWA79	0.002		
		SWA44	0.008	SWA80	0.004		
		SWA45	0.038	SWA81	0.002		
		SWA46	0.026	SWA82	0.007		
		SWA47	0.002	SWA83	0.035		
		SWA48	0.013	SWA84	0.026		
		SWA49	0.017	SWA85	0.008		
		SWA50	0.004	SWA86	0.002		
		SWA51	0.029	SWA87	0.037		
		SWA52	0.018	SWA88	0.015		
		SWA53	0.086	SWA89	0.012		
		SWA54	0.004	SWA90	0.005		
		SWA55	0.013	SWA91	0.047		
		SWA56	0.022	SWA92	0.014		
		SWA57	0.002	SWA93	0.002		

Seasonal Wetland Swale

Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage
SWS1	0.168	SWS13	0.563	SWS49	0.002	SWS85	0.017	SWS121	0.002	SWS157	0.006
SWS2	0.120	SWS14	0.351	SWS50	0.003	SWS86	0.005	SWS122	0.021	SWS158	0.001
SWS3	0.010	SWS15	0.019	SWS51	0.001	SWS87	0.004	SWS123	0.029	SWS159	0.001
SWS4	0.160	SWS16	0.002	SWS52	0.023	SWS88	0.006	SWS124	0.005	SWS160	0.034
SWS5	0.011	SWS17	0.285	SWS53	0.106	SWS89	0.189	SWS125	0.003	SWS161	0.024
SWS6	0.194	SWS18	0.151	SWS54	0.085	SWS90	0.024	SWS126	0.020	SWS162	0.022
SWS7	0.017	SWS19	0.007	SWS55	0.024	SWS91	0.063	SWS127	0.012	SWS163	0.343
SWS8	0.029	SWS20	0.005	SWS56	0.068	SWS92	0.006	SWS128	0.002	SWS164	0.092
SWS9	0.162	SWS21	0.015	SWS57	0.008	SWS93	0.186	SWS129	0.021	SWS165	0.031
SWS10	0.907	SWS22	0.003	SWS58	0.011	SWS94	0.035	SWS130	0.003	SWS166	0.065
SWS11	0.059	SWS23	0.447	SWS59	0.016	SWS95	0.012	SWS131	0.047	SWS167	0.014
SWS12	0.078	SWS24	0.006	SWS60	0.025	SWS96	0.015	SWS132	0.004	SWS168	0.010
		SWS25	0.171	SWS61	0.005	SWS97	0.029	SWS133	0.051	SWS169	0.011
		SWS26	0.794	SWS62	0.050	SWS98	0.013	SWS134	0.096	SWS170	0.007
		SWS27	0.090	SWS63	0.016	SWS99	0.018	SWS135	0.099	SWS171	1.560
		SWS28	0.473	SWS64	0.028	SWS100	0.035	SWS136	0.682	SWS172	0.004
		SWS29	0.018	SWS65	0.035	SWS101	0.010	SWS137	0.337	SWS173	0.217
		SWS30	0.012	SWS66	0.034	SWS102	0.127	SWS138	0.189	SWS174	0.023
		SWS31	0.126	SWS67	0.004	SWS103	0.002	SWS139	0.362	SWS175	0.017
		SWS32	0.600	SWS68	0.001	SWS104	0.009	SWS140	0.037	SWS176	0.008
		SWS33	0.097	SWS69	0.001	SWS105	0.004	SWS141	0.013	SWS177	0.003
		SWS34	0.033	SWS70	0.005	SWS106	0.001	SWS142	0.006	SWS178	0.004
		SWS35	0.065	SWS71	0.138	SWS107	0.001	SWS143	0.074	SWS179	0.078
		SWS36	0.230	SWS72	0.002	SWS108	0.002	SWS144	0.018	SWS180	0.015
		SWS37	0.043	SWS73	0.015	SWS109	0.419	SWS145	0.143	SWS181	0.039
		SWS38	0.076	SWS74	10.010	SWS110	0.174	SWS146	0.001	SWS182	0.018
		SWS39	0.290	SWS75	0.002	SWS111	0.020	SWS147	0.002	SWS183	0.110
		SWS40	0.160	SWS76	0.027	SWS112	0.114	SWS148	0.011	SWS184	0.035
		SWS41	0.002	SWS77	0.006	SWS113	0.138	SWS149	0.019	SWS185	0.015
		SWS42	0.084	SWS78	0.010	SWS114	0.018	SWS150	0.015	SWS186	0.023
		SWS43	0.005	SWS79	0.002	SWS115	0.019	SWS151	0.004	SWS187	0.023
		SWS44	0.003	SWS80	0.009	SWS116	0.006	SWS152	0.218	SWS188	0.035
		SWS45	0.464	SWS81	0.016	SWS117	0.057	SWS153	0.036	SWS189	0.099
		SWS46	0.099	SWS82	0.031	SWS118	0.248	SWS154	0.041	Total:	26.577
		SWS47	0.035	SWS83	0.008	SWS119	0.069	SWS155	0.070		
		SWS48	0.153	SWS84	0.021	SWS120	0.058	SWS156	0.004		

Vernal Pool

Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage	Feature ID	Acreage
VP1	0.910	VP36	0.019	VP72	0.040	VP108	0.102
VP2	0.008	VP37	0.022	VP73	0.036	VP109	0.072
VP3	0.523	VP38	0.034	VP74	0.030	VP110	0.106
VP4	0.422	VP39	0.060	VP75	0.092	VP111	0.084
VP5	0.210	VP40	0.131	VP76	0.044	VP112	0.190
VP6	0.095	VP41	0.051	VP77	0.026	VP113	0.046
VP7	0.059	VP42	0.765	VP78	0.073	VP114	0.047
VP8	0.230	VP43	0.116	VP79	0.025	VP115	0.113
VP9	0.129	VP44	0.060	VP80	0.012	Total:	11.629
VP10	0.107	VP45	0.068	VP81	0.029		
VP11	0.348	VP46	0.200	VP82	0.036		
VP12	0.320	VP47	0.036	VP83	0.000		
VP13	0.064	VP48	0.023	VP84	0.052		
VP14	0.160	VP49	0.006	VP85	0.002		
VP15	0.127	VP50	0.154	VP86	0.004		
VP16	0.058	VP51	0.342	VP87	0.004		
VP17	0.101	VP52	0.043	VP88	0.026		
VP18	0.458	VP53	0.080	VP89	0.026		
VP19	0.098	VP54	0.003	VP90	0.020		
VP20	0.050	VP55	0.012	VP91	0.027		
VP21	0.110	VP56	0.164	VP92	0.178		
VP22	0.217	VP57	0.004	VP93	0.069		
VP23	0.114	VP58	0.001	VP94	0.014		
VP24	0.001	VP59	0.002	VP95	0.047		
VP25	0.012	VP60	0.008	VP96	0.065		
VP26	0.027	VP61	0.252	VP97	0.047		
VP27	0.067	VP62	0.039	VP98	0.015		
VP28	0.013	VP63	0.109	VP99	0.042		
VP29	0.062	VP64	0.042	VP100	0.022		
VP30	0.002	VP65	0.224	VP101	0.080		
VP31	0.016	VP66	0.168	VP102	0.048		
VP32	0.007	VP67	0.158	VP103	0.092		
VP33	0.015	VP68	0.040	VP104	0.066		
VP34	0.089	VP69	0.013	VP105	0.151		
VP35	0.015	VP70	0.035	VP106	0.062		
		VP71	0.107	VP107	0.432		

Total Wetlands: 75.731 acres

Other Waters

Ephemeral Drainage

Feature ID	Acreage	Linear Feet
ED1	4.332	18,889
ED2	1.202	5,828
ED3	0.042	337
ED4	0.011	128
ED5	0.015	204
Total:	5.602	25,386

Intermittent Drainage

Feature ID	Acreage	Linear Feet
ID1	0.622	984
ID2	0.107	244
ID3	1.346	3,215
ID4	0.034	100
ID5	0.032	72
ID6	0.067	326
Total:	2.208	4,941
Total Other Waters:	7.81	30,327

Total Aquatic Resources: 83.541 acres

Notes:
Map Scale: 1 inch = 400 feet
Coordinate System: NAD 1983 State Plane California II
Datum: NAD83 (North American Datum 1983)
Projection: Lambert Conformal Conic
Vertical Data: NAVD88 (North American Vertical Datum 1988)
Aerial Base Sources: City of Rocklin, 19 April 2018, and City of Roseville, 22 April 2019
Topographic Contours: MacKay & Somps, 6 May 2020

Definitions:
NAD = North American Datum
NAVD = North American Vertical Datum
NED = National Elevation Database
USGS = United State Geological Survey

Date Map Prepared: 15 March 2021
Map Prepared by: N. Bente
Delineation Performed by: D. Snider, and Wildlands, Inc. Biologists

N
Feet
0 200 400

Prepared For:
Placer Ranch, Inc.
c/o Holly Tiche
P.O. Box 3353
Rocklin, CA 95677

Study Area Boundary (2,213 acres)
Reference Point
Data Point

Aquatic Resources (83.541 acres)
Wetlands (75.731 acres)
Seasonal Wetland (23.906 acres)
Seasonal Wetland (Abandoned Rice Field) (13.619 acres)
Seasonal Wetland Swale (26.577 acres)
Vernal Pool (11.629 acres)

Other Waters (7.810 acres)
Ephemeral Drainage (5.602 acres)
Intermittent Drainage (2.208 acres)

Placer Ranch Specific Plan
Aquatic Resources Delineation
Placer County, California

MADRONE ECOLOGICAL CONSULTING
8421 Auburn Boulevard, Suite 248
Citrus Heights, California 95610
(916) 822.3220 | www.madroneeco.com

U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): April 6, 2021
ORM Number: SPK-2002-00685
Associated JDs: N/A
Review Area Location[1]:
State/Territory: CA City: Roseville County: Placer County
Center Coordinates of Review Area: Latitude 38.817823 Longitude -121.348617

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- ☐ The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- ☐ There are "navigable waters of the United States" within Rivers and Harbors Act jurisdiction within the review area (complete table in section II.B).
- ☒ There are "waters of the United States" within Clean Water Act jurisdiction within the review area (complete appropriate tables in section II.C).
- ☐ There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)[2]

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A	N/A	N/A	N/A

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters)[3]

(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A	N/A	N/A	N/A

Tributaries ((a)(2) waters):

(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
ID1	0.622 acres	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	ID1 is an unnamed intermittent tributary to Pleasant Grove Creek, an (a)(2) water, which is a tributary to the Sacramento River, an (a)(1) water of the U.S., via Cross Canal. The intermittent stream is located approximately 15 miles east of the Sacramento River, and is augmented by summer irrigation water and urban storm water run-off.
ID2	0.107 acres	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	ID2 is an unnamed intermittent tributary to Pleasant Grove Creek, an (a)(2) water, which is a tributary to the Sacramento River, an (a)(1) water of the U.S., via Cross Canal. The intermittent stream is located approximately 15 miles east of the Sacramento River,

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[3] A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where independent upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD form.
[4] Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps Districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.
[5] Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.

			and is augmented by summer irrigation water and urban storm water run-off.
ID3	1.346 acres	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	ID3 is an unnamed intermittent tributary to Pleasant Grove Creek, an (a)(2) water, which is a tributary to the Sacramento River, an (a)(1) water of the U.S., via Cross Canal. The intermittent stream is located approximately 15 miles east of the Sacramento River, and is augmented by summer irrigation water and urban storm water run-off.
ID4	0.034 acres	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	ID4 is an unnamed intermittent tributary to Pleasant Grove Creek, an (a)(2) water, which is a tributary to the Sacramento River, an (a)(1) water of the U.S., via Cross Canal. The intermittent stream is located approximately 15 miles east of the Sacramento River, and is augmented by summer irrigation water and urban storm water run-off.
ID5	0.032 acres	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	ID5 is an unnamed intermittent tributary to Pleasant Grove Creek, an (a)(2) water, which is a tributary to the Sacramento River, an (a)(1) water of the U.S., via Cross Canal. The intermittent stream is located approximately 15 miles east of the Sacramento River, and is augmented by summer irrigation water and urban storm water run-off.
ID6	0.067 acres	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	ID6 is an unnamed intermittent tributary to Pleasant Grove Creek, an (a)(2) water, which is a tributary to the Sacramento River, an (a)(1) water of the U.S., via Cross Canal. The intermittent stream is located approximately 15 miles east of the Sacramento River, and is augmented by summer irrigation water and urban storm water run-off.

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):

(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A	N/A	N/A	N/A

Adjacent wetlands ((a)(4) waters):

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
SW511	0.075 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	SW511 meets the definition of paragraph (c)(16) and directly abuts ID3, an (a)(2) water. SW511 is a remnant oxbow, which receives flood flows from ID3 in a typical year. SW511 is an (a)(4) water because it directly abuts an (a)(2) water and is inundated by flooding from an (a)(2) water in a typical year.
SWS151	0.004 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	SWS151 meets the definition of paragraph (c)(16) and directly abuts ID3, an (a)(2) water. SWS151 is an (a)(4) water because it directly abuts an (a)(2) water.
VP103	0.092 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	VP103 meets the definition of paragraph (c)(16) and has a continuous physical surface connection to SWS151 such that upland boundaries, dikes, barriers, or other structures cannot distinguish or delineate it as physically separated. Therefore, VP103 is an (a)(4)

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			water because it is physically interconnected with SWS151, an (a)(4) water.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))[4]:

Exclusion Name	Exclusion Size	Exclusion[5]	Rationale for Exclusion Determination
N/A	N/A	N/A	N/A

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

_X_ Information submitted by, or on behalf of, the applicant/consultant: *Data sheets provided by the consultant dated, March 3, 2021, and an Aquatic Resources Delineation Map dated, March 15, 2021.*
This information *is* sufficient for purposes of this AJD.
Rationale: *N/A.*

___ Data sheets prepared by the Corps: *N/A.*

_X_ Photographs:
1) Ground photos taken by the Corps in the field on February 19, 2021.
2) Aerial Imagery: Google Earth 7.3.3.7692. Image Dates: December 1, 2002, December 31, 2004, March 30, 2011, April 18, 2014, April 16, 2015, October 25, 2016, April 19, 2017, and February 1, 2018. Roseville, California. Latitude 38.806°N, Longitude -121.308°W, eye alt 500 – 4,100 ft. Retrieved February 15, 2021, from http://www.earth.google.com
3) Digital Globe 2020.Q2.R1.OCR1. Image Dates: January 31, 2019, January 7, 2020, and February 10, 2020. Roseville, California. Latitude 38.806°N, Longitude -121.308°W, eye alt 500 – 4,100 ft. Retrieved February 15, 2021, from https://evwhs.digitalglobe.com

_X_ Corps Site visit(s) conducted on: *19 FEB 2021.*

_X_ Previous Jurisdictional Determinations (AJDs or PJDs): *SPK-2002-00685, delineation verification dated August 6, 2003 and Preliminary JD dated March 25, 2015.*

___ Antecedent Precipitation Tool: *N/A*

___ USDA NRCS Soil Survey: *N/A*

_X_ USFWS NWI maps: *National Wetland Inventory. Project area: Roseville, California. Source imagery date: 1983. Washington, D.C.: U.S. Fish and Wildlife Service, Dept. of the Interior. Retrieved February 15, 2021, from Wetland Mapper: https://www.fws.gov/wetlands/data/mapper.html.*

_X_ USGS topographic maps: *United States Geological Survey. 1:24 000-Scale Metric Topographic Map. Pleasant Grove Quadrangle, California. 7.5-Minute Series. Reston, Va: U.S. Department of the Interior. 2018. United States Geological Survey. 1:24 000-Scale Metric Topographic Map. Roseville Quadrangle, California. 7.5-Minute Series. Reston, Va:*

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U.S. Department of the Interior. 2018.

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	N/A.
Other Sources	N/A.

B. Typical year assessment(s): N/A.

C. Additional comments to support AJD: Intermittent drainage (ID) features 1 through 5 are portions of the same unnamed tributary flowing through the southeast corner of the property. This unnamed tributary is shown as a blue line intermittent stream on the *Roseville CA* 2018 USGS topographic quadrangle map and shows evidence of sediment deposition, hydrophytic vegetation, and algae which we typically find in low gradient intermittent streams in this region. The unnamed tributary flows to Pleasant Grove Creek, which is a tributary to the Sacramento River, an (a)(1) water of the U.S., via the Cross Canal. Seasonal flows within the tributary are augmented by summer irrigation water and urban storm water run-off. Wetland features SW511 and SWS151 directly abut ID3, an (a)(2) water, which make them both (a)(4) waters. Since VP103 is physically interconnected to SWS151, it too is an (a)(4) water.

[1] Map(s)/Figure(s) are attached to the AJD provided to the requestor.
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[5] Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.

U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): April 6, 2021
ORM Number: SPK-2002-00685
Associated JDs: N/A
Review Area Location[1]:
State/Territory: CA City: Roseville County: Placer County
Center Coordinates of Review Area: Latitude 38.817823 Longitude -121.348617

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- ☐ The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- ☐ There are "navigable waters of the United States" within Rivers and Harbors Act jurisdiction within the review area (complete table in section II.B).
- ☐ There are "waters of the United States" within Clean Water Act jurisdiction within the review area (complete appropriate tables in section II.C).
- ☒ There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)[2]

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A	N/A	N/A	N/A

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters)[3]

(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A	N/A	N/A	N/A

Tributaries ((a)(2) waters):

(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
N/A	N/A	N/A	N/A

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):

(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A	N/A	N/A	N/A

Adjacent wetlands ((a)(4) waters):

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
N/A	N/A	N/A	N/A

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D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))[4]:

Exclusion Name	Exclusion Size	Exclusion[5]	Rationale for Exclusion Determination
ED1 – ED5	5.602 acres / 25,386 linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Ephemeral drainage features 1 through 5 flow only in direct response to precipitation (e.g., rain or snowfall). Specifically, they drain surface water from adjacent upland and wetland complexes, and flow only in response to localized storm events with 3 or more inches of rain within the past 14 days. These ephemeral drainage features do not convey seasonal or perennial flows.
SW1 – SW510	23.831 acres	(b)(1) Non-adjacent wetland	Seasonal wetland features 1 through 510 meet the definition of paragraph (c)(16); however, they do not abut, nor are they inundated by flooding from, an (a)(1) – (a)(3) water in a typical year, nor are they physically separated from an (a)(1) – (a)(3) water by a natural or artificial barrier. Furthermore, there is no hydrologic surface water connection between the seasonal wetland features and a paragraph (a)(1) – (a)(3) water in a typical year.
SWA1 – SWA112	13.619 acres	(b)(1) Non-adjacent wetland	Seasonal wetland abandoned rice field features 1 through 112 meet the definition of paragraph (c)(16); however, they do not abut, nor are they inundated by flooding from, an (a)(1) – (a)(3) water in a typical year, nor are they physically separated from an (a)(1) – (a)(3) water by a natural or artificial barrier. Furthermore, there is no hydrologic surface water connection between the seasonal wetland abandoned rice field features and a paragraph (a)(1) – (a)(3) water in a typical year.
SWS1 – SWS189	26.573 acres	(b)(1) Non-adjacent wetland	Seasonal wetland swale features 1 through 189 (excluding feature SWS151) meet the definition of paragraph (c)(16); however, they do not abut, nor are they inundated by flooding from, an (a)(1) – (a)(3) water in a typical year, nor are they physically separated from an (a)(1) – (a)(3) water by a natural or artificial barrier. Furthermore, there is no hydrologic surface water connection between the seasonal wetland swale features and a paragraph (a)(1) – (a)(3) water in a typical year.
VP1 – VP115	11.537 acres	(b)(1) Non-adjacent wetland	Vernal pool features 1 through 115 (excluding feature VP103) meet the definition of paragraph (c)(16); however, they do not abut, nor are they inundated by flooding from, an (a)(1) – (a)(3) water in a typical year, nor are they physically separated from an (a)(1) – (a)(3) water by a natural or artificial barrier. Furthermore, there is no hydrologic surface water connection between the vernal pool features and a paragraph (a)(1) – (a)(3) water in a typical year.

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[5] Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

_X_ Information submitted by, or on behalf of, the applicant/consultant: *Data sheets provided by the consultant dated, March 3, 2021, and an Aquatic Resources Delineation Map dated, March 15, 2021.*
This information *is* sufficient for purposes of this AJD.
Rationale: *N/A.*

___ Data sheets prepared by the Corps: *N/A.*

_X_ Photographs:
1) Ground photos taken by the Corps in the field on February 19, 2021.
2) Aerial Imagery: Google Earth 7.3.3.7692. Image Dates: December 1, 2002, December 31, 2004, March 30, 2011, April 18, 2014, April 16, 2015, October 25, 2016, April 19, 2017, and February 1, 2018. Roseville, California. Latitude 38.806°N, Longitude -121.308°W, eye alt 500 – 4,100 ft. Retrieved February 15, 2021, from http://www.earth.google.com
3) Digital Globe 2020.Q2.R1.OCR1. Image Dates: January 31, 2019, January 7, 2020, and February 10, 2020. Roseville, California. Latitude 38.806°N, Longitude -121.308°W, eye alt 500 – 4,100 ft. Retrieved February 15, 2021, from https://evwhs.digitalglobe.com

_X_ Corps Site visit(s) conducted on: *19 FEB 2021.*

_X_ Previous Jurisdictional Determinations (AJDs or PJDs): *SPK-2002-00685, delineation verification dated August 6, 2003 and Preliminary JD dated March 25, 2015.*

___ Antecedent Precipitation Tool: *N/A*

___ USDA NRCS Soil Survey: *N/A*

_X_ USFWS NWI maps: *National Wetland Inventory. Project area: Roseville, California. Source imagery date: 1983. Washington, D.C.: U.S. Fish and Wildlife Service, Dept. of the Interior. Retrieved February 15, 2021, from Wetland Mapper: https://www.fws.gov/wetlands/data/mapper.html.*

_X_ USGS topographic maps: *United States Geological Survey. 1:24 000-Scale Metric Topographic Map. Pleasant Grove Quadrangle, California. 7.5-Minute Series. Reston, Va: U.S. Department of the Interior. 2018. United States Geological Survey. 1:24 000-Scale Metric Topographic Map. Roseville Quadrangle, California. 7.5-Minute Series. Reston, Va: U.S. Department of the Interior. 2018.*

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.

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[2] If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.
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B. **Typical year assessment(s):** A typical year assessment was performed using the Corps' Antecedent Precipitation Tool (APT). According to the APT, a majority of aerial images of the ephemeral drainages taken from *Google Earth* and *Digital Globe* under "normal" antecedent rainfall conditions during the "wet season," reveal several stretches of no water and several areas of standing water (pooled), but no seasonal flow. Eight out of ten "wet season" aerial photos taken under "normal or wetter than normal" antecedent precipitation conditions, captured no seasonal flow. On several occasions where the site received 3 -10 inches of rain within the past 14 days, which is an above average amount of rain for that amount of time, the drainages appear to contain flowing water. Typical for the arid West, this flow is a direct result of multiple, individual storm events during the monsoon season. However, monsoon floodwaters are responsible for locally recharging the riparian aquifer through bank infiltration and supply sustained base flow to streams in the arid West when it is not raining or has not recently rained. Such streams would meet the rule's definition of ''intermittent'' if they flow seasonally. None of the aerial images taken during the "dry season" under "normal drought and rainfall conditions" captured seasonal flow. Based on a weight of evidence from available information, as well as the information on climatic conditions compiled by the Corps' APT, we have determined that ephemeral drainage features ED1 through ED5 are excluded under paragraph (b)(3) of the rule.

C. **Additional comments to support AJD:** Review of available information indicates that ephemeral drainage features ED1 - ED5 flow only in direct response to localized storm events with 3 or more inches of rain within the past 14 days. There is no information available to indicate that these features flow continuously seasonally and more than in direct response to precipitation (e.g., seasonally when the groundwater table is elevated). The grazing manager of the site for the past decade confirmed the absence of seasonal flow by noting that a roughly ½"-1" storm (which occur multiple times each year) will drain off the site in several days and a 2"- 4" storm (which occur roughly once in an average year) will fully drain off the site in about a week, leaving residual water in isolated pools within the drainages with no seasonal flow. Ground photographs of these features show an ephemeral channel with an obscured ordinary high-water mark in most locations and show no evidence of sediment deposition and are free of hydrophytic (riparian) vegetation and algae which typically occur in low gradient intermittent and perennial streams in this region. Portions of ED1 appear to have been straightened and/or manipulated to drain water off-of, and away from, adjacent rice fields. None of the ephemeral features are shown as blue line intermittent or perennial streams on either the *Roseville CA* or *Pleasant Grove CA* 2018 USGS topographic quadrangle maps. This data supports the conclusion that ephemeral drainage features ED1 – ED5 do not convey seasonal or perennial flows; and thus, are excluded under paragraph (b)(3) of the rule.

Seasonal wetland and vernal pool features occur throughout the site in the form of a wetland complex system. Underlaying hard pan, or dura-pan, soil restricts their ability to percolate into the soil to reach groundwater. This restrictive soil layer causes low-lying areas or surface depressions to pool seasonally, in direct response to precipitation. These features remain saturated for a long enough

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period following rainfall to become dominated by hydrophytic species adapted to anaerobic conditions. These seasonal wetland and vernal pool features (except for SW511, SWS151, and VP103) drain through seasonal wetland swales, which drain into ephemeral features on the site. Since ephemeral drainages 1 through 5 are excluded under paragraph (b)(3), the seasonal wetland and vernal pool features are non-adjacent wetlands, excluded under paragraph (b)(1) of the rule. Furthermore, the intervening area between most vernal pools and ephemeral drainages is upland. Except for SW511, SWS151, and VP103, none of the seasonal wetland or vernal pool features abut, or are inundated by flooding from an, (a)(1) – (a)(3) water in a typical year, or are physically separated from an (a)(1) – (a)(3) water by a natural or artificial barrier. There is no hydrologic surface water connection between the seasonal wetland and vernal pool features and a paragraph (a)(1) – (a)(3) water in a typical year.

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NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Placer Ranch, Inc., Attn: Ms. Holly Tiche	File No.: SPK-2002-00685	Date: April 9, 2021
Attached is:		See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
	PERMIT DENIAL	C
→	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at *http://www.usace.army.mil/cecw/pages/reg_materials.aspx* or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit.

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer (address on reverse). This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer (address on reverse). This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer (address on reverse). This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Kaitlyn A. Pascus
Senior Regulatory Project Manager
U.S. Army Corps of Engineers
Regulatory Division
1325 J Street, Room 1350
Sacramento, California 95814-2922
Phone: 312-579-5605, FAX 916-557-7803
Email: Kaitlyn.A.Pascus@usace.army.mil

If you only have questions regarding the appeal process you may also contact:

Thomas J. Cavanaugh
Administrative Appeal Review Officer
U.S. Army Corps of Engineers
South Pacific Division
1455 Market Street, 2052B
San Francisco, California 94103-1399
Phone: 415-503-6574, FAX: 415-503-6646
Email: Thomas.J.Cavanaugh@usace.army.mil

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.	Date:	Telephone number:

Attachment C

Special-Status Plant Survey Report

Special-Status Plant Survey Report

Sacramento State - Placer Center

Placer County, California
June 2023

MADRONE ECOLOGICAL CONSULTING

Prepared for:
California State University, Sacramento
600 J Street
Sacramento, CA 95819

Recommended Citation:
Madrone Ecological Consulting, LLC (Madrone). 2023. *Special-Status Plant Survey Report for Sacramento State – Placer Center*. Prepared for California State University. Published on 12 June 2023.

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Sacramento State – Placer Center

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Figure 1. Vicinity Map
Figure 2. NRCS Soils
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Attachment A: Botanist Qualifications
Attachment B: Target Plant Species Reference Population Information
Attachment C: Plant Species Observed within the Sacramento State – Placer Center Study Area

1.0 INTRODUCTION

This report presents the results of a special-status plant survey conducted for the approximately 301-acre Sacramento State – Placer Center Study Area, which occurs within the Placer Ranch Specific Plan Area (PRSP) in unincorporated Placer County, California. The 301-acre Study Area is located in Sections 7 and 8, Township 11 North, Range 6 East (MDB&M) of the "Roseville, California" 7.5-Minute Series USGS Topographic Quadrangle (USGS 2021) (**Figure 1**).

2.0 METHODOLOGY

The special-status plant survey was conducted by Madrone Ecological Consulting, LLC (Madrone) biologist Daria Snider on 28 April and 15 May 2023. The special-status plant survey was conducted in accordance with the U.S. Fish and Wildlife Service's *Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed and Candidate Plants* (USFWS 1996), California Department of Fish and Wildlife's *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (CDFW 2018), and the *CNPS Botanical Survey Guidelines* (CNPS 2001). A special-status plant survey of this Study Area was previously completed by ECORP Consulting, LLC. in 2005 in accordance with similar protocols (ECORP 2015).

A list of special-status plant species with potential to occur within the Study Area was developed by reviewing the following literature, and then refining the list based on habitats present within the Study Area: a California Native Plant Society (CNPS) Rare and Endangered Plant Inventory (CNPS 2023) query of CRPR Lists 1A, 1B, 2A, 2B, and 3 within the "Roseville, California" Topographic Quadrangle (USGS 2015) and eight surrounding quadrangles; and the California Natural Diversity Database occurrences of special-status plant species within 5 miles of the Study Area (CNDDB 2023).

The target species for this survey were:

- Big-scale balsamroot (*Balsamorhiza macrolepis*);
- Dwarf downingia (*Downingia pusilla*);
- Boggs Lake hedge-hyssop (*Gratiola heterosepala*);
- Ahart's dwarf rush (*Juncus leiospermus* var. *ahartii*);
- Legenere (*Legenere limosa*);
- Pincushion navarretia (*Navarretia myersii* ssp. *myersii*);
- Slender Orcutt grass (*Orcuttia tenuis*); and
- Sacramento Orcutt grass (*Orcuttia viscida*).

Meandering pedestrian surveys were conducted throughout the Study Area. The surveys were floristic in nature, which means that all plant species observed on-site were identified to the taxonomic level necessary to determine rarity. Thus, if a special-status plant was present but not on the target list, it would have been detected and documented. Plant taxonomy was based on the nomenclature in the *Jepson eFlora* (Jepson Flora Project 2023). Vegetation communities were classified according to the *Manual of California Vegetation, Second Edition* (Sawyer et al. 2009). Qualifications for the biologist that conducted the surveys

is included in **Attachment A**, a list of reference populations of target plants visited is included in **Attachment B**, and a comprehensive list of all plant species observed during surveys of the Study Area is included in **Attachment C**.

3.0 EXISTING SITE CONDITIONS

The Study Area is characterized by gently rolling terrain with elevations ranging from about 105 feet above mean sea level (AMSL) on the west side to about 130 AMSL on the east. The southern portion of the Project abuts Placer Ranch 1A, which is currently under construction for residential development. The Study Area and surrounding areas to the west, north and east are currently undeveloped.

The Study Area and adjoining undeveloped land have historically been used for cattle grazing, but when construction to the south commenced last year, cattle grazing within the Study Area ceased. The area has historically been used for a variety of dry agricultural uses, including wheat and hay production and livestock grazing. The production of wheat and hay both involve discing of the soil, and a review of historic aerial photography indicates that the entire Study Area appears to have been historically disced. Discing associated with agricultural production appears to have ceased around 2010, since when the Study Area was used for cattle grazing until last year. The entire Study Area is comprised of annual brome grassland vegetation.

The annual brome grassland within the Study Area is dominated by soft chess (*Bromus hordeaceus*), medusa head (*Elymus caput-medusae*), tarweed (*Holocarpha virgata*), filaree (*Erodium botrys*), rye grass (*Festuca perennis*), hairy hawkbit (*Leontodon saxatilis*), angled pea (*Lathyrus angulatus*), and rose clover (*Trifolium hirtum*). Other species commonly observed within the annual brome grassland include hop clover (*Trifolium dubium*), annual quaking grass (*Briza minor*), and wild oat (*Avena fatua*). A small inclusion of tree of heaven (*Ailanthus altissima*) trees occurs on a hilltop in the eastern portion of the site. The understory of this group of trees is similar to the surrounding annual brome grassland.

3.1 Soils

According to the Natural Resources Conservation Service (NRCS) Soil Survey Database (NRCS 2023) (**Figure 2**), three soil mapping units occur within the Study Area: (104) Alamo-Fiddyment complex, 0 to 5 percent slopes; (141) Cometa-Fiddyment complex, 1 to 5 percent slopes; and (195) Xerofluvents, hardpan substratum. All three soil types are mildly acidic to neutral and have a duripan and/or clay pan layer that retains water throughout the spring but typically dry entirely into the early summer months (NRCS 2023). No alkaline or saline soils are present within the Study Area.

3.2 Aquatic Resources

Aquatic resources mapped within the Study Area include seasonal wetlands, seasonal wetland swales, vernal pools, and ephemeral drainages (**Figure 3**). A description of each of the aquatic resource types is included below.

3.2.1 Seasonal Wetland

Seasonal wetlands are depressional wetlands that pond water seasonally. These features are topographically and hydrologically similar to vernal pools, but typically support a slightly different plant community that is not characterized by a dominance of vernal pool endemics. Dominant plant species observed within the seasonal wetlands included Mediterranean barley (*Hordeum marinum*), ryegrass, and hyssop loosestrife (*Lythrum hyssopifolium*). Other plant species commonly observed in these features within the Study Area included slender popcorn flower (*Plagiobothrys stipitatus var. micranthus*), hop clover and annual quaking grass.

3.2.2 Seasonal Wetland Swale

Seasonal wetland swales are sloping, linear seasonal wetlands that convey storm water runoff, and may detain it for short periods of time. The majority of the seasonal wetland swales within the Study Area are dominated by the same plant species found in the seasonal wetlands and vernal pools.

3.2.3 Vernal Pool

Vernal pools are topographic basins within the grassland community that are typically underlain with an impermeable or semi-permeable hardpan or duripan layer. Vernal pools inundate during the wet season, and typically dry by late spring and remain dry through the summer months. Vernal pools were differentiated from depressional seasonal wetlands within the Study Area based upon the predominance of vernal pool endemic plant species. Plant species commonly occurring in the vernal pools within the Study Area included Carter's buttercup (*Ranunculus bonariensis var. trisepalus*), slender popcorn flower, bractless hedge-hyssop (*Gratiola ebracteata*), smooth goldfields (*Lasthenia glaberrima*), creeping spikerush, American pillwort (*Pilularia americana*), flowering quillwort (*Triglochin scilloides*), and double-horned downingia (*Downingia bicornuta*).

3.2.4 Ephemeral Drainage

Ephemeral drainages convey stormwater runoff for short periods of time directly after precipitation events, and some deeper scour pools retain water for a somewhat longer duration. The drainages are generally largely unvegetated due to the scouring effects of water, but the deeper scour pools support plant species typical of the seasonal wetlands and vernal pools within the Study Area.

4.0 SURVEY RESULTS

4.1 Big-Scale Balsamroot

Big-scale balsamroot (*Balsamorhiza macrolepis*) is not federally or state listed, but it is classified as a CRPR List 1B.2 plant. It is a perennial herbaceous species that occurs in chaparral, cismontane woodland and valley and foothill grasslands between 150 and 5100 feet (CNPS 2023). Big-scale balsamroot blooms from

March through June and may be found on serpentine soils, though it is known to grow on other soil types as well (CNPS 2023).

The annual brome grassland throughout the Study Area represents marginally suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

4.2 Dwarf Downingia

Dwarf downingia (*Downingia pusilla*) is not federally or state listed, but it is classified as a CRPR List 2B.2 plant. It is a diminutive annual herb that is strongly associated with vernal pools mesic valley and foothill grassland habitats at elevations ranging from five to 1460 feet (CNPS 2023). Dwarf downingia is typically associated with areas that experience a moderate degree of disturbance, and it blooms from March to May.

The vernal pools, seasonal wetlands, seasonal wetland swales, and pools/ponded areas withing ephemeral drainages within the Study Area represent suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

4.3 Boggs Lake Hedge-Hyssop

Boggs Lake hedge-hyssop (*Gratiola heterosepala*) is not federally listed, but it is a California endangered species and a CRPR List 1B.2 plant. Boggs Lake hedge-hyssop grows in vernal pools and around the perimeter of marshes and swamps between 35 and 7,790 feet (CNPS 2023). This small annual herb favors clay soils, and blooms from April to August (CNPS 2023).

The deeper vernal pools and seasonal wetlands within the Study Area represent suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

4.4 Ahart's Dwarf Rush

Ahart's dwarf rush (*Juncus leiospermus* var. *ahartii*) is not federally or state listed, but it is classified as a CRPR List 1B.2 plant. Ahart's dwarf rush grows in mesic valley and foothill grassland habitats between elevations of approximately 100 feet and 750 feet (CNPS 2023). This annual herb blooms from March to May (CNPS 2023).

The vernal pools, seasonal wetlands, and seasonal wetland swales within the Study Area represent marginally suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

4.5 Legenere

Legenere (*Legenere limosa*) is not federally or state listed, but it is classified as a CRPR List 1B.1 species. This annual herb is primarily associated with vernal pools (CNPS 2023). Legenere occurs at elevations between 5 and 2885 feet, and blooms from April to June (CNPS 2023).

The vernal pools and deeper seasonal wetlands within the Study Area represent marginally suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

4.6 Pincushion Navarretia

Pincushion navarretia (*Navarretia myersii* ssp. *myersii*) is not federally or state listed, but it is classified as a CRPR List 1B.1 plant. This species is found in vernal pools, often on acidic micro habitats (CNPS 2023). Pincushion navarretia is found between approximately 65 and 1,085 feet and blooms in April and May (CNPS 2023).

The vernal pools, seasonal wetlands, and seasonal wetland swales within the Study Area represent marginally suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

4.7 Slender Orcutt Grass

Slender Orcutt grass (*Orcuttia tenuis*) is federally listed as threatened, is a California endangered species, and a CRPR List 1B.1 plant. Slender Orcutt grass grows in vernal pools between 115 and 5,775 feet (CNPS 2023). This small annual grass is often found in gravelly microhabitats and blooms from May to September (October) (CNPS 2023).

The deeper vernal pools and seasonal wetlands within the Study Area represent marginally suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

4.8 Sacramento Orcutt Grass

Sacramento Orcutt grass (*Orcuttia viscida*) is federally and state listed as endangered and a CRPR List 1B.1 plant. Sacramento Orcutt grass grows in vernal pools between 100 and 300 feet (CNPS 2023). This small annual grass blooms from April to July (September) (CNPS 2023).

The deeper vernal pools and seasonal wetlands within the Study Area represent marginally suitable habitat for this species. This plant was not found during the 2023 protocol-level plant surveys.

5.0 CONCLUSION

No special-status plant species were observed during the 2023 protocol-level special-status plant surveys of the Sacramento State – Placer Center Study Area. This result is consistent with protocol-level surveys conducted in 2005 by ECORP.

6.0 REFERENCES

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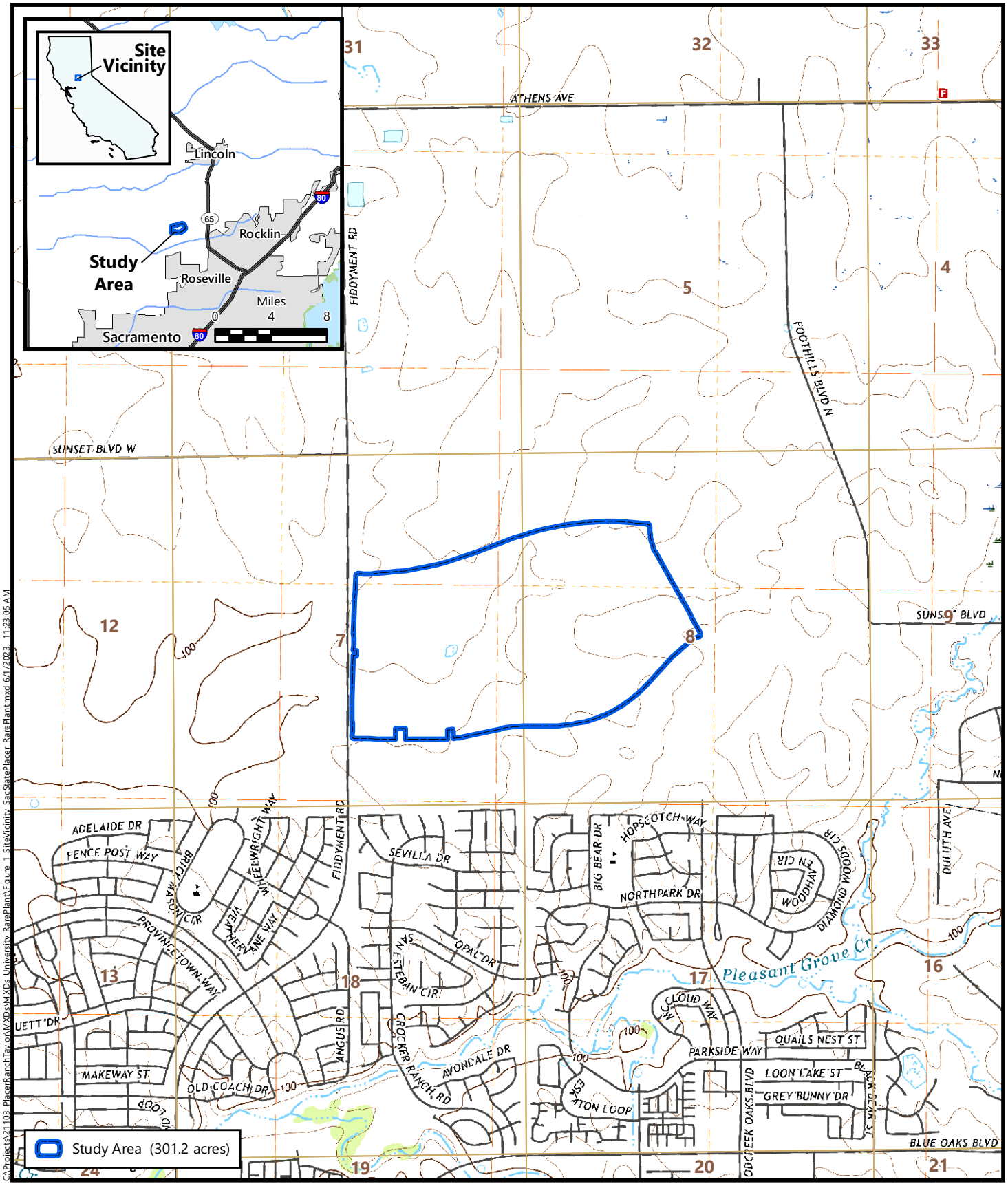
Figures

Figure 1. Vicinity Map

Figure 2. NRCS Soils

Figure 3. Aquatic Resources



N

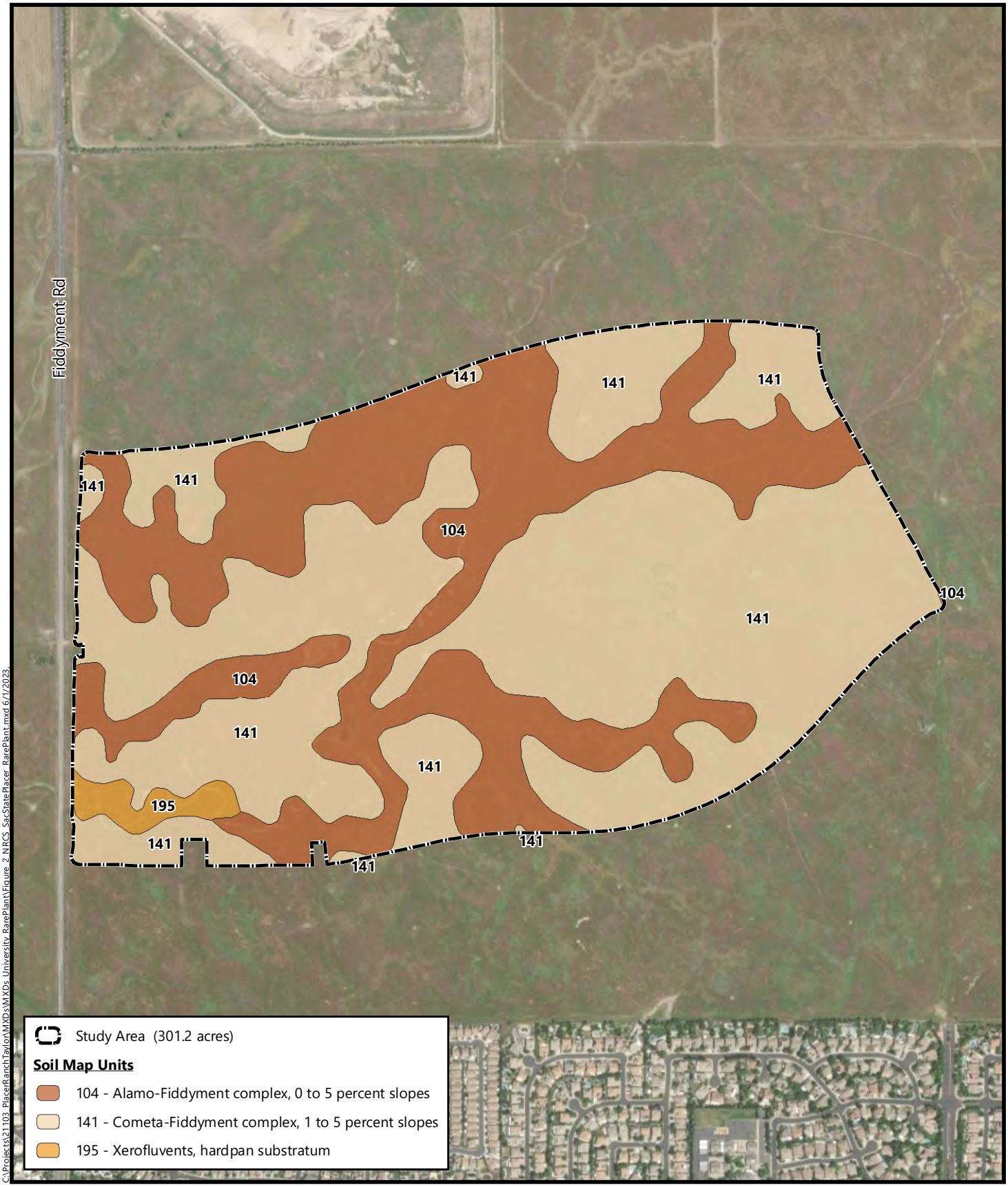
Feet
0 1,000 2,000

Source: United States Geologic Survey, 2021
Sections 7 & 8, Township 11 North, Range 6 East, MDB&M
"Roseville, California" 7.5-Minute Topographic Quadrangle
Longitude -121.340408, Latitude 38.816973

Figure 1
Site and Vicinity

Sacramento State – Placer Center
Placer County, California

MADRONE ECOLOGICAL CONSULTING



N

Feet

0 400 800

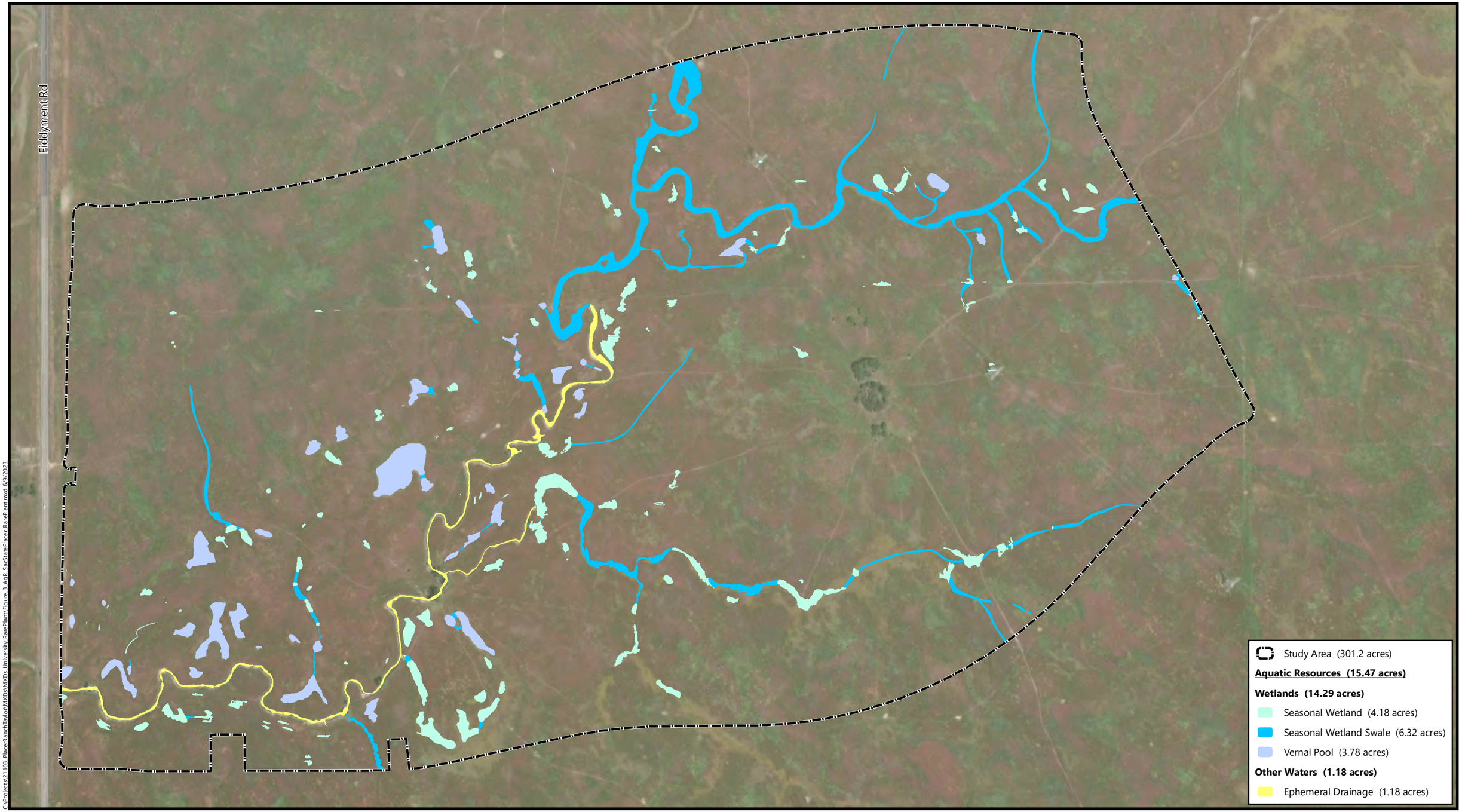
Soil Survey Source: *USDA, Soil Conservation Service Soil Survey Geographic (SSURGO) database for Placer County, California, Western Part.*

Aerial Source: Maxar WV02, 26 April 2022

Figure 2
NRCS Soils

Sacramento State – Placer Center
Placer County, California

MADRONE ECOLOGICAL CONSULTING



C:\Projects\21103_PlacerRanch\Taylor\MXDs\MXDs\University RarePlant\Figure 3 AqR SacState Placer RarePlant.mxd 6/9/2023

N

Feet
0 200 400

*Small summation errors may occur due to rounding.
Aerial Source: Maxar WV02, 26 April 2022

Figure 3
Aquatic Resources

Sacramento State – Placer Center
Placer County, California

MADRONE ECOLOGICAL CONSULTING

Attachments

Attachment A: Botanist Qualifications

Attachment B: Target Plant Species Reference Population Information

Attachment C: Plant Species Observed within the Sacramento State – Placer Center Study Area

Attachment A

Botanist Qualifications

Rare Plant Survey Botanist Qualifications

Daria Snider

Ms. Snider has more than 18 years of experience conducting botanical inventories. As a senior biologist, she specializes in rare plant surveys, wetland delineations, and general biological resource inventories. In addition to rare plant surveys, her botanical experience includes general vegetation surveys, aerial and field vegetation mapping, Certified Arborist tree inventories, CRAM Assessments, floristic monitoring, and invasive species identification and mapping. Ms. Snider's experience includes a wide variety of habitat types, including vernal pools, annual grasslands, oak woodland, riparian communities, coastal sage scrub, chaparral, cismontane and montane forests, and desert. Her geographic expertise covers much of California, from Shasta County in the north to the Mojave Desert and San Gabriel Mountains in the south, and from Sonoma County in the west to the Sierra Nevada foothills and mountains in the east. Her primary focus is on the Sacramento Valley and the adjacent Sierra Nevada foothills.

Attachment B

Target Plant Species
Reference Population Information

Target Plant Species Reference Population Information
for the Sacramento State – Placer Center
Special-Status Plant Survey

Plant Species	Location of Reference Population	Date of Visit	Phenology of Reference Population/ Distinctive Characteristics
Balsamorhiza macrolepis Big-scale balsamroot	Herbarium specimen at UC Davis Center for Plant Diversity Online Jepson Manual and Calflora	23 April 2019 March through May 2023	Pressed specimen. Similar to Wyethia, but with grey, dissected leaves. Leaves are mostly basal (as opposed to Wyethia, which has basal and cauline leaves).
Downingia pusilla Dwarf downingia	Westpark Open Space Preserve (CNDDB #99) Rocklin, west of William Jessup University in Mehrten Formation pools Woodcreek Oaks Open Space Preserve (CNDDB #142)	6 April 2023 13 April 2023 3 May 2023	Pool still more than half full of water, plants submerged. In full bloom on margins of partially inundated vernal pool. Plants still in full bloom
Gratiola heterosepala Boggs Lake hedge-hyssop	Churchill Downs Wetland Preserve (CNDDB Occurrence #35)	28 April 2023	Numerous *Gratiola heterosepala* plants were observed growing in this location this year. On 28 April, many plants were observed in full bloom despite the fact that the pool was still partially inundated.
Juncus leiospermus var. *ahartii* Ahart's dwarf rush	Mather Regional Park (CNDDB Occurrence #8)	2 May 2023	Six plants observed during a quick search. Most were in fruit, but one plant was still in bloom. The long style was readily apparent on the plant in bloom and those in fruit.
Legenere limosa Legenere	Sacramento County (CNDDB Occurrence #27)	28 April 2023	Plants were numerous and large in size. Many were in fruit but many were also observed in flower. This species is readily identifiable in fruit.

Plant Species	Location of Reference Population	Date of Visit	Phenology of Reference Population/ Distinctive Characteristics
Navarretia myersii ssp. *myersii* Pincushion navarretia	Herbarium specimen at UC Davis Center for Plant Diversity Online Jepson Manual and Calflora	23 April 2019 March through May 2023	Pressed specimen. Corollas for this species are quite long (12-21 mm vs 4-10 mm for the similar but more common *Navarretia leucocephala* ssp. *leucocephala*). In addition, the calyx lobes for this species are long-hairy as opposed to the generally glabrous calyx lobes for *N. leucocephala* ssp. *leucocephala*.
Orcuttia tenuis Slender Orcutt grass	Herbarium specimen at UC Davis Center for Plant Diversity Online Jepson Manual and Calflora	23 April 2019 March through May 2023	Pressed specimen. Leaves and leaf sheaths are continuous with no ligule, and lemmas are toothed. Inflorescences are tall and slender in comparison to *Orcuttia viscida*, the only other *Orcuttia* species known to occur in the area.
Orcuttia viscida Sacramento Orcutt grass	Population at Phoenix Park in Sacramento County (CNDDB Occurrence 15)	24 May 2022	Population quite large this year, with plants in many parts of the pool that I have not previously seen them occupy. All were in full bloom and still green.

Attachment C

Plant Species Observed within the Sacramento State – Placer Center Study Area

Plant Species Observed within the Sacramento State – Placer Center Study Area 28 April and 15 May 2023

Family / Species Name	Common Name	Native / Non-Native
AGAVACEAE		
Chlorogalum angustifolium	Narrow-leaved soap plant	Native
ALLIACEAE		
Allium amplectens	Narrow-leaved onion	Native
APIACEAE		
Eryngium castrense	Great valley coyote-thistle	Native
APOCYNACEAE		
Asclepias fascicularis	Narrow-leaf milkweed	Native
ASTERACEAE		
Achyrachaena mollis	Blow wives	Native
Carduus pycnocephalus subsp. pycnocephalus	Italian thistle	Non-Native
Centaurea solstitialis	Yellow star-thistle	Non-Native
Centromadia fitchii	Fitch's spikeweed	Native
Grindelia camporum	Great Valley gumplant	Native
Holocarpha virgata	Narrow tarplant	Native
Hypochaeris glabra	Smooth cat's-ear	Non-Native
Lactuca serriola	Prickly lettuce	Non-Native
Lasthenia fremontii	Fremont's goldfields	Native
Lasthenia glaberrima	Smooth goldfields	Native
Leontodon saxatilis subsp. saxatilis	Hairy cat's ear	Non-Native
Matricaria discoidea	Pineapple weed	Native
Micropus californicus	Q-tips	Native
Psilocarphus brevissimus var. brevissimus	Dwarf woollyheads	Native
Psilocarphus oregonus	Oregon woollyheads	Native
Silybum marianum	Milk thistle	Non-Native
Xanthium strumarium	Cocklebur	Native
BORAGINACEAE		
Amsinckia retrorsa	Rigid fiddleneck	Native
Plagiobothrys bracteatus	Bracted popcornflower	Native
Plagiobothrys fulvus var. campestris	Field popcornflower	Native
Plagiobothrys stipitatus var. micranthus	Slender popcornflower	Native

Plant Species Observed within the Sacramento State – Placer Center Study Area 28 April and 15 May 2023

Family / Species Name	Common Name	Native / Non-Native
BORAGINACEAE (cont.)		
Plagiobothrys undulatus	Wavy-stemmed popcornflower	Native
BRASSICACEAE		
Lepidium nitidum	Shining peppergrass	Native
Raphanus sativus	Radish	Non-Native
CAMPANULACEAE		
Downingia bicornuta	Bristled downingia	Native
Downingia ornatissima	Ornate downingia	Native
CARYOPHYLLACEAE		
Cerastium glomeratum	Sticky mouse-ear chickweed	Non-Native
Silene gallica	Small-flower catchfly	Non-Native
Spergularia rubra	Red sand-spurrey	Non-Native
CONVOLVULACEAE		
Convolvulus arvensis	Bindweed	Non-Native
Cuscuta howelliana	Boggs lake dodder	Native
CRASSULACEAE		
Crassula aquatica	Water pygmyweed	Native
Crassula tillaea	Moss pygmyweed	Non-Native
CYPERACEAE		
Eleocharis acicularis var. acicularis	Needle spikerush	Native
Eleocharis macrostachya	Creeping spikerush	Native
EUPHORBIACEAE		
Croton setiger	Turkey-mullein	Native
FABACEAE		
Lathyrus angulatus	Angled pea vine	Non-Native
Lupinus bicolor	Miniature lupine	Native
Medicago lupulina	Black medick	Non-Native
Trifolium ciliolatum	Foothill clover	Native

Plant Species Observed within the Sacramento State – Placer Center Study Area 28 April and 15 May 2023

Family / Species Name	Common Name	Native / Non-Native
FABACEAE (cont.)		
Trifolium depauperatum var. depauperatum	Dwarf sack clover	Native
Trifolium dubium	Little hop clover	Non-Native
Trifolium glomeratum	Clustered clover	Non-Native
Trifolium hirtum	Rose clover	Non-Native
Trifolium tomentosum	Woolly clover	Non-Native
Trifolium willdenovii	Tomcat clover	Native
Vicia villosa subsp. villosa	Hairy vetch	Non-Native
GENTIANACEAE		
Cicendia quadrangularis	Timwort	Native
GERANIACEAE		
Erodium botrys	Filaree	Non-Native
Geranium dissectum	Cut-leaf geranium	Non-Native
ISOETACEAE		
Isoetes nuttallii	Nuttall's quillwort	Native
Isoetes orcuttii	Orcutt's quillwort	Native
JUNCACEAE		
Juncus bufonius	Toad rush	Native
Juncus tenuis	Slender rush	Native
Juncus xiphioides	Iris-leaved rush	Native
JUNCAGINACEAE		
Triglochin scilloides	Flowering-quillwort	Native
LAMIACEAE		
Pogogyne zizyphoroides	Sacramento beardstyle	Native
LIMNANTHACEAE		
Limnanthes alba subsp. alba	White meadowfoam	Native
LYTHRACEAE		
Lythrum hyssopifolia	Hyssop loosestrife	Non-Native

Plant Species Observed within the Sacramento State – Placer Center Study Area 28 April and 15 May 2023

Family / Species Name	Common Name	Native / Non-Native
MALVACEAE		
Malva nicaeensis	Bull mallow	Non-Native
MARSILEACEAE		
Marsilea vestita subsp. vestita	Hairy water fern	Native
Pilularia americana	Pillwort	Native
MONTIACEAE		
Calandrinia menziesii	Red maids	Native
Claytonia perfoliata subsp. perfoliata	Miner's lettuce	Native
Montia fontana	Water chickweed	Native
MYRSINACEAE		
Lysimachia minima	Chaffweed	Native
ONAGRACEAE		
Clarkia purpurea subsp. purpurea	Purple clarkia	Native
Clarkia purpurea subsp. quadrivulnera	Four-spot	Native
Epilobium brachycarpum	Willowherb	Native
Epilobium campestre	Smooth boisduvalia	Native
Epilobium cleistogamum	Cleistogamous boisduvalia	Native
Epilobium torreyi	Torrey's willowherb	Native
OROBANCHACEAE		
Castilleja attenuata	Valley tassels	Native
PHRYMACEAE		
Diplacus tricolor	Tricolor monkeyflower	Native
PLANTAGINACEAE		
Callitriche marginata	Winged water starwort	Native
Gratiola ebracteata	Bractless hedge-hyssop	Native
Plantago coronopus	Buck's-horn plantain	Non-Native
Plantago lanceolata	English plantain	Non-Native
Veronica peregrina subsp. xalapensis	Purslane speedwell	Native

Plant Species Observed within the Sacramento State – Placer Center Study Area 28 April and 15 May 2023

Family / Species Name	Common Name	Native / Non-Native
POACEAE		
Aira caryophyllea	Silver hair grass	Non-Native
Alopecurus saccatus	Foxtail	Native
Avena barbata	Slender wild oat	Non-Native
Avena fatua	Wild oat	Non-Native
Briza maxima	Rattlesnake grass	Non-Native
Briza minor	Annual quaking grass	Non-Native
Bromus diandrus	Ripgut grass	Non-Native
Bromus hordeaceus	Soft chess	Non-Native
Cynosurus echinatus	Bristly dogtail grass	Non-Native
Deschampsia danthonioides	Annual hair grass	Native
Elymus caput-medusae	Medusa head	Non-Native
Festuca bromoides	Brome fescue	Non-Native
Festuca perennis	Rye grass	Non-Native
Glyceria declinata	Low manna grass	Non-Native
Hordeum marinum subsp. gussoneanum	Mediterranean barley	Non-Native
Hordeum murinum	Wall barley	Non-Native
Phalaris lemmonii	Lemmon's canary grass	Native
Poa annua	Annual blue grass	Non-Native
Polypogon monspeliensis	Annual rabbitfoot grass	Non-Native
POLEMONIACEAE		
Navarretia intertexta	Needle-leaf navarretia	Native
Navarretia leucocephala subsp. leucocephala	White headed navarretia	Native
POLYGONACEAE		
Polygonum aviculare subsp. depressum	Prostrate knotweed	Non-Native
Rumex crispus	Curly dock	Non-Native
Rumex pulcher	Fiddle dock	Non-Native
RANUNCULACEAE		
Delphinium variegatum subsp. variegatum	Royal larkspur	Native
Ranunculus aquatilis var. aquatilis	White water buttercup	Native
Ranunculus bonariensis var. trisepalus	Vernal pool buttercup	Native

Plant Species Observed within the Sacramento State – Placer Center Study Area 28 April and 15 May 2023

Family / Species Name	Common Name	Native / Non-Native
RUBIACEAE		
Galium parisiense	Wall bedstraw	Non-Native
SALICACEAE		
Populus fremontii subsp. fremontii	Fremont cottonwood	Native
SIMAROUBACEAE		
Ailanthus altissima	Tree of heaven	Non-Native
THEMIDACEAE		
Brodiaea appendiculata	Hoover's brodiaea	Native
Brodiaea coronaria	Garland brodiaea	Native
Brodiaea elegans subsp. elegans	Harvest brodiaea	Native
Brodiaea minor	Small brodiaea	Native
Dichelostemma multiflorum	Wild hyacinth	Native
Triteleia hyacinthina	White brodiaea	Native
Triteleia laxa	Ithuriel's spear	Native

Attachment D

Qualified Biologist Resumes

Daria Snider

Ms. Snider has more than 18 years of experience in environmental consulting and specializes in wetland delineations, rare plant surveys/other floristic inventories, and wildlife surveys. Her botanical experience includes general vegetation surveys, aerial and field vegetation mapping, rare plant surveys, Certified Arborist tree inventories, CRAM Assessments, floristic monitoring, and invasive species identification and mapping. Her wildlife survey experience includes San Joaquin kit fox, desert kit fox, valley elderberry longhorn beetle, California tiger salamander, vernal pool branchiopod, burrowing owl, Swainson's hawk, and raptor nest surveys.

SELECTED PROJECT EXPERIENCE

University Vista, Merced County.
Ms. Snider is the floristic lead on this approximately 280-acre project immediately west of the U.C. Merced campus. In that role, she is conducting protocol-level rare plant surveys and CRAM analyses of many of the wetlands within the Project site. Federally-listed target rare plants include succulent owl's clover, Keck's checkerbloom, Colusa grass, San Joaquin Valley Orcutt grass, hairy Orcutt grass, Hartweg's golden sunburst, and Greene's tuctoria.

Cordova Hills and Grantline Pilatus – Sacramento County. Cordova Hills Ownership Group. (2005-Ongoing) Cordova Hills is a 2,500 acre proposed mixed-use development just east of Rancho Cordova in Sacramento County, California. Grantline Pilatus is an 880 acre property to the north of Cordova Hills. Ms. Snider served as the lead biologist for these projects, and in that role, conducted elderberry surveys, rare plant surveys, burrowing owl surveys, a wetland delineation for Grantline Pilatus, and a CRAM assessment on a portion of Cordova Hills. During these field efforts, Ms. Snider located a new population of the federally-endangered Sacramento Orcutt grass.

The Farm at Alamo Creek, Solano County (2016-ongoing).
Ms. Snider is the lead biologist for this 214-acre mixed use development project. In that role, she has conducted the aquatic resources delineation, prepared the Biological Resources Assessment to support preparation of the EIR for the project, conducted the protocol-level plant surveys, protocol-level Valley Elderberry Longhorn Beetle habitat surveys, mapped riparian habitat, and prepared the Nationwide Permit 29 application and the Streambed Alteration Agreement Notification. In addition, she prepared responses to comments on the biological resources section of the Draft EIR, and coordinated additional surveys on the site, including protocol-level burrowing owl and Swainson's hawk surveys.

Cooper Vernal Pool Preserve – Tuolumne and Stanislaus Counties, California. V.A. Rodden, Inc. (2015-2020) Ms. Snider led the annual mitigation success monitoring at this Preserve, in accordance with its Mitigation Plan. This effort included recording every plant species present in each constructed and historic vernal pool and seasonal wetland swale within the Preserve. Multiple visits were conducted each year to ensure that each feature was surveyed during peak bloom. Concurrent with the floristic monitoring, the biologists conducted general preserve monitoring (general habitat function, wildlife, fencing and signage, gates, trash, problematic erosion, thatch, and unauthorized use).

POSITION
Senior Biologist

AREAS OF EXPERTISE
- Wetland Delineations
- Floristic Surveys
- Wildlife Surveys
- Regulatory Permitting

EDUCATION
B.S., *Animal Science*, University of California, Davis, 2001

RELEVANT PERMITS
- ISA Certified Arborist (#WE-8666A)
- CDFW Rare, Threatened, and Endangered Plant Voucher Collecting Permit (#09050)
- USFWS Section 10(a)(1)A permit TE-89994B-0 for vernal pool branchiopods
- CDFW Scientific Collecting Permit for vernal pool branchiopods
- Certified CRAM Practitioner

California High-Speed Train – Statewide. California High Speed Rail Authority (2013-2017). Ms. Snider joined the Regional Consultant team in 2013 to provide general biological resources support for permitting phase one (PP1) of the Merced to Fresno Section of the High-speed Train Project (Project). She was one of the primary authors of the Biological Assessment Addendum for the Lazy K Ranch mitigation components of PP1, provided extensive technical support in revising and finalizing the Lazy K Ranch Long Term Management Plan, assisted in drafting the multi-agency Permittee Responsible Mitigation Plan, and drafted several technical memoranda to support agency consultation for PP1. Subsequently, as a part of the Rail Delivery Partner, she prepared the initial special-status plant and wildlife impact and mitigation estimates for the San Jose to Merced Section of the Project, compiled available resource information on potential mitigation properties for the Fresno to Bakersfield Section, and led field surveys on the unsurveyed 1,840-acre Blasingame Ranch near Fresno, which was considered as a mitigation property. These field surveys included special-status plant surveys, assessment-level vernal pool branchiopod surveys, and surveys for other special-status wildlife species.

Burke Ranch Conservation Bank Monitoring – Solano County, California. Westervelt Ecological Services. (2018) Ms. Snider led the 2018 floristic monitoring and rare plant surveys at Burke Ranch Conservation Bank. The floristic monitoring consisted of relocating pre-established quadrats in the field (corner points provided in GIS format), and re-establishing and monitoring each quadrat in accordance with the techniques described in Barbour et al. (2007) *Classification, Ecological Characterization, and Presence of Listed Plant Taxa of Vernal Pool Associations in California*. Wetland types monitored at Burke Ranch Conservation Bank included traditional vernal pools and seasonal wetlands as well as alkali sinks and alkali playas. In addition, Ms. Snider conducted rare plant surveys within the Conservation Bank, with the goal of monitoring known rare plant populations, and locating and mapping additional populations. Known rare plant species that were monitored included alkali milk vetch (*Astragalus tener*), dwarf downingia (*Downingia pusilla*), hogwallow starfish (*Hesperevax caulescens*), and brittlescale (*Atriplex depressa*). In addition to these known species, Ms. Snider also located and mapped Baker's navarretia (*Navarretia leucocephala* ssp. *bakeri*) and Sylvan's scorzonella (*Microseris sylvatica*). Concurrent with these surveys, Ms. Snider took photographs at pre-established photo points, conducted general Preserve monitoring, and assisted in training Westervelt biologists on floristic monitoring techniques and the unique suite of alkali plant species present at Burke Ranch.

College Park – City of Rocklin, California (Sierra College, 2017 -Ongoing). Ms. Snider is the lead biologist for this 108-acre residential development project adjacent to the Sierra College Campus in Rocklin, California. In this role, she has conducted the wetland delineation and verification, Valley elderberry longhorn beetle habitat surveys, and special-status plant surveys. In addition, she prepared a Biological Resources Assessment to support preparation of the Environmental Impact Report (EIR) for the Project, and assisted the client in responding to comments on the biological section of the Draft EIR.

Tehachapi Regional Transmission Project (Southern California Edison, 2010-2013). Ms. Snider assisted in biological monitoring, preconstruction surveys, and special-status species surveys for the Tehachapi Renewable Transmission Project (TRTP), Segments 4-11 in Los Angeles, Kern, and San Bernardino Counties. The TRTP consists of both new and upgraded substations and a total of 175 miles of transmission line segments in the Antelope Valley, the Sierra Pelona and San Gabriel mountains within the Angeles National Forest (ANF), and through the San Gabriel Valley to the city of Ontario. As a biologist on this project, Ms. Snider conducted vegetation community mapping, protocol-level rare plant surveys, native tree inventories, and invasive plant species mapping on Segments 5, 6, 7, 8, and 11. In addition, she led general pre-construction surveys and protocol-level burrowing owl surveys along Segments 4 and 5, conducted burrowing owl and desert kit fox relocation within the new Whirlwind Substation, and monitored construction and invasive weed removal activities along Segments 6 and 11.

Dustin Brown

Mr. Brown has more than 15 years of experience working as a consultant to both public agencies and the private sector. He has conducted wildlife studies for a variety of terrestrial and aquatic species, including numerous studies involving federally and/or State-listed threatened and endangered wildlife species. Mr. Brown has conducted numerous biological resource investigations, habitat assessments, and jurisdictional wetland delineations for proposed projects. He routinely assesses existing biological resource databases and on-site survey data to evaluate potential impacts to special-status species including federal and/or state listed species, U.S. Forest Service Sensitive species, CNPS listed species, migratory bird species, and regionally sensitive species protected under local ordinances. These assessments often include the development of detailed study plans, developing and implementing literature and field studies, data acquisition, data analysis, impact assessments, mitigation planning, and other environmental documentation.

Mr. Brown has conducted studies and developed permit applications to meet the regulatory requirements of the federal Clean Water Act (Sections 404 and 401), the federal Endangered Species Act (Section 7 and Section 10), the California State Endangered Species Act (2050-2068, 2081), and the California Fish and Game Code Section 1602 governing activities that may affect fish and wildlife habitats associated with streams and lakes. He has developed several Biological Assessments per the USFWS and NOAA/NMFS guidelines and has worked on a variety of CEQA and NEPA documents including numerous NegDEC's, EIR's, EIS's, and EA's.

SELECTED PROJECT EXPERIENCE

Sonoma-Marin Area Rail Transit (SMART) – Initial Operating Segments 1 North, 1 South, and 2: Santa Rosa to San Rafael Project, Sonoma and Marin Counties (2012-2015). Served as lead project biologist and lead biological monitor. Duties included conducting and coordinating species specific habitat assessments and surveys for burrowing owl, California clapper rail, California black rail, rare plants, California red-legged frog, California tiger salamander, salt marsh harvest mouse, nesting birds, roosting bats, and fish, and attending project meetings. Mr. Brown also drafted biological assessments for approximately 25-miles of the project. As lead biological monitor Mr. Brown oversaw approximately 15 biological monitors throughout the construction. Duties included scheduling monitors, coordination and communication with the contractor, agencies, and SMART, and conducting preconstruction species surveys and demarcating wetlands and fencing locations. Mr. Brown also conducted weekly worker environmental awareness training including biological and cultural resource training. Mr. Brown also oversaw bat habitat assessment surveys, bat evening emergence surveys, and two-step tree removal for trees containing potential bat roosts.

Barcelona Infill Project, Tracy, San Joaquin County – Terravest Capital Partners (2015-2016). Under an on-call contract with the San Joaquin Council of Governments (SJCOG), Mr. Brown provided biological support services necessary to implement the San Joaquin Multi-Species Habitat Conservation and Open Space Plan (SJMSHCP).

POSITION

Senior Biologist/ Regulatory Specialist

AREAS OF EXPERTISE

- Wildlife Surveys
- Aquatic Resource Delineations
- Regulatory Permitting

EDUCATION

B.S., *Biological Sciences*, The Master's College

PERMITS

- USFWS Section 10(a)(1)A permit TE-85084C-0 for vernal pool branchiopods, giant garter snake, California tiger salamander, and California red-legged frog
- CDFW SCP (#6845) with MOUs for California tiger salamander and giant garter snake

Mr. Brown conducted pre-construction Burrowing Owl surveys and implement the passive relocation measures as stipulated in the SJMSHCP for the Barcelona Infill Project in the City of Tracy. Mr. Brown served as owl biologist. Assisted in the preparation of a burrowing owl exclusion plan for an approximately 10-acre site with known occurrences of burrowing owls. Conducted burrowing owl exclusion. This included installing one-way doors on all burrows that provided potential habitat for burrowing owls, monitoring the site for 48 hours, and removing the doors and excavating the small mammal burrows. A total of four Burrowing Owls were successfully passively relocated.

Bickford Ranch Specific Plan, Placer County. From 2006 through 2009 Mr. Brown served as wildlife biologist for this 1,927.9-acre Bickford Ranch Specific Plan. This master planned community with residential, parks, public facilities, and over 800-acres of open space is located within unincorporated western Placer County. Mr. Brown conducted extensive nesting bird surveys, bat habitat assessments, and bat population monitoring. Mr. Brown utilized Anabat acoustic monitors yearly to monitor an existing population of Townsend's big-eared bat.

In 2016 and 2017 Mr. Brown managed several regulatory tasks including amending the existing USACE 404 permit, CDFW Section 1602 Streambed Alteration Agreement application, finalizing the Bickford Ranch Open Space Operations and Management Plan, aquatic resources delineations, special-status plant species surveys, arborist tree inventories, nesting bird and roosting bat preconstruction surveys.

California Department of Transportation U.S. State Route 12 Shoulder Widening Project (Liberty Island/Azevedo Road), Solano County – California Department of Transportation (Caltrans) District 4 (2014-2015). Lead construction compliance monitor for the project. Conducted pre-construction surveys for CTS and nesting birds. Monitored installation of CTS exclusion fencing and removal of eucalyptus and pine trees within the project area. Scheduled biological monitors for approximately 180 monitoring days, and wrote the post-construction compliance report for the project.

City of West Sacramento - Rice Mill Pier Rehabilitation Project, Yolo County (2016-2017). Served as project manager for permit compliance for this pier rehabilitation project in the City of West Sacramento. Oversaw the implementation of preconstruction biological surveys for western pond turtle, roosting bats, and nesting birds, cultural and biological resources worker awareness training, and sediment control plan for the project. Also worked as agency liaison between the City and State and Federal agencies.

Foster Farms Hollister Turkey Complex, San Benito. Served as Biological Monitor for this large poultry farm project in the hills south of Hollister. Species present included California tiger salamander, California red-legged frog, western pond turtle, foothill yellow-legged frog, silvery legless lizard, and California condor. Construction activities included large-scale earth movement in the creation of detention basins, levee berms, and drainage culverts.

I-5 North Stockton Corridor Improvement Project, San Joaquin County (2011-2012). Served as U.S. Fish and Wildlife Service-Authorized Biologist for giant gartersnake, western pond turtle, bat species, and special status birds, fish and plants on this high profile, multi-year road widening in Stockton, California.

Natomas North Precinct, Sacramento County. Mr. Brown served as lead biologist and task manager for this approximately 5,670-acre specific plan in northern Sacramento County. Mr. Brown worked directly with the participating land owners group and led biological and regulatory tasks such as jurisdictional aquatic resources delineations and verifications, protocol-level wet-season and dry-season vernal pool branchiopod surveys, special-status plant surveys, Swainson's hawk surveys, and giant garter snake surveys. Other tasks included attending regular project meetings, participating in habitat modelling for giant garter snake and Swainson's hawk, and CEQA-ready Biological Resources Assessment reports.

North Vineyard Station/Gerber Creek, Sacramento County (2015-2016). Mr. Brown served as biological monitor for the development project near Gerber Creek in Sacramento County. Duties included pre-construction surveys for nesting birds and giant gartersnake, worker environmental awareness training, construction monitoring, and snake relocation during work near and within the creek.

Pacific Gas and Electric (PG&E) – Sherman Island SP4Z Cutoff Project (97000509), Sacramento County California (2013). Served as Biological Monitor on this gas pipeline project. Conducted worker environmental awareness training and construction biological monitoring for giant garter snake and wrote post-construction compliance reports for this project.

Plog and Ennes Mitigation Properties, Contra Costa County, California (2017-2019). Mr. Brown served as project manager and lead biologist for these approximately 956-acre Permittee-responsible mitigation properties southwest of the City of Antioch. Mr. Brown oversaw the completion of the aquatic resource delineation, federally-listed vernal pool branchiopod surveys, and protocol-level California tiger salamander (*Ambystoma californiense*) and California red-legged frog (*Rana draytonii*) surveys. Documented five new California red-legged frog populations and four new California tiger salamander populations within the properties.

Rancho Murieta Home Owners Association – Riverview Residential Development Project, Rancho Murieta, Sacramento County. Served as permitted biologist in design of protocol-level California tiger salamander drift fence trapping array for this development project. Responsible for opening and checking the pit-fall traps and conducted maintenance on the drift fences. This survey was conducted around a potential breeding pond within the site that is slated for residential development. Approximately, 750 ft of fence was monitored during the 28 days of surveying conducted during the 2009-2010 wet season.

Sacramento Municipal Utility District (SMUD) – Franklin Bulk Substation, Sacramento County (2014-2015). Mr. Brown served as lead project biologist for the SMUD Franklin bulk substation. Duties included conducting wetland delineations for the substation site and approximately 8 miles of associated transmission line along Franklin Boulevard in southern Sacramento County. Mr. Brown also conducted a special status species habitat assessment in support of CEQA and Corps permitting for the project. Species considered in the habitat assessment included giant garter snake, vernal pool large branchiopods, burrowing owl, Swainson's hawk, and rare plants.

Sacramento Municipal Utility District (SMUD) – Arroyo Seco Power Line Project, Sacramento County (2014). Served as Service and CDFW approved California tiger salamander biologist for this 2-mile-long project that consisted of installing 1.2 miles of new overhead and underground power line to power a new cellular tower near the town of Herald. Duties included monitoring and inspecting the installation of California tiger salamander exclusion fencing, conduct worker environmental awareness training, and conducting nesting bird surveys.

Sacramento Municipal Utility District (SMUD) – Rancho Seco Nuclear Site Building Demolition Project (2015). Mr. Brown served as lead biologist for this project. Duties included conducting bat habitat assessments and nesting bird surveys three times per week during the nesting bird season at four buildings that were scheduled for demolition. Several active bird nests were monitored during the project including great horned owl, western kingbird, cliff swallow, northern rough-winged swallow, house finch, house sparrow, and European starling.

McCune Creek Stormwater Outfall Project (Southwest Dixon Specific Plan), Solano County (2017-present). Mr. Brown served as lead biologist for this approximately 25-acre stormwater pipeline and outfall related to the Southwest Dixon Specific Plan for the City of Dixon. Tasks included conducting aquatic resource delineations, elderberry shrub surveys, habitat assessments for bats, burrowing owl surveys, Swainson's hawk surveys, and CDFW streambed alteration agreement application. Mr. Brown identified an active Mexican freetail bat maternity colony near a proposed stormwater outfall and is working on a mitigation plan for protecting the roost during the proposed construction.

Tehachapi Renewable Transmission Project (Southern California Edison), Segments 1, 3a, 4, 5, 6, 8, 9, 10, and 11, Los Angeles, Kern, and Orange Counties. Conducted pre-construction burrowing owl, kit fox, American badger, desert tortoise, rare plant, nesting birds, and arborist surveys. Conducted approximately 75 miles of burrowing owl surveys, documenting 100's of potential and active burrowing owl burrows. Conducted environmental and biological monitoring along approximately 250 miles of 220 kilovolt and 500 kilovolt transmission line upgrades and new substations between the Tehachapi Wind Resource Area in southern Kern County and several communities in Los Angeles County. (2008 through 2012)

The Ranch in Antioch – Richland Communities, City of Antioch, Contra Costa County. Mr. Brown served as project manager and lead biologist for this ±550-acre master planned community within the City of Antioch. Duties included overseeing the development of technical documents including the Biological Resources Assessment, Cultural Resources Evaluation Report, and USACE Jurisdictional Determinations and wetland delineation reports. Regulatory permitting tasks also included 404 and 401 permitting, CDFW 1602 Streambed Alteration Agreement, USFWS Section 7 Consultation and CDFW 2018 ITP for California tiger salamander, California red-legged frog, Alameda whipsnake, San Joaquin Kitfox, and federally-listed vernal pool branchiopods.

West Sacramento Area Levee Improvements Program – CHP Academy Early Implementation Project, Sacramento. U.S. Fish and Wildlife Service-Authorized Biologist for giant gartersnake as required by Endangered Species Act and California Environmental Quality Act (CEQA) on the rebuild of a major levee in Sacramento. (sub to ICF International and Teichart, 2011)

SPECIAL TRAINING AND WORKSHOPS

- **December 2018 – Conserving California's Bats Through Environmental Review and Permitting – CDFW Conservation Lecture –** Attended this lecture by bat biologist Greg Tatarian which provided basic, critical information on bat biology and roosting ecology needed to understand appropriate and effective take avoidance and habitat mitigation measures. The Lecture was conducted to help better understand how to utilize the Lake and Streambed Alteration Program and CEQA processes for bat conservation, and to recognize and avoid potential problems. Participants were given clear, effective, practical, field-proven strategies based on roosting ecology and bat behavior for take avoidance and impact minimization in buildings, bridges, culverts, and trees.
- **August 2018 – USFWS Identification Test for all Vernal Pool Branchiopods Native to California.** Took and passed the test administered by the USFWS which requires you to identify all species of anostraca and nostraca (large vernal pool branchiopods) native to California.
- **March 2018 – Recent Advances in Effective Bat Mitigation in California – CDFW Conservation Lecture –** Attended this lecture by bat biologist Dr. Dave Johnston which provided an overview of bat mitigation in California including assessing habitat for bats, determining various types of potential impacts, and mitigating for impacts from mining, tree removal, bridge work, and roof replacement. Dr. Johnston also presented various steps for effective mitigation strategies and how knowing the natural history of a species is critical for mitigation success. Other topics discussed included potential impacts to bats from noise and light pollution and appropriate mitigation.
- **February 2018 – Foothill Yellow-legged Frog: Genetics, Ecology, and Consumer Resource Interaction – CDFW Conservation Lecture –** Attended this lecture by FYLF biologists Ryan Peek and Dr. Sarah Kupferberg regarding long-term monitoring and population projection modeling which indicate that recruitment bottlenecks occur when early life stages have high mortality rates due either to natural or anthropogenic causes. Techniques regarding head-starting of tadpoles, along with avoidance and

mitigation measures to decrease loss of early life-stages are under development and will be discussed as approaches to conserve this species.

- **May 2015 – Invasive Bullfrog Eradication Techniques Training, St. Helena, California –** This one-day training was conducted by permitted biologist Jeff Alvarez of The Wildlife Project. The training was focused on the use of high-powered air rifles with non-lead ammunition as a method to eradicate and manage invasive populations of bullfrogs in areas where the native California red-legged frog and foothill yellow-legged frogs occur. Emphasis was placed on identifying each frog prior to shooting to ensure no take of native species. Firearm safety was also discussed.
- **March 2015 – Bat acoustic monitoring (Wildlife Acoustics) training with Jeff Alvarez, Sacramento County, California.** Mr. Brown was trained on the use and operation of Wildlife Acoustics bat acoustic monitoring equipment including Song Meter, Echo Meter, and Kaleidoscope Pro software.
- **January 14-15, 2015 – Bald and Golden Eagles in California and Nevada Workshop, Sacramento, California.** This two-day workshop hosted by The Wildlife Society, USFWS, and CDFW covered bald and golden eagles in California and Nevada. The workshop focused on natural history, impacts, regulatory protections, and permitting requirements. The workshop took place in a classroom setting and included presentations, panel discussions, and an afternoon discussion of the new USFWS regulations and how to navigate the permitting process and a discussion of eagle conservation plans.
- **October 30, 2013 – Giant Garter Snake Training Webinar.** Attended a live webinar presented by Dr. Brain Halstead. Participants were informed about aspects of giant garter snake life history in relation to conservation concerns and decision impacts.
- **May 2014 – Two-step tree removal and bat habitat assessment training by bat biologist Greg Tatarian, Marin County, California.** Mr. Brown worked directly with bat biologist Greg Tatarian to conduct habitat assessments for bats for an approximately 25-mile long rail project in Marin and Sonoma Counties. Included in the project was training on how to conduct/oversee two-step tree removal to avoid killing or injuring bats.
- **June 2013 – California Clapper Rail, California Black Rail and Salt Marsh Harvest Mouse Workshop, Martinez, California.** This two-day training was conducted by Jeff Alvarez of The Wildlife Project. The workshop consisted of field discussion and training on the ecology, habitat, and appearance of the three salt marsh species. During the training, Mr. Alvarez explained how to differentiate the salt marsh harvest mouse from other species of mice; additionally, he discussed methods to identify all rail species. Participants were trained on how to properly use and set arrays of Sherman live rodent traps, conducted passive rail surveys. Participants also observed rails in their natural habitat.
- **March 2013 – Rare Pond Species Survey Techniques Workshop, Santa Rosa, California.** Presented by the Laguna de Santa Rosa Foundation and taught by Dave Cook and Jeff Alvarez. The workshop consisted of species identification, ecology, and survey technique information for California red-legged frog, California tiger salamander and western pond turtle. The in-class portion was followed by field surveys for California red-legged frog, California tiger salamander, and field observations of western pond turtle.
- **February 2011 – Giant Garter Snake Workshop, UC Davis, California.** This multi-day workshop was presented by The Wildlife Society Sacramento – Shasta Chapter and included natural history, current studies, and current identification and survey techniques for giant garter snake.
- **April 2010 – California Native Plant Society Vernal Pool Plant Taxonomy Training, UC Davis, California.** This three-day course taught by Carol Witham contained 1.5 days of classroom and lab sessions covering the taxonomy and identification of common and rare plants found in vernal pools within northern

and central California. The class also included 1.5 days of field trips to Jepson Prairie, Howard Ranch, and Mather Core vernal pools to identify common and rare vernal pool plant species.

- **October 2008 – The Desert Tortoise Handling Workshop, Ridgecrest, California.** Presented by the Desert Tortoise Council.
- **June 2007 – Biology and Management of the California Tiger Salamander Workshop, Livermore, California.** Presented by Pete Trenham and the Alameda County Conservation Partnership.
- **June 2006 – California Red-Legged Frog Workshop, Livermore, California.** Presented by Galen Rathbun and Norman Scott and the Alameda County Conservation Partnership.
- **April 2006 – California Tiger Salamander Larval Survey Techniques Workshop, Rohnert Park, California.** Presented by Dave Cook and the Laguna de Santa Rosa Foundation.

PUBLICATIONS AND LITERATURE

Brown, D. 2000. The *Nerodia rhombifera* problem. Unpublished report to California Department of Fish and Game. 40 pp.

Stitt, E. W., D. Brown, and P. S. Balfour. 2004. Red-eared Slider (*Trachemys scripta elegans*): Distribution. Herpetological Review 35: 187.

Balfour, P. S., D. Brown, E. W. Stitt, K. Grinsell, and A K Buchanan 2007. *Nerodia sipedon* (Northern Watersnake), USA: California. Herpetological Review 38(4), 2007. p. 489.

BONNIE PETERSON

Ms. Peterson is a biologist and wetland/water quality regulatory specialist with experience conducting biological surveys and analyzing impacts for a broad range of projects throughout California.

With a focus on aquatic and terrestrial habitat mitigation projects, she has prepared and implemented mitigation strategies for permittee-responsible mitigation, as well as supported privately and publicly managed mitigation banks and open space preserves throughout Northern California. She has monitored restoration and reference wetlands within conservation areas and mitigation banks, prepared annual reports consistent with Mitigation Monitoring Plans and Open Space Monitoring Plans that she has prepared.

In support of state and federal regulatory compliance, she conducts a range of field data analysis which include wetland delineations; environmental awareness training; FERC required electro-fishing; surveys and habitat assessments for burrowing owl; California red-legged frog, Foothill yellow-legged frog, giant garter snake, Swainson's hawk, western pond turtle, listed vernal pool branchiopods, and other special-status species; riparian and oak tree monitoring; and rare plant surveys.

She is an active member of the Wildlife Society, a professional development organization for Wildlife Professionals. She has served on the Western Section and Sac-Shasta Chapter Board of Directors, and is currently the Vice President of the Sac-Shasta Chapter.

POSITION

Senior Biologist

AREAS OF EXPERTISE

- Special Status Species Surveys
- Mitigation and Compliance
- Clean Water Act Permitting

EDUCATION

- B.S., Conservation Biology, California State University, Sacramento

RELEVANT TRAINING

- CDFW Scientific Collecting Permit (S-210290013-21029-001)
- CDFW Threatened & Rare Plant Collection Permit
- USFWS Threatened & Endangered Species Permit for federally

SELECTED PROJECT EXPERIENCE

Monte Vista Memorial Gardens,
Biologist/Regulatory Specialist, Alameda County
Assisted the permitted biologist (Dustin Brown) with protocol level aquatic larvae sampling for California tiger salamander using the *Interim Guidance on Site Assessment and Field Surveys for Determining Presence or a Negative Finding of the California Tiger Salamander* (USFWS and CDFW 2003).

Foxboro Knoll Project, City of Vacaville, Solano County.
Conducted general construction monitoring and conducted approved burrowing owl surveys and exclusion at a residential development site in Solano County.

Elsie Gridley Mitigation Bank, Solano County. Assisted the permitted biologist (Dustin Brown) in conducting California tiger salamander surveys at this large mitigation bank in Solano County in 2020. Conducted extensive seine and dip net surveys for CTS larvae within the mitigation bank as part of the long term management.

Sacramento Municipal Utility District (SMUD) – Nature Preserve Mitigation Bank, Sacramento County. Assisted the permitted biologist (Becky Rozumowicz) with assessment level California tiger salamander surveys as a component of the long term habitat monitoring of the mitigation bank.

Riolo Vineyard Swainson's Hawk Monitoring, Placer County.
Conducted pre-construction nesting surveys for Swainson's hawk, coordinated buffer approval with the California Department of Fish and Wildlife, and conducted nest monitoring throughout construction.

listed Branchiopods (Permit TE205600-1)
- CPESC, CPESC Inc, Envirocert International (Cert# 6193)
- QSP/QSD ,CASQA & California Construction General Permit Training Team (Cert# 00294)
- Vernal Pool Taxonomy, CNPS Plant Sciences Training Program
- Basic Wetland Delineation Course, Wetland Training Institute
- California Rapid Assessment Method (CRAM)
- Rare pond species workshop
- San Joaquin Kit Fox Workshop

Cardoso II, Sacramento County
Ms. Peterson prepared the South Sacramento Habitat Conservation Plan (SSHCP) permit application, conducted required pre-construction surveys and implemented Avoidance and Minimization Measures. Surveys included burrowing owl; Swainson's hawk, western pond turtle, tri-colored blackbird, sandhill crane and rare plant surveys.

Foxboro Knoll Project, City of Vacaville, Solano County.
Conducted approved burrowing owl surveys and exclusion at a residential development site in Solano County.

Placer Vineyards Specific Plan, Placer County,
Ms. Peterson conducted protocol level burrowing owl surveys on several properties within the Placer Vineyards Specific Plan, including Placer Vineyards 4B (134 acres), and Placer Vineyards 7 (368 acres), and implemented the authorized exclusion and burrow closure plan. Additionally she conducted late season special-status plant surveys for several properties within the Placer Vineyards Specific Plan, including Placer Vineyards 4B (134 acres), Placer Vineyards 7 (368 acres), and Placer Vineyards 12B (120 acres). Each of these properties are comprised of vernal pool grassland in western Placer County.

Sierra Vista Specific Plan, Placer County,
Ms. Peterson conducted burrowing owl surveys of several properties within the Sierra Vista Specific Plan area, including Baseline Marketplace, Tentative Map 1, and large portions of Federico Westpark.

California High-Speed Train, California High Speed Rail Authority, Statewide
Assisted with surveys on the previously unsurveyed 1,840-acre Blasingame Ranch, which was considered as a mitigation property. These field surveys included special-status plant surveys, assessment-level vernal pool branchiopod surveys, and surveys for other special-status wildlife species.

Meridian Ranch Mitigation Bank Floristic Monitoring, Butte County
Ms. Peterson conducted general preserve and focused floristic monitoring at the Meridian Ranch Mitigation Bank, which provides Swainson's hawk and vernal pool credits, for Westervelt Ecological Services. This effort included recording relative and absolute cover of every plant species present in each vegetation community in all monitored pools, as well as general ecological function and species usage of habitats.

Burke Ranch Conservation Bank Monitoring, Solano County
Ms. Peterson conducted floristic monitoring and rare plant surveys at Burke Ranch Conservation Bank. The floristic monitoring consisted of relocating pre-established quadrats in the field (corner points provided in GIS format), and re-establishing and monitoring each quadrat in accordance with the techniques described in Barbour et al. (2007) *Classification, Ecological Characterization, and Presence of Listed Plant Taxa of Vernal Pool Associations in California*. Wetland types monitored at Burke Ranch Conservation Bank included traditional vernal pools and seasonal wetlands as well as alkali sinks and alkali playas. In addition, Ms. Peterson conducted rare plant surveys within the Conservation Bank, with the goal of monitoring known rare plant populations, and locating and mapping additional populations. Known rare plant species that were monitored included alkali milk vetch (*Astragalus tener*), dwarf downingia (*Downingia pusilla*), hogwallow starfish (*Hesperevax caulescens*), and brittlescale (*Atriplex depressa*). In addition to these known species, Ms. Snider also located and mapped Baker's navarretia (*Navarretia leucocephala* ssp. *bakeri*) and Sylvan's scorzonella (*Microseris sylvatica*). Concurrent with these surveys, Ms. Peterson took photographs at pre-established photo

points, conducted general Preserve monitoring, and assisted in training Westervelt biologists on floristic monitoring techniques and the unique suite of alkali plant species present at Burke Ranch.

Gill Ranch Gas Storage, Gas Pipeline, and Electric Transmission Line Project, Gill Ranch Storage, LLC and PG&E, Madera and Fresno Counties
Ms. Peterson conducted preconstruction reconnaissance and habitat assessments for special-status species along a 26 mile gas pipeline and surrounding areas in the Central Valley. She identified and delineated sensitive wildlife and habitat areas in the project area, performed protocol-level surveys for special-status species with potential to occur in the project area, including VELB, vernal pool fairy shrimp, burrowing owl, Swainson's hawk, San Joaquin kit fox, and nesting migratory birds. She also assisted with the presentation and implementation of the worker environmental training program and compliance monitoring.

Richard J. Donovan Correctional Facility Department of Corrections and Rehabilitation, San Diego County
Conducted Burrowing Owl habitat assessment, surveys, and ultimately burrow exclusion. Implemented the mitigation monitoring and reporting program (MMRP) for the construction and operation of a 1,594-bed correctional facility adjacent to CDCR's Richard J. Donovan Correctional Facility in San Diego County. Ms. Peterson conducted pre-construction surveys, including burrowing owl exclusion, and is currently providing oversight over the MMRP, including coordination with the construction management team, oversight of stormwater pollution prevention plan implementation, and ensuring that construction is conducted in accordance with all EIR mitigation measures and regulatory permits.

Chuckwalla Valley State Prison, California Department of Corrections and Rehabilitation, Riverside County
As the approved biologist Ms. Peterson conducted rare plant surveys, habitat assessments, and ordinary high water mark assessments for the Chuckawalla Valley State Prison facility repairs and produced biological survey reports to support the CEQA Notice of Exemption.

Laguna Creek Mitigation Bank, Conservation Resources, LLC, Sacramento County
Ms. Peterson located and surveyed all associated native and elderberry mitigation plantings for survival rate, size class, and overall health. All elderberry shrubs were monitored for the presence of VELB, and additional stem count data was taken. She collected and organized the data for and prepared the annual monitoring report.

Biological Staff Augmentation, Pacific Gas and Electric Company (PG&E) Electric Transmission Wood Pole Replacement Project, Central and Northern California
Ms. Peterson served as part of a PG&E biological staff augmentation program for wood pole replacement projects throughout northern and central California. Conducted environmental constraints surveys to identify sensitive plant and wildlife species and potential habitat, performed nesting bird surveys, provides biological monitoring, recommended impact avoidance and minimization measures, and completed technical reports. Sensitive habitats such as vernal pools and wetlands and potential jurisdictional water permitting requirements were also addressed. Developed environmental awareness brochures and provided environmental tailboard training to construction crews. Special-status species included California red-legged frog, Foothill yellow-legged frog, giant garter snake, Swainson's hawk, western pond turtle, marbled murrelet, and VELB.

Big Creek Hydropower Complex, Southern California Edison (SCE), Central California

Ms. Peterson provided support for the SCE project complex in the South Fork San Joaquin River Basin. Characterized plant communities and conducted botanical surveys for special-status plants, noxious weeds, and Native American Plants of Cultural Concern. Prepared wetland delineation reports and permit applications for rehabilitation and reconstruction projects. Surveys performed in high elevation mixed conifer, riparian, wetland, woodland, and chaparral communities. Prepared and obtained NPDES, §404, §401 and §1600 permits for project related activities.

Matt Shaffer

Mr. Shaffer has over four years of experience in environmental consulting. He has conducted a variety of surveys and prepared the associated technical reports, including habitat assessments, wetland delineations, rare plant surveys/other floristic inventories, various special-status wildlife surveys, and preserve/mitigation monitoring. Mr. Shaffer's botanical experience includes general vegetation surveys, aerial and field vegetation mapping, special-status plant surveys, tree inventories, floristic monitoring, and invasive species identification and mapping. His wildlife survey experience includes California tiger salamander, vernal pool branchiopods, valley elderberry longhorn beetle, burrowing owl, Swainson's hawk and other nesting raptors, and nesting bird surveys. Mr. Shaffer has also prepared a variety of regulatory permitting applications, including permitting for compliance with the federal Clean Water Act Sections 401 and 404, and California Fish and Game Code 1602.

POSITION

Biologist

AREAS OF EXPERTISE

- Habitat Assessments
- Wetland Delineations
- Floristic Surveys
- Wildlife Surveys
- Preserve/Mitigation Monitoring

EDUCATION

B.S., *Ecology and Evolution*, University of California, Santa Barbara, 2017

PERMITS

- CDFW Plant Voucher Collecting Permit (2081(a)-18-100-V)

RELEVANT TRAINING

- Aquatic Resources Delineation field training (Wetland Training Institute, Inc.)

SELECTED PROJECT EXPERIENCE

Elsie Gridley Mitigation Bank Project – Solano County, California. Elsie Gridley Mitigation Bank (2019-ongoing). Mr. Shaffer conducted protocol-level sampling surveys and including California tiger salamander habitat surveys at the mitigation bank. During these surveys he mapped potential aquatic resources, interpreted the various habitat types present, and noted the wildlife and plant species present on-site.

West Davis Active Adult Project – City of Davis, Yolo County, California. Taormino & Associates (2018-ongoing). Mr. Shaffer conducted an initial biological resources survey of the 87-acre property and preformed an aquatic resources delineation. During these surveys he mapped potential aquatic resources, interpreted the various habitat types present, and noted the wildlife and plant species present on-site. Mr. Shaffer mapped several elderberry shrubs (*Sambucus sp*.), the sole host plant for the federally threatened Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*, VELB); in addition, he also found a previously unrecorded population of San Joaquin spearscale (*Extriplex joaquinana*), a California Rare Plant Rank (CRPR) List 1B.2 plant.

Placer Vineyards Specific Plan – Placer County, California. Placer Vineyards Ownership Group (2018-ongoing) Mr. Shaffer conducted special-status plant surveys on several properties within the Placer Vineyards Specific Plan, located in western Placer County, including Placer Vineyards 4B (134 acres), Placer Vineyards 7 (368 acres), and Placer Vineyards 12B (120 acres). Each of these properties are comprised of vernal pool grassland. In addition to these surveys, Mr. Shaffer Conducted burrowing owl (*Athene cunicularia*) surveys and subsequent burrow excavation and exclusion for Placer Vineyards 4B and Placer Vineyards 7. He also conducted an aquatic resources delineation for the Placer Vineyards 22 property (23 acres), which is comprised of a ranch and associated pasture land. Mr. Shaffer has conducted photo-point documentation for a number of areas within the Placer Vineyards Specific Plan.

Sierra Vista Specific Plan – Placer County, California. Various clients (2018-ongoing) Mr. Shaffer has conducted biological surveys on several properties within the Sierra Vista Specific Plan area, located in western Placer County, including Villages at Sierra Vista (283 acres), D.F. Properties (160 acres), and Westbrook Lennar (401 acres). Specifically, he has conducted burrowing owl surveys for Westbrook Lennar and nesting bird surveys for Villages at Sierra Vista. He has also performed construction monitoring, worker environmental awareness training, and wetland pin flagging for Westbrook Lennar and Villages at Sierra Vista. Mr. Shaffer conducted weekly hydrological monitoring of constructed and reference wetlands being utilized for mitigation by Villages at Sierra Vista and D.F. Properties during the 2018-2019 winter. Furthermore, Mr. Shaffer conducted open space monitoring of the Westbrook preserve (34 acres), which was focused on floristic monitoring of preserve wetlands and photo point documentation. In addition, general monitoring was conducted, which included inspections of erosion and sedimentation, thatch accumulation, invasive plant species, wildlife, fencing and signage, trash accumulation, and unauthorized activities within the preserve.

The Farm at Alamo Creek Project – City of Vacaville, Solano County, California. D.R. Stephens & Company (2018-ongoing) The Farm at Alamo Creek is a 216-acre master planned community located approximately 4 miles east of downtown Vacaville, in Solano County, California. The site currently consists of agricultural cropland being utilized to grow alfalfa, and is partially bisected by Old Alamo Creek along the southern portion of the property. Mr. Shaffer has conducted multiple, ongoing surveys for both nesting Swainson's hawk (*Buteo swainsoni*) and burrowing owl within and around the project area. In addition, Mr. Shaffer has also mapped riparian vegetation within several areas of potential impact along Old Alamo Creek, as well as flagged elderberry shrubs on-site to ensure avoidance of VELB.

Cordova Hills Project – Sacramento County, California. Cordova Hills, LLC. (2018-ongoing) Cordova Hills is a roughly 2,500 acre proposed mixed-use development just east of Rancho Cordova in Sacramento County, California. The Project also includes several on and off-site preserves within the vicinity of the main site. Mr. Shaffer has assisted in conducting a special-status plant survey for the main property. In addition, he conducted preserve monitoring at the Rooney (143 acres) and Shehadeh (160 acres) preserves, which are being utilized as partial mitigation for proposed impacts to the main site. The monitoring focused on non-native invasive plant species distribution and thatch accumulation within the preserves; in addition, general monitoring was conducted, which included wildlife observed within the preserves, the status of preserve fencing and signage, and trash accumulation.

Selected Professional Development Courses

- Aquatic Resources Delineation Field Training, Wetland Training Institute, Inc.; Sacramento and Placer Counties, California, 2018.
- USACE Regulatory Conference on the 2015 Clean Water Rule; Sacramento, California, 2018.
- Performed approximately 5.5 hours of voluntary dip net and sieve surveying for California tiger salamander (*Ambystoma californiense*, CTS) and vernal pool tadpole shrimp (*Lepidurus packardi*) at the SMUD Nature Preserve Mitigation Bank adjacent to the Rancho Seco Recreational Area; Sacramento County, California, 2019.
- Performed volunteer work mist netting and banding local and migratory birds at the Stone Lakes National Wildlife Refuge between the summers of 2017 and 2018; Sacramento County, California, 2017-2018.

PCCP Qualified Biologist Attestation

Name: Tara Collins

Title: Senior Biologist

Organization: Madrone Ecological Consulting

Email: tcollins@madroneeco.com

Contact #: 916-390-5148 cell

Area of Specialty:
- Preserve Planning and Development and Implementation of Preserve Management Plans
- Mitigation Planning and Development and Implementation of Mitigation Plans
- Habitat Restoration
- Conservation Easements
- Special Status Species Surveys (permitted to survey for Federally-listed branchiopods) and Habitat Assessments
- Special Status Plant Surveys
- Trained CRAM Practitioner
- USACE 404 Permits, USFWS BOs, WQCB 401 Certifications, CDFW 1600 Agreements, CDFW ITP Permits

Years of Experience: 21

Viewed the PCCP Training for Biologists Part A: Yes **Date:** April 19, 2022

Viewed the PCCP Training for Biologists Part B: No, not available yet **Date:** TBD, not available yet

I acknowledge that I have viewed the Training videos for becoming a Qualified PCCP Biologist, can successfully complete the PCCP/CARP Application, and verify the quality of results from the surveys I conducted/directed for PCCP Covered Activities.

Sign: April 21, 2022

Appendix E

Noise Measurement Data and Noise Modeling Calculations

Representative Construction Equipment and Levels (LEQ)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,081	53.0
Nearest Receptor	1000	52.1
Nearest Residence	1000	52.1

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Scraper	85	0.4
Grader	85	0.4
Front End Loader	80	0.4
Tractor	84	0.4
Backhoe	80	0.4

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Scraper	81.0
Grader	81.0
Front End Loader	76.0
Tractor	80.0
Backhoe	76.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
86.4

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Representative Construction Equipment and Levels (LEQ)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,727	53.0
Nearest Receptor	1000	57.2
Nearest Residence	1000	57.2

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Dozer	85	1
Grader	85	1
Dump Truck	84	1
Excavator	85	1
Backhoe	80	1
Front End Loader	80	1

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Dozer	85.0
Grader	85.0
Dump Truck	84.0
Excavator	85.0
Backhoe	80.0
Front End Loader	80.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
91.5

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Representative Construction Equipment and Levels (LEQ)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,299	53.0
Nearest Receptor	1000	54.1
Nearest Residence	1000	54.1

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Dozer	85	0.4
Grader	85	0.4
Backhoe	80	0.4
Excavator	85	0.4
Scraper	85	0.4
Front End Loader	80	0.4
Tractor	84	0.4

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Dozer	81.0
Grader	81.0
Backhoe	76.0
Excavator	81.0
Scraper	81.0
Front End Loader	76.0
Tractor	80.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
88.4

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Representative Construction Equipment and Levels (LMAX)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,874	53.0
Nearest Receptor	1000	58.1
Nearest Residence	1000	58.1

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Dozer	85	1
Grader	85	1
Backhoe	80	1
Excavator	85	1
Scraper	85	1
Front End Loader	80	1
Tractor	84	1

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Dozer	85.0
Grader	85.0
Backhoe	80.0
Excavator	85.0
Scraper	85.0
Front End Loader	80.0
Tractor	84.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
92.3

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Representative Construction Equipment and Levels (LEQ)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,255	53.0
Nearest Receptor	1000	53.7
Nearest Residence	1000	53.7

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Flat Bed Truck	84	0.4
Generator	82	0.4
Crane	85	0.16
Dump Truck	84	0.4
Front End Loader	80	0.4
Man Lift	85	0.4
Tractor	84	0.4
Backhoe	80	0.4
Welder / Torch	73	0.4

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Flat Bed Truck	80.0
Generator	78.0
Crane	77.0
Dump Truck	80.0
Front End Loader	76.0
Man Lift	81.0
Tractor	80.0
Backhoe	76.0
Welder / Torch	69.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
88.0

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Representative Construction Equipment and Levels (LEQ)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,828	53.0
Nearest Receptor	1000	57.8
Nearest Residence	1000	57.8

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Compactor (ground)	80	1
Generator	82	1
Crane	85	1
Dump Truck	84	1
Front End Loader	80	1
Man Lift	85	1
Tractor	84	1
Backhoe	80	1
Welder / Torch	73	1

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Compactor (ground)	80.0
Generator	82.0
Crane	85.0
Dump Truck	84.0
Front End Loader	80.0
Man Lift	85.0
Tractor	84.0
Backhoe	80.0
Welder / Torch	73.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
92.1

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Representative Construction Equipment and Levels (LEQ)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,197	53.0
Nearest Receptor	1000	53.2
Nearest Residence	1000	53.2

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Paver	85	0.4
Roller	85	0.4
Concrete Mixer Truck	85	0.4
Front End Loader	80	0.4
Flat Bed Truck	84	0.4
Backhoe	80	0.4

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Paver	81.0
Roller	81.0
Concrete Mixer Truck	81.0
Front End Loader	76.0
Flat Bed Truck	80.0
Backhoe	76.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
87.5

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Representative Construction Equipment and Levels (LEQ)

Location	Distance to Nearest Receptor in feet	Combined Predicted Noise Level (L_{eq} dBA)
threshold	1,752	53.0
Nearest Receptor	1000	57.3
Nearest Residence	1000	57.3

Equipment	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Paver	85	1
Roller	85	1
Concrete Mixer Truck	85	1
Tractor	84	1
Flat Bed Truck	84	1

Ground Type	soft
Source Height	8
Receiver Height	5
Ground Factor[2]	0.63

Predicted Noise Level [3]	L_{eq} dBA at 50 feet[3]
Paver	85.0
Roller	85.0
Concrete Mixer Truck	85.0
Tractor	84.0
Flat Bed Truck	84.0

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
91.6

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006. Table 1.

[2] Based on Figure 6-5 from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 6-23).

[3] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006 (pg 12-3).

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects (FTA 2006: pg 6-23); and

D = Distance from source to receiver.

Equipment Description	Acoustical Usage Factor (%)	Spec 721.560 Lmax @ 50ft (dBA slow)	Actual Measured Lmax @ 50ft (dBA slow)	No. of Actual Data Samples (count)	Spec 721.560 LmaxCalc	Spec 721.560 Leq	Distance	Actual Measured LmaxCalc	Actual Measured Leq
Auger Drill Rig	20	85	84	36	79.0	72.0	100	78.0	71.0
Backhoe	40	80	78	372	74.0	70.0	100	72.0	68.0
Bar Bender	20	80	na	0	74.0	67.0	100		
Blasting	na	94	na	0	88.0		100		
Boring Jack Power Unit	50	80	83	1	74.0	71.0	100	77.0	74.0
Chain Saw	20	85	84	46	79.0	72.0	100	78.0	71.0
Clam Shovel (dropping)	20	93	87	4	87.0	80.0	100	81.0	74.0
Compactor (ground)	20	80	83	57	74.0	67.0	100	77.0	70.0
Compressor (air)	40	80	78	18	74.0	70.0	100	72.0	68.0
Concrete Batch Plant	15	83	na	0	77.0	68.7	100		
Concrete Mixer Truck	40	85	79	40	79.0	75.0	100	73.0	69.0
Concrete Pump Truck	20	82	81	30	76.0	69.0	100	75.0	68.0
Concrete Saw	20	90	90	55	84.0	77.0	100	84.0	77.0
Crane	16	85	81	405	79.0	71.0	100	75.0	67.0
Dozer	40	85	82	55	79.0	75.0	100	76.0	72.0
Drill Rig Truck	20	84	79	22	78.0	71.0	100	73.0	66.0
Drum Mixer	50	80	80	1	74.0	71.0	100	74.0	71.0
Dump Truck	40	84	76	31	78.0	74.0	100	70.0	66.0
Excavator	40	85	81	170	79.0	75.0	100	75.0	71.0
Flat Bed Truck	40	84	74	4	78.0	74.0	100	68.0	64.0
Front End Loader	40	80	79	96	74.0	70.0	100	73.0	69.0
Generator	50	82	81	19	76.0	73.0	100	75.0	72.0
Generator (<25KVA, VMS s	50	70	73	74	64.0	61.0	100	67.0	64.0
Gradall	40	85	83	70	79.0	75.0	100	77.0	73.0
Grader	40	85	na	0	79.0	75.0	100		
Grapple (on Backhoe)	40	85	87	1	79.0	75.0	100	81.0	77.0
Horizontal Boring Hydr. Jac	25	80	82	6	74.0	68.0	100	76.0	70.0
Hydra Break Ram	10	90	na	0	84.0	74.0	100		
Impact Pile Driver	20	95	101	11	89.0	82.0	100	95.0	88.0
Jackhammer	20	85	89	133	79.0	72.0	100	83.0	76.0
Man Lift	20	85	75	23	79.0	72.0	100	69.0	62.0
Mounted Impact Hammer (	20	90	90	212	84.0	77.0	100	84.0	77.0
Pavement Scarafier	20	85	90	2	79.0	72.0	100	84.0	77.0
Paver	50	85	77	9	79.0	76.0	100	71.0	68.0
Pickup Truck	40	55	75	1	49.0	45.0	100	69.0	65.0
Pneumatic Tools	50	85	85	90	79.0	76.0	100	79.0	76.0
Pumps	50	77	81	17	71.0	68.0	100	75.0	72.0
Refrigerator Unit	100	82	73	3	76.0	76.0	100	67.0	67.0
Rivit Buster/chipping gun	20	85	79	19	79.0	72.0	100	73.0	66.0
Rock Drill	20	85	81	3	79.0	72.0	100	75.0	68.0
Roller	20	85	80	16	79.0	72.0	100	74.0	67.0
Sand Blasting (Single Nozzl	20	85	96	9	79.0	72.0	100	90.0	83.0
Scraper	40	85	84	12	79.0	75.0	100	78.0	74.0
Shears (on backhoe)	40	85	96	5	79.0	75.0	100	90.0	86.0
Slurry Plant	100	78	78	1	72.0	72.0	100	72.0	72.0
Slurry Trenching Machine	50	82	80	75	76.0	73.0	100	74.0	71.0
Soil Mix Drill Rig	50	80	na	0	74.0	71.0	100		
Tractor	40	84	na	0	78.0	74.0	100		
Vacuum Excavator (Vac-tru	40	85	85	149	79.0	75.0	100	79.0	75.0
Vacuum Street Sweeper	10	80	82	19	74.0	64.0	100	76.0	66.0
Ventilation Fan	100	85	79	13	79.0	79.0	100	73.0	73.0
Vibrating Hopper	50	85	87	1	79.0	76.0	100	81.0	78.0
Vibratory Concrete Mixer	20	80	80	1	74.0	67.0	100	74.0	67.0
Vibratory Pile Driver	20	95	101	44	89.0	82.0	100	95.0	88.0
Warning Horn	5	85	83	12	79.0	66.0	100	77.0	64.0
Welder / Torch	40	73	74	5	67.0	63.0	100	68.0	64.0

Source:
FHWA Roadway Construction Noise Model, January 2006. Table 9.1
U.S. Department of Transportation
CA/T Construction Spec. 721.560

Distance Propagation Calculations for Stationary Sources of Ground Vibration

KEY: Orange cells are for input.
Grey cells are intermediate calculations performed by the model.
Green cells are data to present in a written analysis (output).

STEP 1: Determine units in which to perform calculation.

— If vibration decibels (VdB), then use Table A and proceed to Steps 2A and 3A.
— If peak particle velocity (PPV), then use Table B and proceed to Steps 2B and 3B.

STEP 2A: Identify the vibration source and enter the reference vibration level (VdB) and distance.

STEP 3A: Select the distance to the receiver.

Table A. Propagation of vibration decibels (VdB) with distance

Noise Source/ID	Reference Noise Level			Attenuated Noise Level at Receptor		
Future Nearest Residence from SAP	vibration level (VdB)	@	distance (ft)	vibration level (VdB)	@	distance (ft)
Vibratory Roller	94	@	25	45.9	@	1000
Hoe Ram	87	@	25	38.9	@	1000
Large Bulldozer	87.0	@	25	38.9	@	1000
Loaded Trucks	86	@	25	37.9	@	1000
Jackhammer	79.0	@	25	30.9	@	1000

STEP 2B: Identify the vibration source and enter the reference peak particle velocity (PPV) and distance.

STEP 3B: Select the distance to the receiver.

Table B. Propagation of peak particle velocity (PPV) with distance

Noise Source/ID	Reference Noise Level			Attenuated Noise Level at Receptor		
Future Nearest Residence from SAP	vibration level (PPV)	@	distance (ft)	vibration level (PPV)	@	distance (ft)
Vibratory Roller	0.210	@	25	0.001	@	1000
Hoe Ram	0.089	@	25	0.000	@	1000
Large Bulldozer	0.089	@	25	0.000	@	1000
Loaded Trucks	0.076	@	25	0.000	@	1000
Jackhammer	0.035	@	25	0.000	@	1000

Notes:
Computation of propagated vibration levels is based on the equations presented on pg. 12-11 of FTA 2006. Estimates of attenuated vibration levels do not account for reductions from intervening underground barriers or other underground structures of any type, or changes in soil type.

Sources:
Federal Transit Association (FTA). 2006 (May). Transit Noise and Vibration Impact Assessment. FTA-VA-90-1003-06. Washington, D.C. Available: <http://www.fta.dot.gov/documents/FTA_Noise_and_Vibration_Manual.pdf>. Accessed: September 24, 2010.

Distance Propagation Calculations for Stationary Sources of Ground Vibration

KEY: Orange cells are for input.
Grey cells are intermediate calculations performed by the model.
Green cells are data to present in a written analysis (output).

STEP 1: Determine units in which to perform calculation.

— If vibration decibels (VdB), then use Table A and proceed to Steps 2A and 3A.
— If peak particle velocity (PPV), then use Table B and proceed to Steps 2B and 3B.

STEP 2A: Identify the vibration source and enter the reference vibration level (VdB) and distance.

STEP 3A: Select the distance to the receiver.

Table A. Propagation of vibration decibels (VdB) with distance

Noise Source/ID	Reference Noise Level			Attenuated Noise Level at Receptor		
Existing: 1886 Pico Rivera Drive	vibration level (VdB)	@	distance (ft)	vibration level (VdB)	@	distance (ft)
Vibratory Roller	94	@	25	45.2	@	1060
Hoe Ram	87	@	25	38.2	@	1060
Large Bulldozer	87.0	@	25	38.2	@	1060
Loaded Trucks	86	@	25	37.2	@	1060
Jackhammer	79.0	@	25	30.2	@	1060

STEP 2B: Identify the vibration source and enter the reference peak particle velocity (PPV) and distance.

STEP 3B: Select the distance to the receiver.

Table B. Propagation of peak particle velocity (PPV) with distance

Noise Source/ID	Reference Noise Level			Attenuated Noise Level at Receptor		
Existing: 1886 Pico Rivera Drive	vibration level (PPV)	@	distance (ft)	vibration level (PPV)	@	distance (ft)
Vibratory Roller	0.210	@	25	0.001	@	1060
Hoe Ram	0.089	@	25	0.000	@	1060
Large Bulldozer	0.089	@	25	0.000	@	1060
Loaded Trucks	0.076	@	25	0.000	@	1060
Jackhammer	0.035	@	25	0.000	@	1060

Notes:
Computation of propagated vibration levels is based on the equations presented on pg. 12-11 of FTA 2006. Estimates of attenuated vibration levels do not account for reductions from intervening underground barriers or other underground structures of any type, or changes in soil type.

Sources:
Federal Transit Association (FTA). 2006 (May). Transit Noise and Vibration Impact Assessment. FTA-VA-90-1003-06. Washington, D.C. Available: <http://www.fta.dot.gov/documents/FTA_Noise_and_Vibration_Manual.pdf>. Accessed: September 24, 2010.

Appendix F

Vehicle Miles Traveled Modeling Data

Model Scenarios					
Scenario	Population and Growth Forecasts				
	SACOG 2020 MTP/SCS	CSU Placer - Phase 1	CSU Placer - Phase 2	CSU Placer - Phase 3	CSU Placer - Phase 4
Base Year	✓				
Base Year Plus Project	✓	✓	✓	✓	
Cumulative (2040)	✓				
Cumulative Plus Project	✓	✓	✓	✓	✓

This spreadsheet includes the following 6 statistics for the scenarios identified above. Each of these scenarios are modeled using SACOG's Activity based travel demand model **SACSIM19**.
Please click on the green tab icons to navigate to the summary statistics.

1 **Land use totals for all scenarios**

Households
Employment
Population
Students

2 **VehicleTrips**

Total model trips by type of vehicles divided into:
Daily
AM Peak Hour
PM Peak Hour
Includes Trips/FTE (full time equivalent student) calculation
Includes Trips/FTE comparison with StreetLight Data

3 **VMT efficiency Regional**

VMT efficiency is required for CEQA analysis. VMT efficiency metrics listed in this document are based on CSU TIS guidelines as adapted for this study in Placer County. The regional VMT efficiency metrics are compared with the SACOG region. This is includes:
3.1 Household VMT per capita
3.2 Work Tour VMT per employee

4 **VMT efficiency CSU**

VMT efficiency metrics listed in this tab is based on CSU TIS guidelines as adapted for this study in Placer County. The CSU VMT efficiency metrics are compared with the existing CSU Campus. This is includes:
4.1 University Work Tour VMT per worker
4.2 School/University Tour VMT per student

5 **Networkwide VMT by Speed Bin**

Total VMT generated within the SACOG region from all sources. Includes II, IX, XI, and XX trips (as defined in the tab) and is divided into the following vehicle types.
Personal Vehicles (SOV, HOV2, HOV3+)
Commercial Vehicles (Small-Medium Trucks)
Commercial Vehicles (Large Trucks)

6 **VMT_by_Speed_Bin_OD-Total**

Total VMT generated within the SACOG region from the project site. Includes II, IX, and XI trips (as defined in the tab) and is divided into the following vehicle types.
Personal Vehicles (SOV, HOV2, HOV3+)
Commercial Vehicles (Small-Medium Trucks)
Commercial Vehicles (Large Trucks)

Method		Approach	Formula	Trip Types Included	Source	Tabs
Tour-Based	Household Generated	Includes all vehicle "tours" (both work/commute vehicle tours and non-work vehicle tours) that start and end at residential units including all intermediate stops. Includes full length of IX-XI trips.	Trips x Adjusted Trip Length	II IX XI	DAYSIM travel diary + Replica 2019 Average Trip Distance at Gateway Data	3.VMT_efficiency_Regional (Reported as efficiency metric and not as total VMT)
	Work Tour	VMT per Employee includes all work/commute vehicle tours that start and end at employment location including intermediate stops. Includes full length of IX-XI trips.		II IX XI		
	University Work Tour	VMT per Employee includes all work/commute vehicle tours that start and end at University location including intermediate stops. Includes full length of IX-XI trips.		II IX XI		4.VMT_efficiency_CSU (Reported as efficiency metric and not as total VMT)
	School Tour	VMT per Employee includes all school vehicle tours that start and end at university location including intermediate stops. Doesn't include IX-XI trips		II		
Origin-Destination	Region	Total VMT generated within the SACOG region from the following trips: -Trips with at least one trip end in the region. -External trips that had no trip ends in the region but used the region's roadways during their trip.	Volume x Distance for all model links by trip type	II IX XI XX	Full Model Run	5.Regionwide_VMT_by_Speed_bin
	Project	Total VMT generated within the SACOG region from the following trips: -Trips with at least one trip end in the project site.	Volume x Distance for all model links by trip type	II IX XI	Model select zone assigned network	6.Project_VMT_by_Speed_Bin

II – Internal to Internal Trips (all trips start and end within the model area)
IX – Internal to External Trips (external refers to trip destinations outside the model area)
XI – External to Internal Trips
XX – External to External (Through) Trips

	SACOG				Project			
	Base Year	Base Plus Project (Phase 1-3)	2040 MTP/SCS Baseline	Cumulative Plus Project (Phase 1-4)	Base Year	Base Plus Project (Phase 1-3)	2040 MTP/SCS Baseline	Cumulative Plus Project (Phase 1-4)
Household	881,799	883,019	1,136,599	1,137,077		1,220	742	1,220
Employment	2,376,311	2,377,948	2,996,832	2,997,727	-	2,846	2,950	3,846
Population [1]	947,765	950,579	1,217,794	1,221,438	-	16,483	13,838	17,483
University Students	150,731	162,731	197,092	207,726	-	12,000	1,366	12,000

[1] The population (resident) projections from plus project scenario are the synthetic population generated for the Activity based travel demand model. The syntheric population is generated using the marginal distribution and Popgen 1.1 software.

For cumulatuve baseline scenario, a portion of the university was assumed in the project location in the MTP/SCS scenario. This was kept unchanged for the baseline scenrai

Vehicle Trips and VMT Summary		Scenarios			
		Base Year	Base Plus Project (Phase 1-3)	2040 MTP/SCS Baseline	Cumulative Plus Project (Phase 1-4)
Project Volume	Daily	-	32,692	-	35,983
	AM Peak Hour	-	3,030	-	3,208
	PM Peak Hour	-	2,921	-	3,183
Total Project Generated VMT		-	427,820	-	375,784
Vehicle Trips per FTE		-	2.72	-	3.00
Total VMT (SACOG Region)		79,360,081	79,268,673	90,127,481	90,092,234
Change in Total VMT (SACOG Region)		-	-91,409	-	-35,247

Sac State Comparison of FTEs to Vehicle Trips

Fall 2021 - 27,095 FTEs [(1)]

Vehicle Trip Estimate from StreetLight (Feb 2022)					
Day Type	Day Part	Data Type	Outbound	Inbound	Total
Weekday (Tu-Th)	All Day (12am-12am)	Sample Trip Counts (Device Trips)	7,802	7,754	15,556
		All Vehicles Volume (Vehicle Trips)	22,674	22,534	45,208
				Vehicle trips per FTE	1.67

Notes:

(1) https://www.csus.edu/president/institutional-research-effectiveness-planning/dashboards/enrollment.html

Jurisdiction	3.1 Household VMT per Capita				3.2 Work Tour VMT Per Employee			
	Base Year	Base Plus Project (Phase 1-3)	2040 MTP/SCS Baseline	Cumulative Plus Project (Phase 1-4)	Base Year	Base Plus Project (Phase 1-3) [2]	2040 MTP/SCS Baseline	Cumulative Plus Project (Phase 1-4)
PLACER COUNTY	32.46	32.09	28.12	27.94	32.94	32.93	25.06	25.00
SACOG	21.65	21.58	19.82	19.80	25.33	25.34	19.82	19.84
Threshold (Compared to SACOG) [1]	18.40		19.82		21.53		19.82	
PROJECT	-	18.90	-	15.86	-	-	-	16.66
	-	103%	-	80%	-	-	-	84%

[1] Threshold is defined differently for base year and cumulative year.
For base year, impact threshold for both Household VMT per Capita and Employment VMT per Employee is defined as less than 85% of base year regional VMT efficiency.
For cumulative year, impact threshold for both Household VMT per Capita and Employment VMT per Employee is defined as less than cumulative baseline regional VMT efficiency.
Red cells indicate VMT that exceeds threshold
[2] Base Year plus project only includes phase 1-3 which doesn't include any non-university workers.

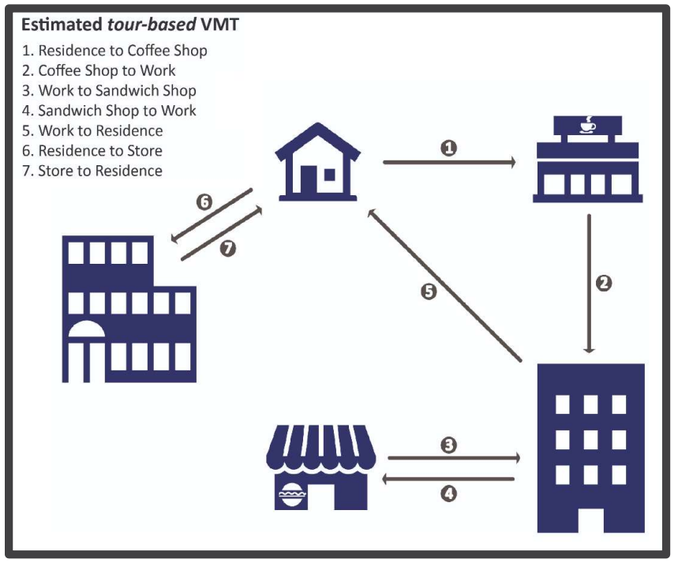
Household VMT per Capita - *VMT per Capita is used to evaluate residential projects. It includes all vehicle "tours" (both work/commute vehicle tours and non-work vehicle tours) that start and end at residential units. VMT from these tours are summed to the home location. VMT for each home is then summed by TAZ and divided by the total population in that TAZ to arrive at VMT per Capita. From SACOG guidelines, Household VMT includes trips* ***#1-7*** *from the image. The household VMT includes travel outside SACOG region.*

Work Tour VMT per employee - *VMT per Employee is used to evaluate commercial and industrial employment projects. VMT per Employee includes all work/commute vehicle tours that start and end at employment location. VMT from these tours are summed to the employment parcels. VMT for each employment parcel is then summed by TAZ and divided by the total employment of that TAZ to arrive at VMT per Employee per TAZ. The work/commute vehicle tours estimated by SACSIM19 include intermediate stops. VMT from these tours include the full mileage of the entire round-trip work/commute tour including all stops based on the SACSIM19 model. From SACOG guidelines, Work-tour VMT includes trips* ***#1, 2, 3, 4, and 5*** *from the image. The work tour VMT includes travel outside SACOG region.*

The VMT efficiency metrics account for vehicle travel that occurs outside of the SACOG region by using SACSIM IX-XI trips and average trip distance outside SACOG region from the Replica Spring 2019 data.

Back to ReadMe

Back to VMT Explanation



	4.1 University Employment Work Tour VMT Per Employee				4.2 University/School Tour VMT Per Student			
Jurisdiction	Base Year	Base Plus Project (Phase 1-3)	2040 MTP/SCS Baseline	Cumulative Plus Project (Phase 1-4)	Base Year	Base Plus Project (Phase 1-3)	2040 MTP/SCS Baseline	Cumulative Plus Project (Phase 1-4)
CSU Sacramento	21.56	22.34	17.04	17.06	14.10	12.78	12.39	11.21
Threshold (Compared to CSU Sac) [1]	18.33		17.04		11.99		12.39	
CSU Placer		30.15		23.19	-	17.94		14.56
	-	165%	-	136%	-	150%	-	118%

[1] Threshold is defined differently for base year and cumulative year.
For base year, impact threshold for both University Employment VMT per Employee and School Tour VMT per student is defined as less than 85% of base year VMT efficiency of CSU Sacramento .
For cumulative year, impact threshold for both University Employment VMT per Employee and School Tour VMT per student is defined as less than cumulative baseline VMT efficiency of CSU sacramento .
Red cells indicate VMT that exceeds threshold

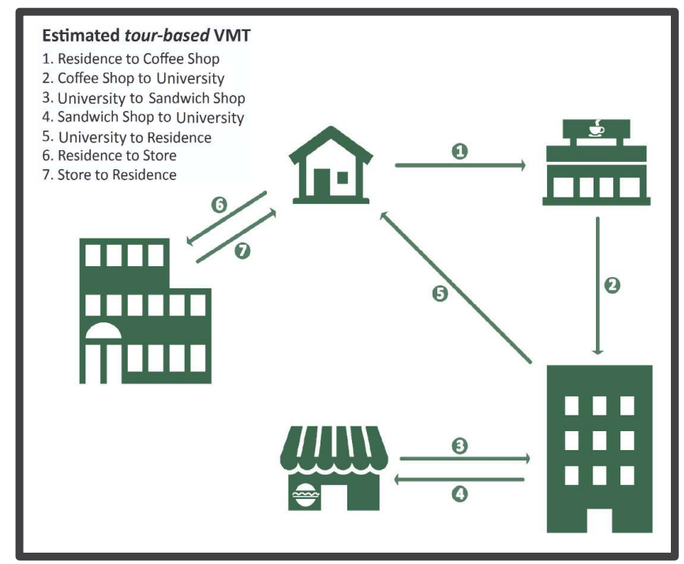
University Employment Work Tour VMT per employee - *This metric is calculated using the same methodology as work tour VMT detailed in tab 5, but is only isolated for workers at the university location. Work tour VMT from university workers are summed to the university parcels. VMT for each parcel is then summed by university and divided by the total employment of that University from the model to arrive at University Employment Work Tour VMT per Employee. The work/commute vehicle tours estimated by SACSIM19 include intermediate stops. VMT from these tours includes the full mileage of the entire round-trip work/commute tour including all stops based on the SACSIM19 model. From SACOG guidelines, Work-tour VMT includes trips* ***#1, 2, 3, 4, and 5*** *from the image. The university employment work tour VMT includes work tour VMT outside SACOG region .*

University/School Tour VMT Per Student - *School VMT per Student includes all school vehicle tours that start and end at University location. VMT from these tours are summed to the university parcels. VMT for each parcel wihtin SACOG region is then summed by University and divided by the total students of that university to arrive at School Tour VMT per Student. The school vehicle tours estimated by SACSIM19 include intermediate stops. VMT from these tours must include the full mileage of the entire round-trip work/commute tour including all stops based on the SACSIM19 model. School-tour VMT includes trips* ***#1, 2, 3, 4,*** *and* ***5*** *from the image. The University/School tour VMT doesn't include travel outside SACOG region .*

The work tour VMT efficiency metric accounts for vehicle travel that occurs outside of the SACOG region by using SACSIM IX-XI trips and average trip distance outside SACOG region from the Replica Spring 2019 data.

Back to ReadMe

Back to VMT Explanation



Speed Bin	Base Year Network VMT by Speed Bin				Base PP (phase 1-3) Network VMT by Speed Bin				Cumulative Baseline Network VMT by Speed Bin				Cumulative PP (phase 1-4) Network VMT by Speed Bin			
	Personal Vehicle (SOV, HOV2, HOV3+)	Commercial Vehicle (Small-Medium Trucks)	Commercial Vehicle (Large Trucks)	All Vehicle	Personal Vehicle (SOV, HOV2, HOV3+)	Commercial Vehicle (Small-Medium Trucks)	Commercial Vehicle (Large Trucks)	All Vehicle	Personal Vehicle (SOV, HOV2, HOV3+)	Commercial Vehicle (Small-Medium Trucks)	Commercial Vehicle (Large Trucks)	All Vehicle	Personal Vehicle (SOV, HOV2, HOV3+)	Commercial Vehicle (Small-Medium Trucks)	Commercial Vehicle (Large Trucks)	All Vehicle
0-5	15,194	1,999	137	17,330	14,766	1,872	114	16,752	36,596	4,591	409	41,596	35,801	4,399	396	40,596
>5-10	159,832	20,295	1,559	181,686	151,736	19,378	1,478	172,592	214,263	31,129	2,502	247,894	216,372	31,527	2,357	250,256
>10-15	331,226	47,240	3,223	381,689	335,132	48,731	3,368	387,231	509,354	79,411	6,481	595,246	494,463	77,341	6,302	578,106
>15-20	5,015,919	797,588	48,583	5,862,090	4,980,855	796,487	48,483	5,825,825	6,020,174	1,003,099	65,160	7,088,433	6,006,488	1,004,304	65,436	7,076,228
>20-25	2,179,995	352,749	28,574	2,561,318	2,143,869	349,490	27,783	2,521,142	2,540,046	417,640	38,181	2,995,867	2,546,409	420,188	38,501	3,005,098
>25-30	3,113,469	468,968	36,421	3,618,858	3,122,593	474,648	36,934	3,634,175	3,815,480	606,866	52,574	4,474,920	3,811,754	605,278	51,242	4,468,274
>30-35	6,304,641	997,838	91,183	7,393,662	6,258,916	993,126	88,896	7,340,938	7,894,300	1,310,157	133,674	9,338,131	7,902,679	1,313,861	134,249	9,350,789
>35-40	5,995,295	1,012,544	112,992	7,120,831	6,045,753	1,022,379	114,298	7,182,430	7,666,580	1,392,207	171,676	9,230,463	7,568,843	1,371,881	166,251	9,106,975
>40-45	4,728,773	786,790	170,335	5,685,898	4,759,678	794,754	170,975	5,725,407	4,991,274	926,786	224,215	6,142,275	5,139,393	960,935	235,027	6,335,355
>45-50	2,859,274	518,362	129,402	3,507,038	2,871,111	526,679	130,212	3,528,002	2,831,028	624,064	170,331	3,625,423	2,714,823	593,511	165,591	3,473,925
>50-55	5,691,505	1,046,142	346,987	7,084,634	5,599,293	1,029,671	345,347	6,974,311	6,711,402	1,415,763	483,262	8,610,427	6,714,952	1,436,241	479,290	8,630,483
>55-60	10,019,925	1,929,960	702,734	12,652,619	10,094,264	1,957,152	704,690	12,756,106	11,143,575	2,579,225	954,576	14,677,376	11,127,701	2,567,424	949,268	14,644,393
>60-65	3,758,193	865,947	358,074	4,982,214	3,726,479	862,837	359,681	4,948,997	3,637,621	874,776	456,170	4,968,567	3,701,645	907,168	470,379	5,079,192
>65-70	1,493,695	120,547	437,637	2,051,879	1,494,116	120,819	438,561	2,053,496	1,418,898	109,131	498,563	2,026,592	1,415,572	109,126	498,569	2,023,267
>70-75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (interzonal) VMT Within SACOG Region (all sources)	51,666,936	8,966,969	2,467,841	63,101,746	51,598,561	8,998,023	2,470,820	63,067,404	59,430,591	11,374,845	3,257,774	74,063,210	59,396,895	11,403,184	3,262,858	74,062,937
Total (Intrazonal) VMT Within SACOG Region (all sources)	213,062				212,666				242,873				242,023			
Total VMT External to SACOG Region (all sources)	16,045,273				15,988,603				15,821,398				15,787,274			
Total VMT (SACOG Region)	**79,360,081**				**79,268,673**				**90,127,481**				**90,092,234**			

Speed Bin	Base PP Network VMT by Speed Bin				Cumulative PP Network VMT by Speed Bin			
	Personal Vehicle (SOV, HOV2, HOV3+)	Commercial Vehicle (Small-Medium Trucks)	Commercial Vehicle (Large Trucks)	All Vehicle	Personal Vehicle (SOV, HOV2, HOV3+)	Commercial Vehicle (Small-Medium Trucks)	Commercial Vehicle (Large Trucks)	All Vehicle
0-5	1,656	81	6	1,743	1,733	107	10	1,850
>5-10	2,424	145	13	2,582	1,431	135	18	1,584
>10-15	3,057	311	27	3,395	3,437	337	48	3,822
>15-20	23,684	2,792	201	26,677	24,405	3,272	295	27,972
>20-25	8,256	858	105	9,219	6,143	778	143	7,064
>25-30	20,196	2,012	207	22,415	14,230	1,796	262	16,288
>30-35	48,715	4,976	458	54,149	52,377	6,584	911	59,872
>35-40	89,073	11,416	1,170	101,659	68,969	11,605	1,624	82,198
>40-45	44,822	4,792	891	50,505	35,077	4,955	1,305	41,337
>45-50	21,265	2,567	707	24,539	11,352	1,738	646	13,736
>50-55	29,822	3,401	1,031	34,254	35,431	6,077	1,991	43,499
>55-60	41,046	6,186	2,059	49,291	34,413	7,858	3,532	45,803
>60-65	17,519	2,661	992	21,172	11,482	2,265	1,198	14,945
>65-70	1,002	108	753	1,863	369	84	795	1,248
>70-75	0	0	0	0	0	0	0	0
>75	0	0	0	0	0	0	0	0
Total VMT Within SACOG Region (Project)	**352,537**	**42,306**	**8,620**	**403,463**	**300,849**	**47,591**	**12,778**	**361,218**
Total VMT External to SACOG Region (Project)	**24,357**				**14,566**			
Total VMT (Project)	**427,820**				**375,784**			

Appendix G

AB 52 Consultation Letters

SACRAMENTO STATE

California State University, Sacramento
Facilities Management
6000 J Street • Sacramento, CA 95819-6002
Tel (916) 278-6242 • Fax (916)278-5960 • www.csus.edu

June 7, 2021

The Honorable Sara Setshwaelo, Chairperson
Ione Band of Miwok Indians
P.O. Box 699
Plymouth, CA, 95669

Re: **Formal Notification pursuant to Assembly Bill 52 (Public Resources Code 21080.3.1) for the proposed Sacramento State - Placer Center EIR**

Dear Chairperson Setshwaelo,

This letter serves as a formal invitation to the Ione Band of Miwok Indians (the Tribe) to consult with the California State University (as lead agency, hereinafter "CSU Sacramento") under Assembly Bill 52 (AB 52), pursuant to Public Resources Code (PRC) Section 21080.3.1, on the proposed California State University, The Hub, Sacramento State Research Park EIR (project). In discharging its duties under Section 15021 of the California Environmental Quality Act (CEQA) Guidelines, CSU Sacramento intends to prepare an environmental impact report (EIR), consistent with Section 15161 of the State CEQA Guidelines (Title 14 of the California Code of Regulations, hereinafter the "CEQA Guidelines"), for the project.

The 301-acre Sacramento State -Placer Center site is located within the 2,213-acre Placer Ranch Specific Plan (PRSP), which is in turn located within the Sunset Area Plan (SAP) in Placer County, north of the city of Roseville (**Figure 1, Sacramento State – Placer Center Site**). The site is currently undeveloped pastureland with shallow drainage and wetlands, as well as trees and ruderal vegetation. Sacramento State – Placer Center would support academic and student success, promote diversity and inclusion and serve as an economic anchor for the region by fostering community building and placemaking. Development would include administrative and educational facilities, as well as University related housing, recreation, public event, parking, landscapes and various support spaces that are necessary for a vibrant campus environment.

As part of the cultural resources review of the project under CEQA, we are writing to provide your Tribe with the opportunity to submit any information that you are willing to share about cultural resources that may be in close proximity to the project, especially Tribal Cultural Resources as defined in PRC Section 21074. We understand that the locations of these resources are sensitive and resource locations will not be disclosed in public documents and will be kept confidential as provided for under California Government Code Section 6254.10.

As indicated earlier, this letter also serves as a formal invitation to the Ione Band of Miwok Indians to consult with CSU Sacramento regarding the project under AB 52 and PRC Section 21080.3.1. Under PRC Section 21080.3.1, tribes have 30 days to respond to notification letters; if your tribe would like to participate in formal consultation, please notify the undersigned, within 30 calendar days of receipt of this notice.

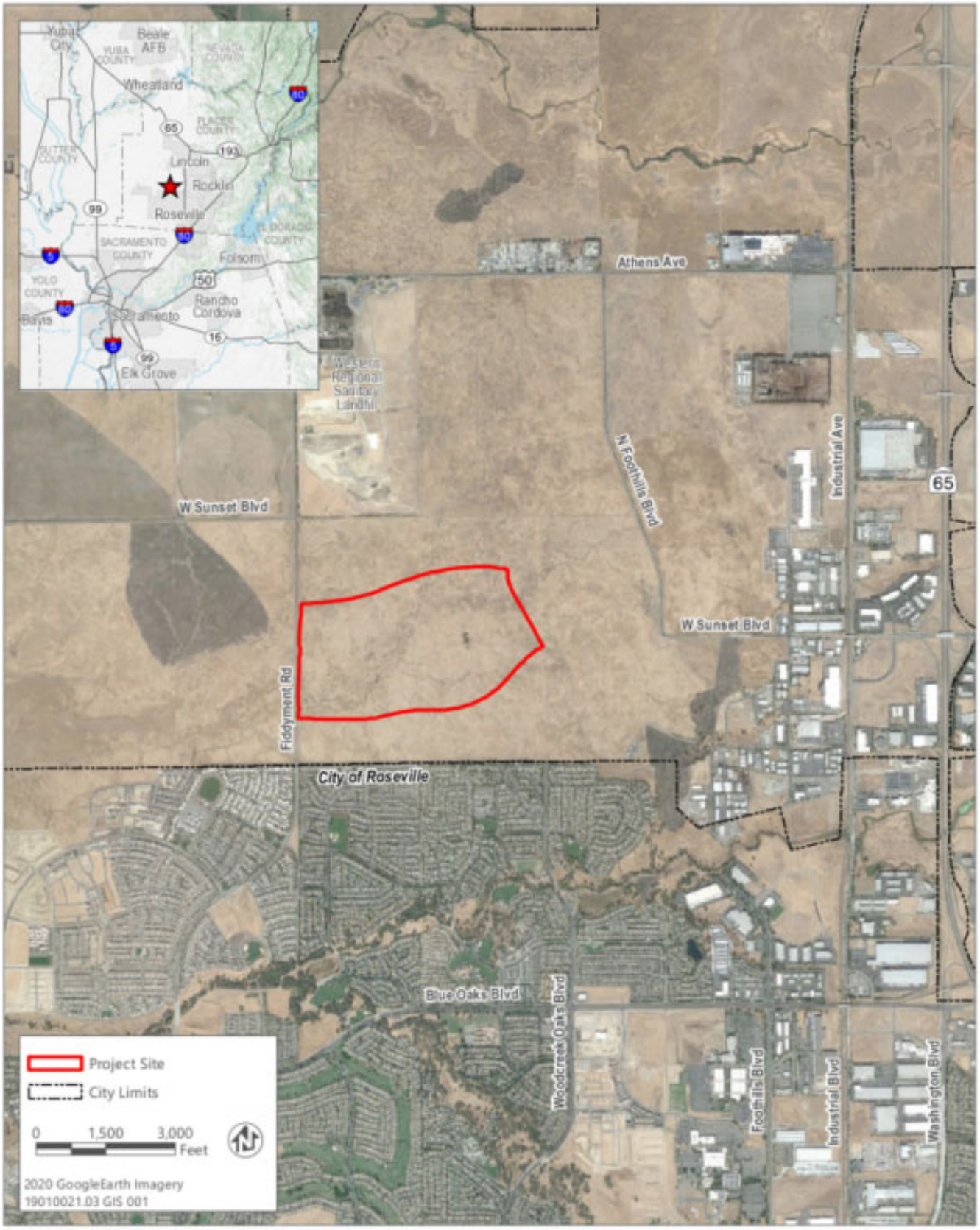
If a written request is not received within 30 calendar days, the consultation process under PRC Section 21080.3.1 will not take place. CSU Sacramento is, however, committed to working together with your Tribe and this notification does not limit the ability of your Tribe to submit information to CSU Sacramento (PRC Section 21080.3.2).

Your comments and concerns are important to us and we look forward to hearing from you. If you have any questions or comments, I can be contacted via email (tania.nunez@csus.edu) or by phone (916) 278-3404).

Respectfully,

Tania Nunez, AIA
Project Manager – Facilities Management
California State University, Sacramento
600 J Street
Sacramento, CA 95819
tania.nunez@csus.edu

SACRAMENTO STATE



Source: adapted by Ascent Environmental in 2021

Figure 1, Sacramento State – Placer Center

SACRAMENTO STATE

California State University, Sacramento
Facilities Management
6000 J Street • Sacramento, CA 95819-6002
Tel (916) 278-6242 • Fax (916)278-5960 • www.csus.edu

June 7, 2021

Grayson Coney, Cultural Director
Tsi Akim Maidu
P.O. Box 510
Browns Valley, CA, 95918

Re: **Formal Notification pursuant to Assembly Bill 52 (Public Resources Code 21080.3.1) for the proposed Sacramento State - Placer Center EIR**

Dear Mr. Coney,

This letter serves as a formal invitation to the Tsi Akim Maidu (the Tribe) to consult with the California State University (as lead agency, hereinafter "CSU Sacramento") under Assembly Bill 52 (AB 52), pursuant to Public Resources Code (PRC) Section 21080.3.1, on the proposed California State University, The Hub, Sacramento State Research Park EIR (project). In discharging its duties under Section 15021 of the California Environmental Quality Act (CEQA) Guidelines, CSU Sacramento intends to prepare an environmental impact report (EIR), consistent with Section 15161 of the State CEQA Guidelines (Title 14 of the California Code of Regulations, hereinafter the "CEQA Guidelines"), for the project.

The 301-acre Sacramento State -Placer Center site is located within the 2,213-acre Placer Ranch Specific Plan (PRSP), which is in turn located within the Sunset Area Plan (SAP) in Placer County, north of the city of Roseville (**Figure 1, Sacramento State – Placer Center Site**). The site is currently undeveloped pastureland with shallow drainage and wetlands, as well as trees and ruderal vegetation. Sacramento State – Placer Center would support academic and student success, promote diversity and inclusion and serve as an economic anchor for the region by fostering community building and placemaking. Development would include administrative and educational facilities, as well as University related housing, recreation, public event, parking, landscapes and various support spaces that are necessary for a vibrant campus environment.

As part of the cultural resources review of the project under CEQA, we are writing to provide your Tribe with the opportunity to submit any information that you are willing to share about cultural resources that may be in close proximity to the project, especially Tribal Cultural Resources as defined in PRC Section 21074. We understand that the locations of these resources are sensitive and resource locations will not be disclosed in public documents and will be kept confidential as provided for under California Government Code Section 6254.10.

As indicated earlier, this letter also serves as a formal invitation to the Tsi Akim Maidu to consult with CSU Sacramento regarding the project under AB 52 and PRC Section 21080.3.1. Under PRC Section 21080.3.1, tribes have 30 days to respond to notification letters; if your tribe would like to participate in formal consultation, please notify the undersigned, within 30 calendar days of receipt of this notice.

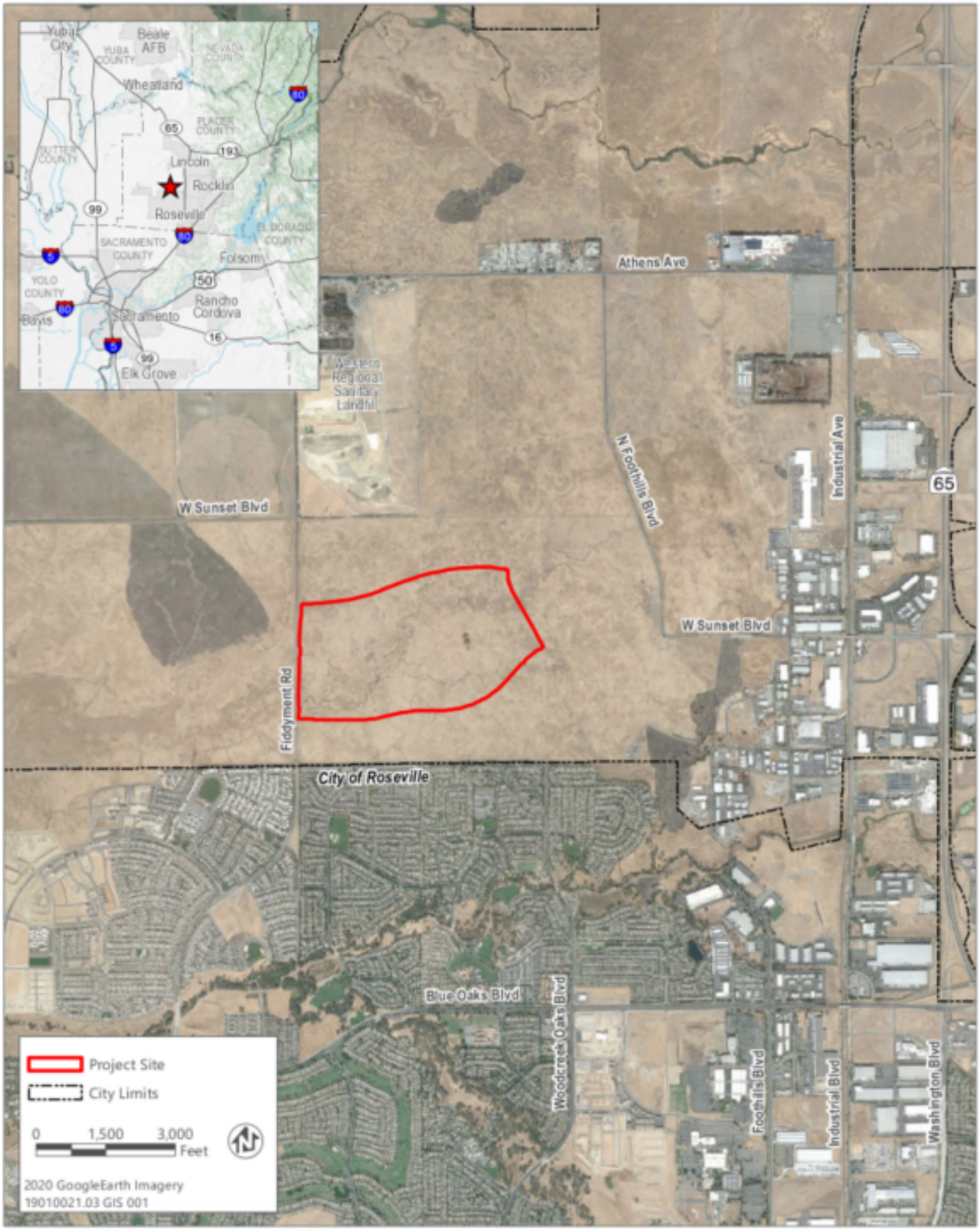
If a written request is not received within 30 calendar days, the consultation process under PRC Section 21080.3.1 will not take place. CSU Sacramento is, however, committed to working together with your Tribe and this notification does not limit the ability of your Tribe to submit information to CSU Sacramento (PRC Section 21080.3.2).

Your comments and concerns are important to us and we look forward to hearing from you. If you have any questions or comments, I can be contacted via email (tania.nunez@csus.edu) or by phone (916) 278-3404).

Respectfully,

Tania Nunez, AIA
Project Manager – Facilities Management
California State University, Sacramento
600 J Street
Sacramento, CA 95819
tania.nunez@csus.edu

SACRAMENTO STATE



Source: adapted by Ascent Environmental in 2021

Figure 1, Sacramento State – Placer Center

SACRAMENTO STATE

California State University, Sacramento
Facilities Management
6000 J Street • Sacramento, CA 95819-6002
Tel (916) 278-6242 • Fax (916)278-5960 • www.csus.edu

June 7, 2021

Regina Cuellar, Chairperson
Shingle Springs Band of Miwok Indians
P.O. Box 1340
Shingle Springs, CA, 95862

Re: **Formal Notification pursuant to Assembly Bill 52 (Public Resources Code 21080.3.1) for the proposed Sacramento State - Placer Center EIR**

Dear Chairperson Cuellar,

This letter serves as a formal invitation to the Shingle Srings Band of Miwok Indians (the Tribe) to consult with the California State University (as lead agency, hereinafter "CSU Sacramento") under Assembly Bill 52 (AB 52), pursuant to Public Resources Code (PRC) Section 21080.3.1, on the proposed California State University, The Hub, Sacramento State Research Park EIR (project). In discharging its duties under Section 15021 of the California Environmental Quality Act (CEQA) Guidelines, CSU Sacramento intends to prepare an environmental impact report (EIR), consistent with Section 15161 of the State CEQA Guidelines (Title 14 of the California Code of Regulations, hereinafter the "CEQA Guidelines"), for the project.

The 301-acre Sacramento State -Placer Center site is located within the 2,213-acre Placer Ranch Specific Plan (PRSP), which is in turn located within the Sunset Area Plan (SAP) in Placer County, north of the city of Roseville (**Figure 1, Sacramento State – Placer Center Site**). The site is currently undeveloped pastureland with shallow drainage and wetlands, as well as trees and ruderal vegetation. Sacramento State – Placer Center would support academic and student success, promote diversity and inclusion and serve as an economic anchor for the region by fostering community building and placemaking. Development would include administrative and educational facilities, as well as University related housing, recreation, public event, parking, landscapes and various support spaces that are necessary for a vibrant campus environment.

As part of the cultural resources review of the project under CEQA, we are writing to provide your Tribe with the opportunity to submit any information that you are willing to share about cultural resources that may be in close proximity to the project, especially Tribal Cultural Resources as defined in PRC Section 21074. We understand that the locations of these resources are sensitive and resource locations will not be disclosed in public documents and will be kept confidential as provided for under California Government Code Section 6254.10.

As indicated earlier, this letter also serves as a formal invitation to the Shingle Springs Band of Miwok Indians to consult with CSU Sacramento regarding the project under AB 52 and PRC Section 21080.3.1. Under PRC Section 21080.3.1, tribes have 30 days to respond to notification letters; if your tribe would like to participate in formal consultation, please notify the undersigned, within 30 calendar days of receipt of this notice.

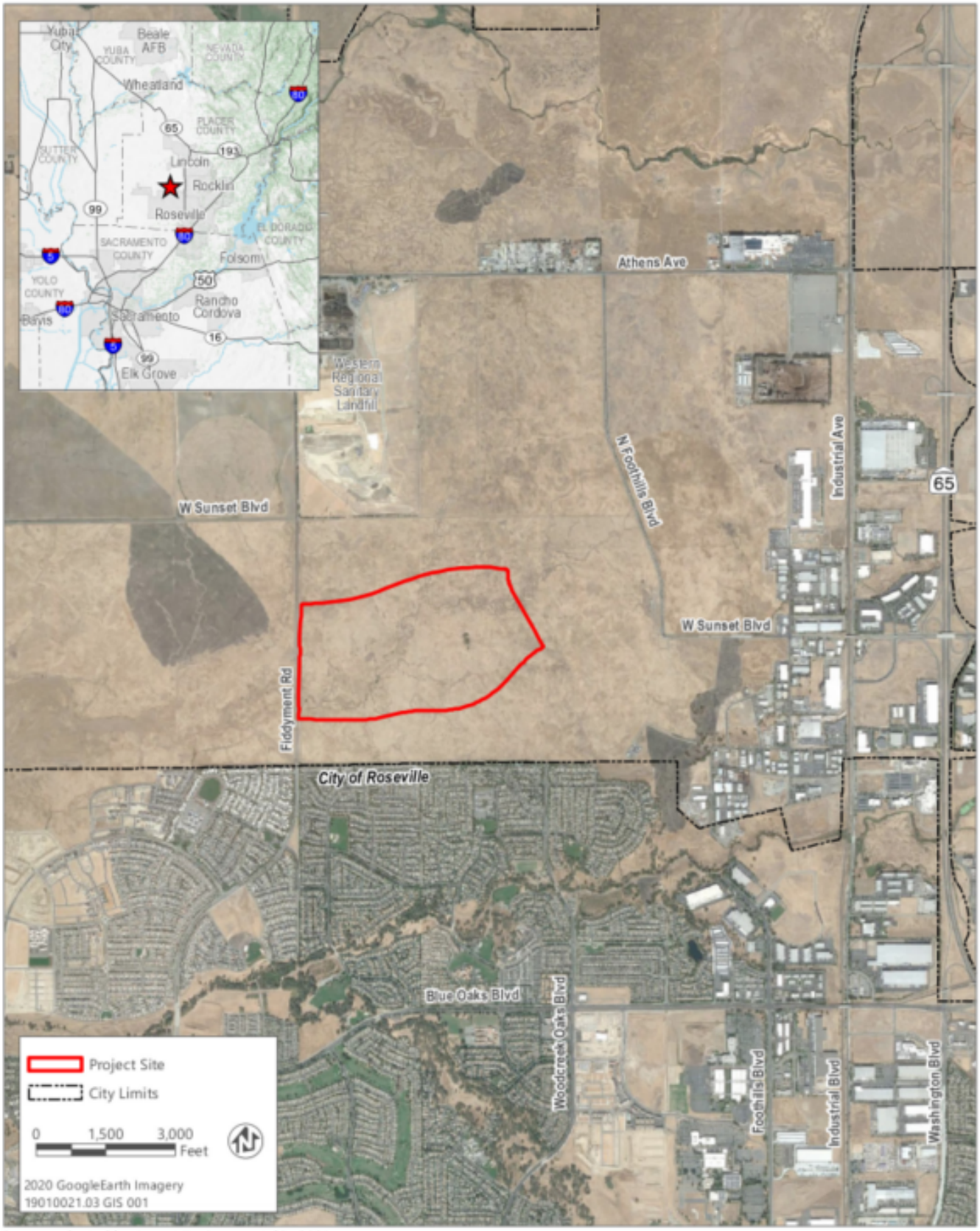
If a written request is not received within 30 calendar days, the consultation process under PRC Section 21080.3.1 will not take place. CSU Sacramento is, however, committed to working together with your Tribe and this notification does not limit the ability of your Tribe to submit information to CSU Sacramento (PRC Section 21080.3.2).

Your comments and concerns are important to us and we look forward to hearing from you. If you have any questions or comments, I can be contacted via email (tania.nunez@csus.edu) or by phone (916) 278-3404).

Respectfully,

Tania Nunez, AIA
Project Manager – Facilities Management
California State University, Sacramento
600 J Street
Sacramento, CA 95819
tania.nunez@csus.edu

SACRAMENTO STATE



Source: adapted by Ascent Environmental in 2021

Figure 1, Sacramento State – Placer Center

SACRAMENTO STATE

California State University, Sacramento
Facilities Management
6000 J Street • Sacramento, CA 95819-6002
Tel (916) 278-6242 • Fax (916)278-5960 • www.csus.edu

June 7, 2021

Gene Whitehouse, Chairperson
United Auburn Indian Community of the Auburn Rancheria
10720 Indian Hill Road
Auburn, CA, 95603

Re: **Formal Notification pursuant to Assembly Bill 52 (Public Resources Code 21080.3.1) for the proposed Sacramento State - Placer Center EIR**

Dear Chairperson Whitehouse,

This letter serves as a formal invitation to the United Auburn Indian Community of the Auburn Rancheria (the Tribe) to consult with the California State University (as lead agency, hereinafter "CSU Sacramento") under Assembly Bill 52 (AB 52), pursuant to Public Resources Code (PRC) Section 21080.3.1, on the proposed California State University, The Hub, Sacramento State Research Park EIR (project). In discharging its duties under Section 15021 of the California Environmental Quality Act (CEQA) Guidelines, CSU Sacramento intends to prepare an environmental impact report (EIR), consistent with Section 15161 of the State CEQA Guidelines (Title 14 of the California Code of Regulations, hereinafter the "CEQA Guidelines"), for the project.

The 301-acre Sacramento State -Placer Center site is located within the 2,213-acre Placer Ranch Specific Plan (PRSP), which is in turn located within the Sunset Area Plan (SAP) in Placer County, north of the city of Roseville (**Figure 1, Sacramento State – Placer Center Site**). The site is currently undeveloped pastureland with shallow drainage and wetlands, as well as trees and ruderal vegetation. Sacramento State – Placer Center would support academic and student success, promote diversity and inclusion and serve as an economic anchor for the region by fostering community building and placemaking. Development would include administrative and educational facilities, as well as University related housing, recreation, public event, parking, landscapes and various support spaces that are necessary for a vibrant campus environment.

As part of the cultural resources review of the project under CEQA, we are writing to provide your Tribe with the opportunity to submit any information that you are willing to share about cultural resources that may be in close proximity to the project, especially Tribal Cultural Resources as defined in PRC Section 21074. We understand that the locations of these resources are sensitive and resource locations will not be disclosed in public documents and will be kept confidential as provided for under California Government Code Section 6254.10.

As indicated earlier, this letter also serves as a formal invitation to the United Auburn Indian Community of the Auburn Rancheria to consult with CSU Sacramento regarding the project under AB 52 and PRC Section 21080.3.1. Under PRC Section 21080.3.1, tribes have 30 days to respond to notification letters; if your tribe would like to participate in formal consultation, please notify the undersigned, within 30 calendar days of receipt of this notice.

If a written request is not received within 30 calendar days, the consultation process under PRC Section 21080.3.1 will not take place. CSU Sacramento is, however, committed to working together with your Tribe

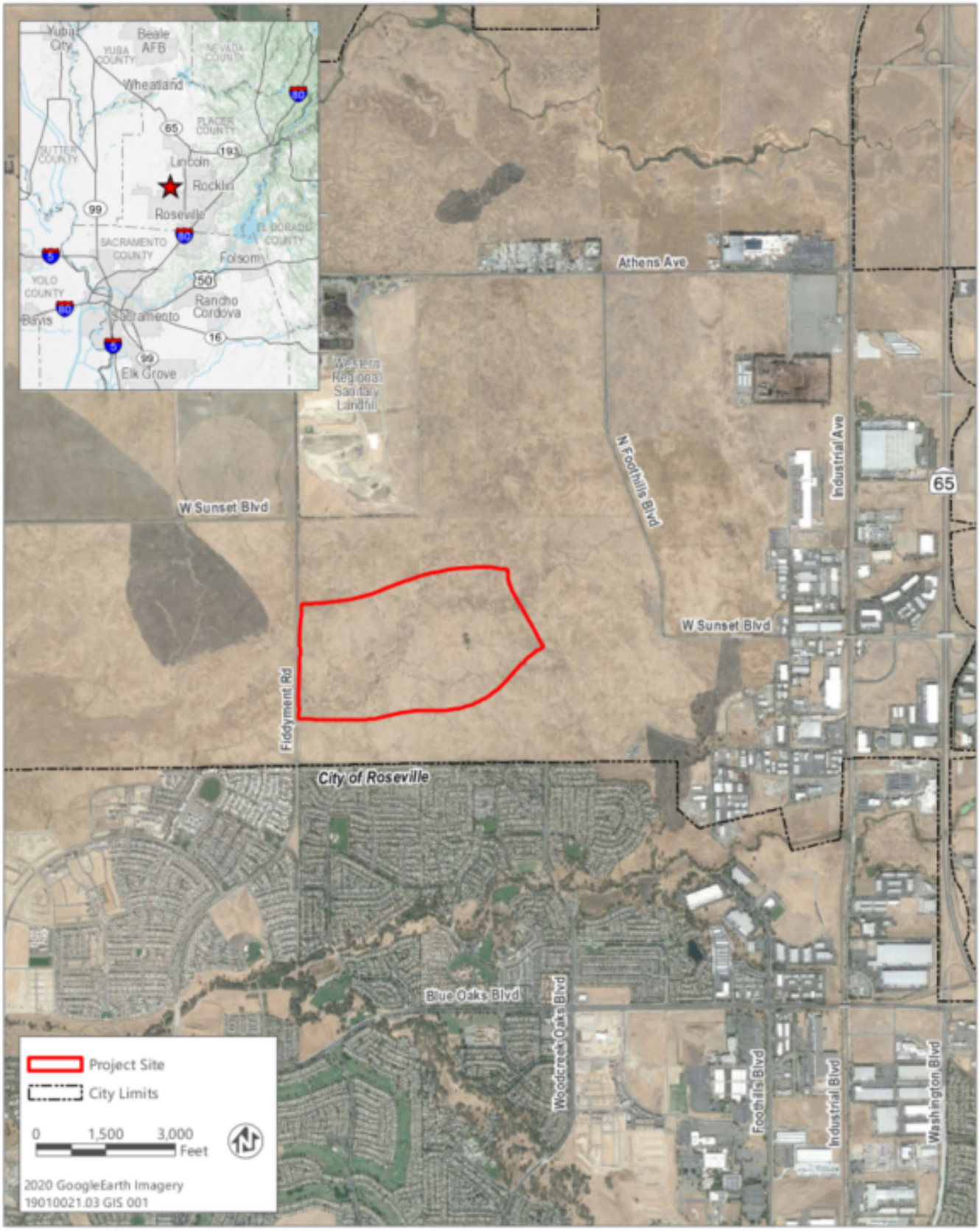
and this notification does not limit the ability of your Tribe to submit information to CSU Sacramento (PRC Section 21080.3.2).

Your comments and concerns are important to us and we look forward to hearing from you. If you have any questions or comments, I can be contacted via email (tania.nunez@csus.edu) or by phone (916) 278-3404).

Respectfully,

Tania Nunez, AIA
Project Manager – Facilities Management
California State University, Sacramento
600 J Street
Sacramento, CA 95819
tania.nunez@csus.edu

SACRAMENTO STATE



Source: adapted by Ascent Environmental in 2021

Figure 1, Sacramento State – Placer Center

SACRAMENTO STATE

California State University, Sacramento
Facilities Management
6000 J Street • Sacramento, CA 95819-6002
Tel (916) 278-6242 • Fax (916)278-5960 • www.csus.edu

June 7, 2021

Darrel Cruz, Director
Washoe Tribe of Nevada & California
919 Highway 395
Gardnerville, NV 89410

Re: **Formal Notification pursuant to Assembly Bill 52 (Public Resources Code 21080.3.1) for the proposed Sacramento State - Placer Center EIR**

Dear Mr. Cruz,

This letter serves as a formal invitation to the Washoe Tribe of Nevada & California (the Tribe) to consult with the California State University (as lead agency, hereinafter "CSU Sacramento") under Assembly Bill 52 (AB 52), pursuant to Public Resources Code (PRC) Section 21080.3.1, on the proposed California State University, The Hub, Sacramento State Research Park EIR (project). In discharging its duties under Section 15021 of the California Environmental Quality Act (CEQA) Guidelines, CSU Sacramento intends to prepare an environmental impact report (EIR), consistent with Section 15161 of the State CEQA Guidelines (Title 14 of the California Code of Regulations, hereinafter the "CEQA Guidelines"), for the project.

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As part of the cultural resources review of the project under CEQA, we are writing to provide your Tribe with the opportunity to submit any information that you are willing to share about cultural resources that may be in close proximity to the project, especially Tribal Cultural Resources as defined in PRC Section 21074. We understand that the locations of these resources are sensitive and resource locations will not be disclosed in public documents and will be kept confidential as provided for under California Government Code Section 6254.10.

As indicated earlier, this letter also serves as a formal invitation to the Washoe Tribe of Nevada & California to consult with CSU Sacramento regarding the project under AB 52 and PRC Section 21080.3.1. Under PRC Section 21080.3.1, tribes have 30 days to respond to notification letters; if your tribe would like to participate in formal consultation, please notify the undersigned, within 30 calendar days of receipt of this notice.

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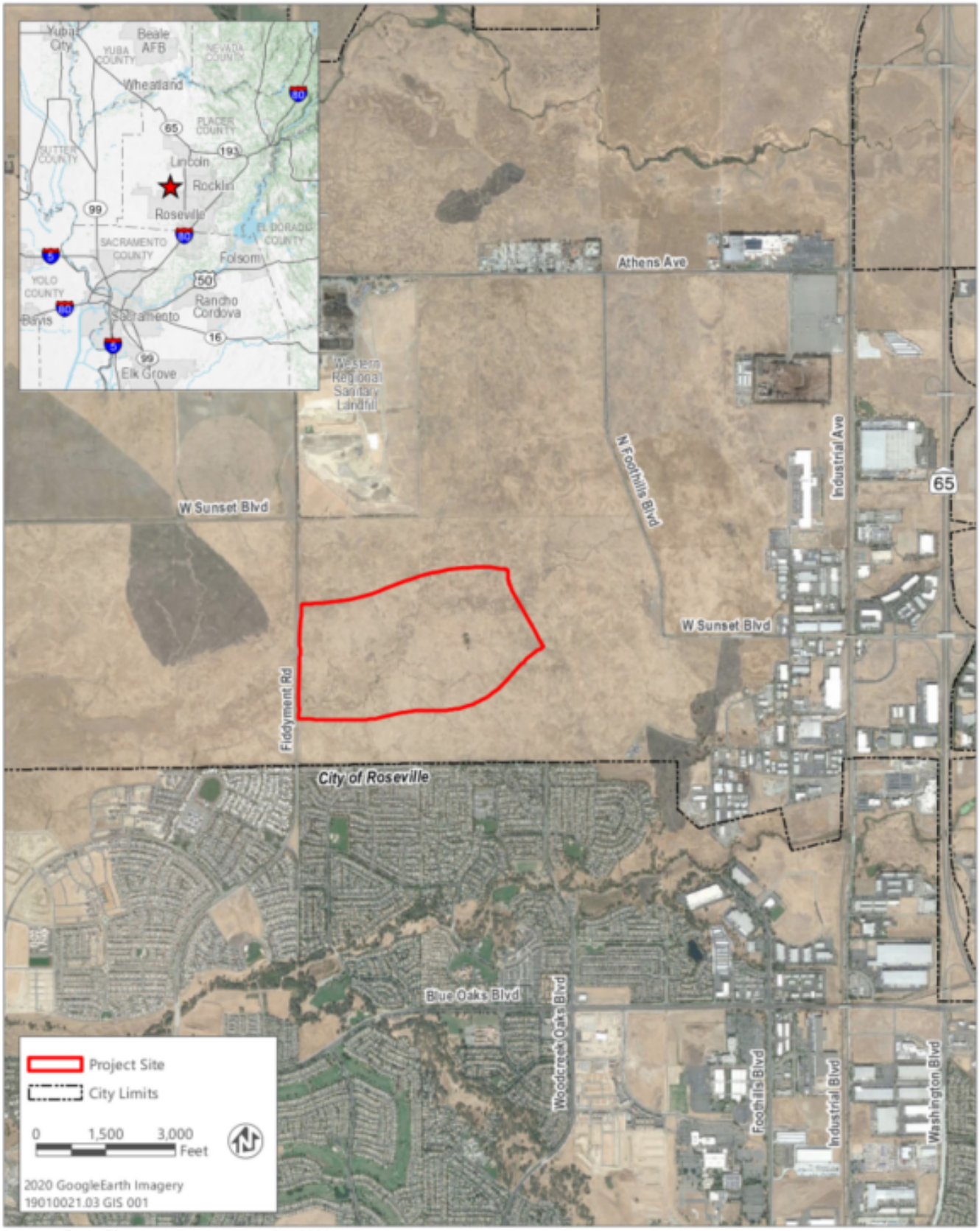
and this notification does not limit the ability of your Tribe to submit information to CSU Sacramento (PRC Section 21080.3.2).

Your comments and concerns are important to us and we look forward to hearing from you. If you have any questions or comments, I can be contacted via email (tania.nunez@csus.edu) or by phone (916) 278-3404).

Respectfully,

Tania Nunez, AIA
Project Manager – Facilities Management
California State University, Sacramento
600 J Street
Sacramento, CA 95819
tania.nunez@csus.edu

SACRAMENTO STATE



Source: adapted by Ascent Environmental in 2021

Figure 1, Sacramento State – Placer Center

SACRAMENTO STATE

California State University, Sacramento
Facilities Management
6000 J Street • Sacramento, CA 95819-6002
Tel (916) 278-6242 • Fax (916)278-5960 • www.csus.edu

June 7, 2021

Anthony Roberts, Tribal Chairman
Yocha Dehe Wintun Nation
P.O. Box 18
Brooks, CA 95606

Re: **Formal Notification pursuant to Assembly Bill 52 (Public Resources Code 21080.3.1) for the proposed Sacramento State - Placer Center EIR**

Dear Chairman Roberts,

This letter serves as a formal invitation to the Yocha Dehe Wintun Nation (the Tribe) to consult with the California State University (as lead agency, hereinafter "CSU Sacramento") under Assembly Bill 52 (AB 52), pursuant to Public Resources Code (PRC) Section 21080.3.1, on the proposed California State University, The Hub, Sacramento State Research Park EIR (project). In discharging its duties under Section 15021 of the California Environmental Quality Act (CEQA) Guidelines, CSU Sacramento intends to prepare an environmental impact report (EIR), consistent with Section 15161 of the State CEQA Guidelines (Title 14 of the California Code of Regulations, hereinafter the "CEQA Guidelines"), for the project.

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As part of the cultural resources review of the project under CEQA, we are writing to provide your Tribe with the opportunity to submit any information that you are willing to share about cultural resources that may be in close proximity to the project, especially Tribal Cultural Resources as defined in PRC Section 21074. We understand that the locations of these resources are sensitive and resource locations will not be disclosed in public documents and will be kept confidential as provided for under California Government Code Section 6254.10.

As indicated earlier, this letter also serves as a formal invitation to the Yocha Dehe Wintun Nation to consult with CSU Sacramento regarding the project under AB 52 and PRC Section 21080.3.1. Under PRC Section 21080.3.1, tribes have 30 days to respond to notification letters; if your tribe would like to participate in formal consultation, please notify the undersigned, within 30 calendar days of receipt of this notice.

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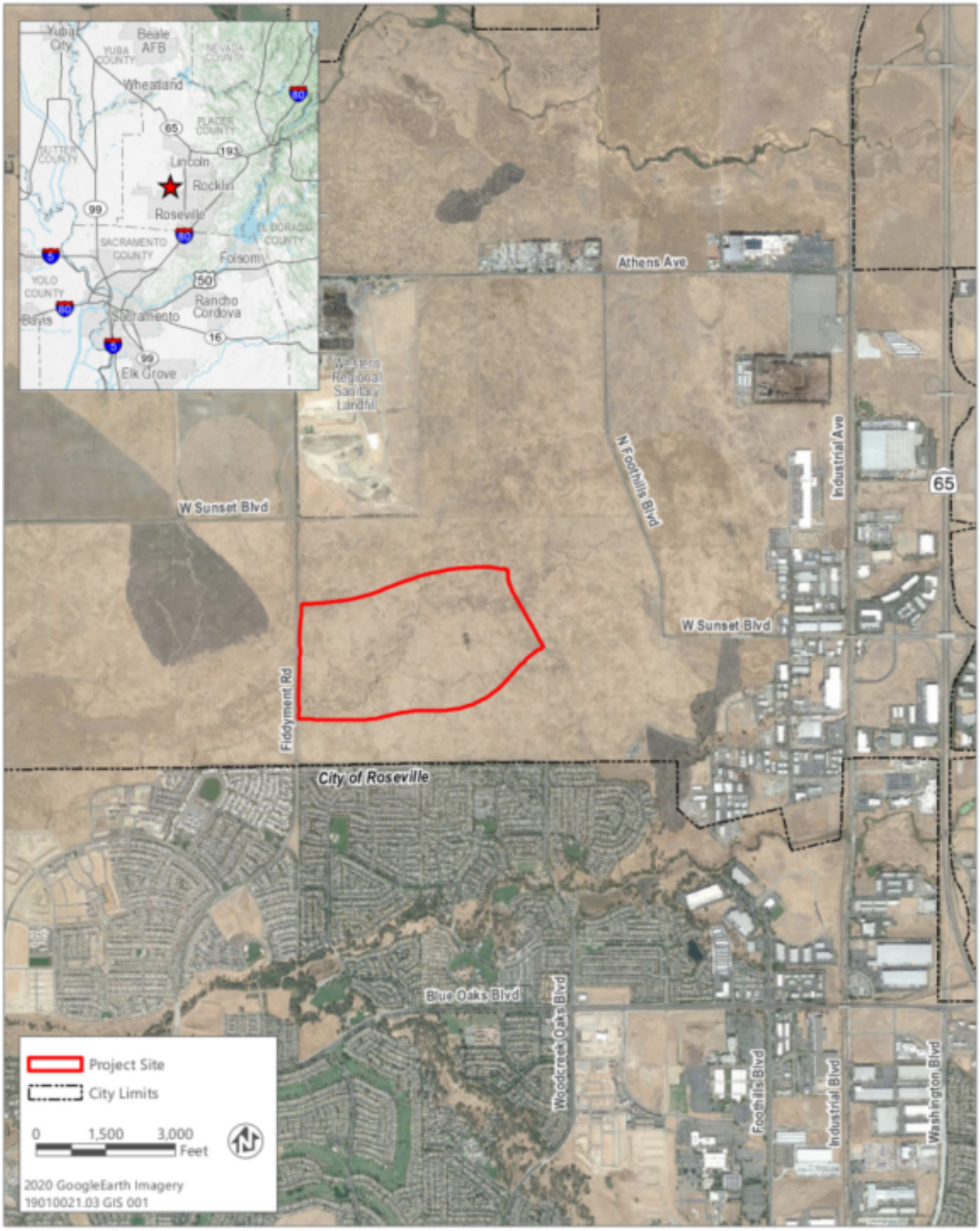
Your comments and concerns are important to us and we look forward to hearing from you. If you have any questions or comments, I can be contacted via email (tania.nunez@csus.edu) or by phone (916) 278-3404).

Respectfully,

Tania Nunez, AIA
Project Manager – Facilities Management
California State University, Sacramento
600 J Street
Sacramento, CA 95819
tania.nunez@csus.edu

SACRAMENTO STATE



Source: adapted by Ascent Environmental in 2021

Figure 1, Sacramento State – Placer Center

From:	Anna Cheng
To:	"Nunez, Tania"
Cc:	Suzanne Enslow; Anna Starkey
Subject:	RE: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR
Date:	Monday, June 7, 2021 4:40:19 PM
Attachments:	image001.png

Dear Ms. Nunez,

On behalf of the United Auburn Indian Community's Tribal Historic Preservation Department, thank you for the notification for the above referenced project. We are aware of the sensitivity in the project area. May you share the project's shapefiles with us so that we can review the project area in our system with more accuracy? Thank you.

Best,
Anna Cheng

From: Nunez, Tania <tania.nunez@csus.edu>
Sent: Monday, June 7, 2021 10:01 AM
To: Brian Guth <bguth@auburnrancheria.com>
Cc: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>
Subject: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR

Good Morning Chairperson Whitehouse,

Please see the attached letter for a formal invitation to consult with the California State University regarding the proposed project, Sacramento State – Placer Center. I will be serving as the main point of contact for the process, and look forward to engaging with you on any input you may have on the project.

Tania Nunez, AIA, CASp| Project Manager – Facilities Management

SACRAMENTO STATE
Redefine the Possible

California State University, Sacramento
6000 J Street, Sacramento CA 95819-6032
T: (916) 278-3404 | F: (916) 278-5229
tania.nunez@csus.edu | www.csus.edu/aba/facilities

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U.S.C. §§ 7001 to 7006 or the Uniform Electronic Transactions Act of any state or the federal government unless a specific statement to the contrary is included in this e-mail.

From:	Suzanne Enslow
To:	"Anna Cheng"; "Nunez, Tania"
Cc:	Anna Starkey; Mike Parker; Kirsten Burrowes
Subject:	RE: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR
Date:	Tuesday, June 8, 2021 4:16:49 PM
Attachments:	Project_Site.zip image001.png 19010021_03_GIS_001_Project_Location.pdf image002.png image003.png image004.png image005.png

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Hi Anna –

Per your request, and with the okay of Tania Nunez at Sacramento State, we are sending you the shapefile for the Sacramento State – Placer Center boundary (as shown on the Project Location PDF). Please see attached.

Best -

Suzanne Enslow
Environmental Planner
Senior Associate
D 916.842.3170 | C 916.661.7935
E Suzanne.Enslow@AscentEnvironmental.com

ASCENT

Ascent Environmental, Inc.
455 Capitol Mall, Suite 300
Sacramento, CA 95814
O 916.444.7301

From: Anna Cheng <acheng@auburnrancheria.com>
Sent: Monday, June 7, 2021 4:40 PM
To: 'Nunez, Tania' <tania.nunez@csus.edu>
Cc: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>; Anna Starkey <astarkey@auburnrancheria.com>
Subject: RE: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR

Dear Ms. Nunez,

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Best,
Anna Cheng

From: Nunez, Tania <tania.nunez@csus.edu>
Sent: Monday, June 7, 2021 10:01 AM
To: Brian Guth <bguth@auburnrancheria.com>
Cc: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>
Subject: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR

Good Morning Chairperson Whitehouse,

Please see the attached letter for a formal invitation to consult with the California State University regarding the proposed project, Sacramento State – Placer Center. I will be serving as the main point of contact for the process, and look forward to engaging with you on any input you may have on the project.

Tania Nunez, AIA, CASp| Project Manager – Facilities Management

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From:	Nunez, Tania
To:	Suzanne Enslow
Subject:	FW: AB52 & NOP: Placer Center EIR
Date:	Wednesday, June 9, 2021 3:45:06 PM
Attachments:	image001.png

FYI...

Tania Nunez, AIA | Project Manager - Facilities Management
California State University, Sacramento

From: Anna Starkey <astarkey@auburnrancheria.com>
Sent: Wednesday, June 09, 2021 2:32 PM
To: Nunez, Tania <tania.nunez@csus.edu>
Cc: Anna Cheng <acheng@auburnrancheria.com>
Subject: AB52 & NOP: Placer Center EIR

Good afternoon Tania,
Thank you for the notification and opportunity to consult for the Placer Center EIR.
The UAIC's Tribal Historic Preservation Department has identified the project area as sensitive for Tribal Cultural Resources (TCRs) and would like to consult under AB 52 to discuss the topics listed in Public Resources Code (PRC) §21080.3.2(a), including project alternatives and mitigation measures for any direct, indirect, or cumulative impacts the project may cause to TCRs.

This email is also a formal request to allow UAIC tribal representatives to observe and participate in all cultural resource surveys, including initial pedestrian surveys for the project. We also request copies of the draft cultural resources reports and results of records searches so that we have the opportunity to comment on identification, assessment, and culturally appropriate treatment related to TCRs and/or cultural resources.

Please respond that our request to consult has been received. Thank you for involving UAIC in the planning process at an early stage. We ask that you make this letter a part of the project record and we look forward to working with you to ensure that TCRs and cultural resources are protected.

Thank you for your time and consideration.
Kind regards,
Anna Starkey

The United Auburn Indian Community is now accepting electronic consultation request, project notifications, and requests for information! Please fill out and submit through our website. Do not mail hard copy letters or documents. https://auburnrancheria.com/programs-services/tribal-preservation ***Bookmark this link!***

Anna M. Starkey, M.A., RPA
Cultural Regulatory Specialist
Tribal Historic Preservation Department| UAIC
10720 Indian Hill Road
Auburn, CA 95603
Direct line: (916) 251-1565 | Cell: (530) 863-6503
astarkey@auburnrancheria.com |www.auburnrancheria.com

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From:	Nunez, Tania
To:	Suzanne Enslow
Cc:	Sydney Coatsworth; Mike Parker; Kirsten Burrowes
Subject:	FW: AB52 & NOP: Placer Center EIR
Date:	Tuesday, June 15, 2021 5:12:11 PM
Attachments:	image001.png

FYI.

Please make sure you coordinate with UAIC and let me know if there is anything you need from me is assisting with this consultation request.

Tania Nunez, AIA, CASp | Project Manager - Facilities Management
California State University, Sacramento

From: Anna Starkey <astarkey@auburnrancheria.com>
Sent: Tuesday, June 15, 2021 5:01 PM
To: Nunez, Tania <tania.nunez@csus.edu>
Cc: Anna Cheng <acheng@auburnrancheria.com>
Subject: RE: AB52 & NOP: Placer Center EIR

Good afternoon,
I am following up with you regarding AB52 consultation and the NOP for the Placer Center EIR. I've forwarded your information to our Tribal Heritage Department who will coordinate a site visit with you. Can you please provide me with the project timeline?

For the NOP of the EIR, UAIC has the following comments:

We ask that the Cultural Resources and Tribal Cultural Resources (TCR) chapter are separate and distinct, and not combined into a single chapter. We ask that the TCR chapter does not include a rehash of the same background information as the Cultural Resources chapter. Rather that it focuses on the contemporary tribal communities that stewards and cares for their ancestors sites. Please let me know if you require additional details on what is expected in the TCR chapter.

Mitigation measures for TCRs should be separate and distinct from cultural resources and not combined into the same mitigation measures.

UAIC identifies, but not limited to, the following as TCRs:

- Indigenous archaeological sites
- Midden soils/disturbed midden soils
- Burials, cremations, and all related burial or ceremonial items
- Burial soils
- Isolated artifacts
- Cultural landscapes
- Significant native plants/gathering areas

UAIC reiterates that California Native American tribes traditionally and culturally affiliated with a geographic area may have expertise concerning their tribal cultural resources (PRC Section 21080.3.1). This means that archaeologists shall not identify, evaluate, or make recommendations for cultural items or sites that are considered TCRs.

Thank you for involving UAIC in the planning process at an early stage. We ask that you make this letter a part of the project record and we look forward to working with you to ensure that TCRs and cultural resources are protected.

Kind regards,
Anna Starkey

The United Auburn Indian Community is now accepting electronic consultation request, project notifications, and requests for information! Please fill out and submit through our website. Do not mail hard copy letters or documents. https://auburnrancheria.com/programs-services/tribal-preservation ***Bookmark this link!***

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10720 Indian Hill Road
Auburn, CA 95603
Direct line: (916) 251-1565 | Cell: (530) 863-6503
astarkey@auburnrancheria.com |www.auburnrancheria.com

From: Nunez, Tania <tania.nunez@csus.edu>
Sent: Thursday, June 10, 2021 12:16 PM
To: Anna Starkey <astarkey@auburnrancheria.com>
Cc: Anna Cheng <acheng@auburnrancheria.com>
Subject: RE: AB52 & NOP: Placer Center EIR

Hi Anna,

Thank you for your response indicating desire to consult under AB 52. We will coordinate with you for consultation as we continue with our process. Our consultant, Ascent, has been made aware of your request as well.

We look forward to working with you in the months to come.

Tania Nunez, AIA, CASp| Project Manager - Facilities Management
California State University, Sacramento

From: Anna Starkey <astarkey@auburnrancheria.com>
Sent: Wednesday, June 9, 2021 2:32 PM
To: Nunez, Tania <tania.nunez@csus.edu>
Cc: Anna Cheng <acheng@auburnrancheria.com>
Subject: AB52 & NOP: Placer Center EIR

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Anna Starkey

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From:	Nunez, Tania
To:	Anna Starkey; Suzanne Enslow; "Phil Hanes"
Cc:	Mike Parker; Sydney Coatsworth; Kirsten Burrowes; Anna Cheng
Subject:	RE: Placer Center
Date:	Monday, July 26, 2021 8:51:38 PM
Attachments:	image001.png image002.png

Hi Anna,

Thank you for your coordination on the field survey and for your input on the identification and evaluation of tribal cultural resources. We will be preparing a stand-alone resource section for tribal cultural resources in the EIR and will be documenting the AB 52 consultation.

We look forward to continuing to coordinate with you on the Sacramento State – Placer Center project, and appreciate your time on site tomorrow.

Tania Nunez, AIA, CASp | Project Manager - Facilities Management
California State University, Sacramento

From: Anna Starkey <astarkey@auburnrancheria.com>
Sent: Friday, July 23, 2021 11:09 AM
To: Nunez, Tania <tania.nunez@csus.edu>; Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>; 'Phil Hanes' <phil@naturalinvestigations.com>
Cc: Mike Parker <mike.parker@ascentenvironmental.com>; Sydney Coatsworth <sydney.coatsworth@ascentenvironmental.com>; Kirsten Burrowes <kirsten.burrowes@ascentenvironmental.com>; Anna Cheng <acheng@auburnrancheria.com>
Subject: RE: Placer Center

Good afternoon,
Thank you all for the cooperation and easy coordination for next week's field survey. I wanted a quick reminder, especially for CEQA practitioners, that requiring a survey for the identification of tribal cultural resources should be no less vigorous and important than for cultural/archaeological resources. Each individual chapter is unique and should be treated as such.

UAIC is starting to request that a separate report or appendix be prepared that shows the tribal consultation and demonstrates the good faith effort in the identification, evaluation, and treatment of tribal cultural resources. If none are identified, this also needs to be appropriately demonstrated. Currently, UAIC does not charge for its professional services, such as records search for TCRs, survey for the identification of TCRs, and workers awareness training. Therefore, we leave it up to the consultants to prepare the TCR report or appendix, collaborating with consultation with tribes.

Please let me know if you have any questions or concerns.

Thank you for your time and consideration.
Kind regards,
Anna

The United Auburn Indian Community is now accepting electronic consultation request, project notifications, and requests for information! Please fill out and submit through our website. Do not mail hard copy letters or documents. https://auburnrancheria.com/programs-services/tribal-preservation ***Bookmark this link!***

Anna M. Starkey, M.A., RPA
Cultural Regulatory Specialist
Tribal Historic Preservation Department| UAIC
10720 Indian Hill Road
Auburn, CA 95603
Direct line: (916) 251-1565 | Cell: (530) 863-6503
astarkey@auburnrancheria.com |www.auburnrancheria.com

From: Nunez, Tania <tania.nunez@csus.edu>
Sent: Friday, July 23, 2021 10:18 AM
To: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>; 'Phil Hanes' <phil@naturalinvestigations.com>
Cc: Anna Starkey <astarkey@auburnrancheria.com>; Mike Parker <mike.parker@ascentenvironmental.com>; Sydney Coatsworth <sydney.coatsworth@ascentenvironmental.com>; Kirsten Burrowes <kirsten.burrowes@ascentenvironmental.com>
Subject: RE: Placer Center

Contacting me by email, or cell 408-768-7620, will be fine. I will be available to contact others if necessary. Of course, if there is an emergency of some type, emergency services should be contacted.

Tania Nunez, AIA | Project Manager - Facilities Management
California State University, Sacramento

From: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>
Sent: Thursday, July 22, 2021 6:16 PM
To: 'Phil Hanes' <phil@naturalinvestigations.com>
Cc: Anna Starkey <astarkey@auburnrancheria.com>; Nunez, Tania <tania.nunez@csus.edu>; Mike Parker <mike.parker@ascentenvironmental.com>; Sydney Coatsworth <sydney.coatsworth@ascentenvironmental.com>; Kirsten Burrowes <kirsten.burrowes@ascentenvironmental.com>
Subject: RE: Placer Center

Hi Phil and Anna –

I am glad the survey is scheduled and that UAIC will join on Tuesday. Please note that Tania will be out on vacation next week, but I will be in the office, so please reach out if needed.

Tania – please let us know if there is any other input or another contact name/number that we should have should any issues arise.

Thanks everyone -

Suzanne Enslow
Environmental Planner
Senior Associate
D 916.842.3170 | C 916.661.7935
E Suzanne.Enslow@AscentEnvironmental.com

From: Phil Hanes <phil@naturalinvestigations.com>
Sent: Wednesday, July 21, 2021 7:25 PM
To: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>
Cc: Anna Starkey <astarkey@auburnrancheria.com>; tania.nunez@csus.edu
Subject: Placer Center

Good evening Suzanne, I just wanted to confirm everything for next weeks survey for Placer Center. We are a go for the cultural survey on Monday 7/26 through Wednesday 7/28. UAIC will be attending the survey on Tuesday 7/27. We will be accessing the property through the Fiddyment road gate as requested. Please let me know if you have any questions or concerns.
Sincerely,
Phil

Phil Hanes, MA, RPA
Project Manager / Senior Archaeologist
(303) 905-6588
phil@naturalinvestigations.com
Natural Investigation CO.
3104 O Street #221
Sacramento, CA 95816

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From:	Sara A. Dutschke
To:	Nunez, Tania
Cc:	Suzanne Enslow; Consultation
Subject:	Re: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR
Date:	Monday, June 7, 2021 10:25:03 AM
Attachments:	image001.png

Thank you. Please include consultation@ionemiwok.net moving forward -- this is our email address for project consulation.

Sara A. Dutschke
Chairperson
Ione Band of Miwok Indians
9252 Bush Street
Plymouth, CA 95669-0699
Direct: 209-255-8005
Mobile: 209-256-9799
Email: sara@ionemiwok.net

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From: Nunez, Tania <tania.nunez@csus.edu>
Sent: Monday, June 7, 2021 10:00 AM
To: Sara A. Dutschke <sara@ionemiwok.net>
Cc: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>
Subject: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR

Good Morning Chairperson Setshwaelo,

Please see the attached letter for a formal invitation to consult with the California State University regarding the proposed project, Sacramento State – Placer Center. I will be serving as the main point of contact for the process, and look forward to engaging with you on any input you may have on the project.

Tania Nunez, AIA, CASp | Project Manager – Facilities Management

SACRAMENTO STATE
Redefine the Possible

California State University, Sacramento
6000 J Street, Sacramento CA 95819-6032
T: (916) 278-3404 | F: (916) 278-5229

tania.nunez@csus.edu | www.csus.edu/aba/facilities

From:	Darrel Cruz
To:	Nunez, Tania
Cc:	Suzanne Enslow
Subject:	RE: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR
Date:	Tuesday, June 8, 2021 10:08:13 AM
Attachments:	image001.png

Hello Tania,
Thank you for consulting with the Washoe Tribe of Nevada and California. At this time we have no interest and defer this project to the United Auburn Indian Community.

Darrel

Darrel Cruz, Director
THPO/CRO
Washoe Tribe of NV & CA
919 Highway 395
Gardnerville, NV. 89410
P. (775) 265-8600
C. (775) 546-3421
darrel.cruz@washoetribe.us

From: Nunez, Tania [mailto:tania.nunez@csus.edu]
Sent: Monday, June 07, 2021 10:01 AM
To: Darrel Cruz <Darrel.Cruz@washoetribe.us>
Cc: Suzanne Enslow <suzanne.enslow@ascentenvironmental.com>
Subject: Assembly Bill 42 Formal Notification for Sacramento State - Placer Center EIR

Good Morning Mr. Cruz,

Please see the attached letter for a formal invitation to consult with the California State University regarding the proposed project, Sacramento State – Placer Center. I will be serving as the main point of contact for the process, and look forward to engaging with you on any input you may have on the project.

Tania Nunez, AIA, CASp | Project Manager – Facilities Management

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