INITIAL STUDY/MITIGATED NEGATIVE DECLARATION

HILMAR BIOGAS CLUSTER PROJECT

PREPARED FOR:

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Chapter 1
Introduction and Overview

1.1 Overview

Merced County (County) has prepared this initial study/mitigated negative declaration (IS/MND) to evaluate the potential environmental consequences associated with the Hilmar Biogas Cluster Project (Project).

Hilmar Dairy Biogas LLC (Applicant) is proposing the Project in the region northwest of Hilmar, CA (Figure 1-1). The purpose of the proposed Project is to deliver and process biogas (mostly methane and CO_2) for the generation of renewable compressed natural gas (RCNG). The Project involves a new Conditional Use Permit (CUP) to allow these uses.

This Project would include a central biogas processing plant (Plant) as well as a low-pressure (less than 20 pounds per square inch) biogas pipeline (Pipeline). The Pipeline would collect biogas from nearby anaerobic dairy digesters and deliver it to the Plant. The Plant would collect and process biogas delivered via the Pipeline. After the biogas has been processed and conditioned to RCNG standards, it would be injected into the existing natural gas transmission line at the PG&E point of receipt (Interconnection Point) and sold for offsite use.

There are no current plans of expansion, but the system has been designed to accommodate connection to additional anaerobic dairy digesters in the future.

1.2 2030 Merced County General Plan and EIR

The 2030 Merced County General Plan (Merced County 2013a) is a comprehensive and long-term planning document which provides a blueprint for all future land use, development, preservation, and resource conservation decisions in the County through a horizon year of 2030. The 2030 General Plan Environmental Impact Report (EIR) (Merced County 2013b) evaluated the environmental effects that would result from implementing the 2030 General Plan, including approval of new or modified land uses that would comply with the plan. A December 2013 Background Report (Mintier Harnish 2013) describes existing environmental conditions for the 2030 General Plan, and this document also provides the existing setting for the 2030 General Plan EIR.

Merced County certified the 2030 General Plan EIR (Merced County 2013b) and adopted the 2030 General Plan in December 2013. Mitigation measures identified in the 2030 General Plan EIR to avoid or reduce the magnitude of significant impacts were subsequently adopted by the County in a Mitigation Monitoring and Reporting Program. The General Plan, General Plan EIR, and Background Report are available at the Merced County General Plan website: https://www.co.merced.ca.us/100/General-Plan. Copies of these documents are also available at the Merced County Department of Community and Economic Development, 2222 “M” Street, Merced, CA 95340.

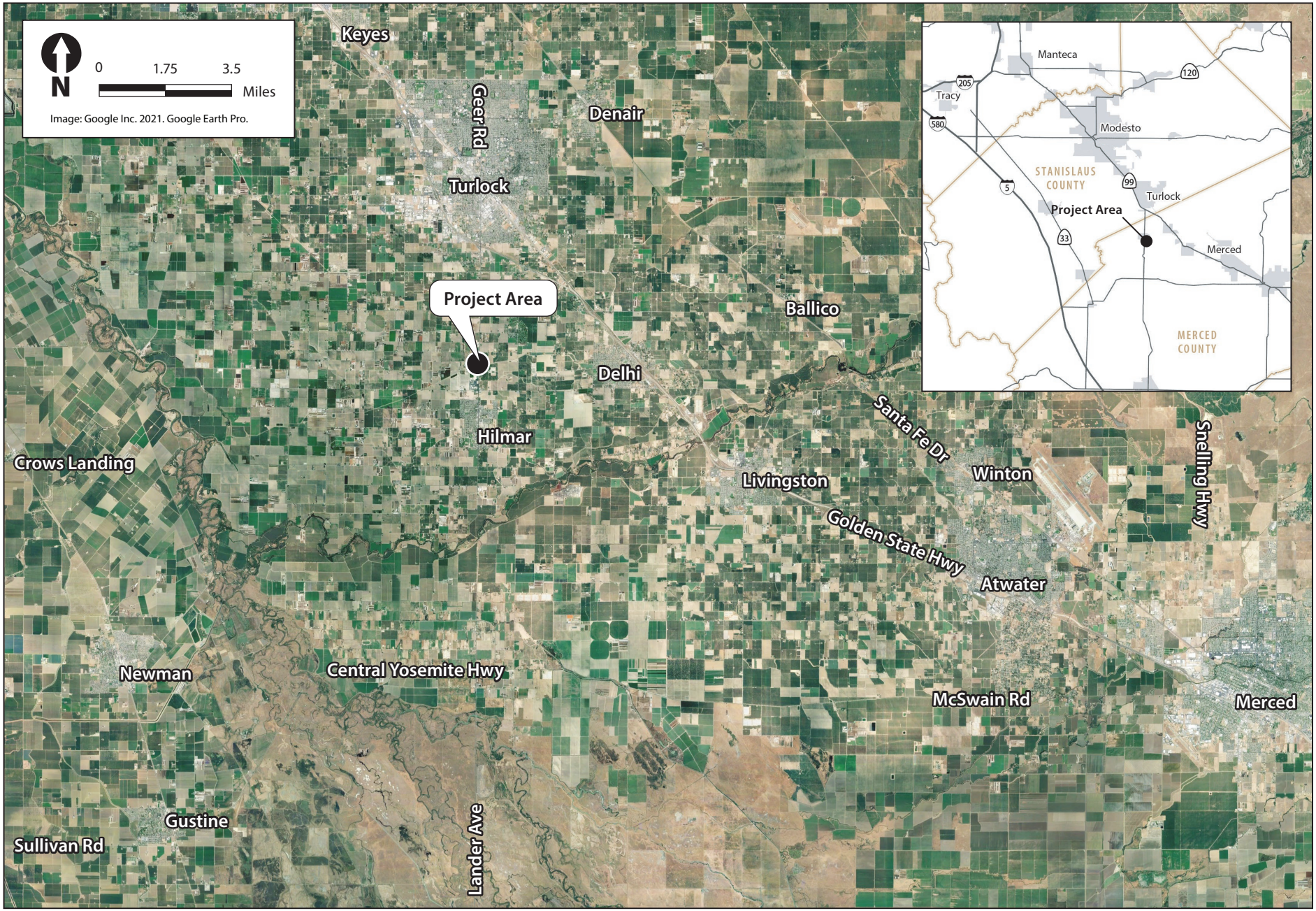

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Figure 1-1
Project Vicinity

1.3 CEQA Requirements for Projects Consistent with the General Plan and Zoning

CEQA Guidelines Chapter 15183 sets forth parameters for environmental analysis for projects that are consistent with a planning document or zoning as follows:

> (a) CEQA mandates that projects which are consistent with the development density established by existing zoning, community plan, or general plan policies for which an EIR was certified shall not require additional environmental review, except as might be necessary to examine whether there are project-specific significant effects which are peculiar to the project or its site. This streamlines the review of such projects and reduces the need to prepare repetitive environmental studies.
>
> (b) In approving a project meeting the requirements of this section, a public agency shall limit its examination of environmental effects to those which the agency determines, in an initial study or other analysis:
>
> (1) Are peculiar to the project or the parcel on which the project would be located,
>
> (2) Were not analyzed as significant effects in a prior EIR on the zoning action, general plan, or community plan, with which the project is consistent,
>
> (3) Are potentially significant offsite impacts and cumulative impacts which were not discussed in the prior EIR prepared for the general plan, community plan or zoning action, or
>
> (4) Are previously identified significant effects which, as a result of substantial new information which was not known at the time the EIR was certified, are determined to have a more severe adverse impact than discussed in the prior EIR.
>
> (c) If an impact is not peculiar to the parcel or to the project, has been addressed as a significant effect in the prior EIR, or can be substantially mitigated by the imposition of uniformly applied development policies or standards, as contemplated by subdivision (e) below, then an additional EIR need not be prepared for the project solely on the basis of that impact.
>
> (d) This section shall apply only to projects which meet the following conditions:
>
> (1) The project is consistent with:
>
> (A) A community plan adopted as part of a general plan,
>
> (B) A zoning action which zoned or designated the parcel on which the project would be located to accommodate a particular density of development, or
>
> (C) A general plan of a local agency, and
>
> (2) An EIR was certified by the lead agency for the zoning action, the community plan, or the general plan.

The proposed Project is consistent with the 2030 Merced County General Plan (Merced County 2013a) and zoning code; there are no adopted community plans applicable to the Project. Therefore, the Project meets the requirements of Section 15183 (d)(1)(C). In compliance with State CEQA Guidelines Section 15183, this IS/MND will focus on those impacts that:

- are peculiar to the Project or the locations on which it would be constructed,
- would result from construction and operation of the Project but which were not previously analyzed in the 2030 General Plan EIR,

- are potentially significant offsite or cumulative in nature but which were not previously analyzed in the 2030 General Plan EIR, and
- would be more severe than indicated in the 2030 General Plan EIR.

1.4 Tiering from the 2030 Merced County General Plan EIR

The preparation of this IS/MND is governed by two principal sets of documents: CEQA (Public Resources Code Section 21000, et seq.) and the State CEQA Guidelines (California Code of Regulations [CCR] Section 15000, et seq.). Where appropriate and supportive to an understanding of the issues, reference will be made either to the statute, the State CEQA Guidelines, or appropriate case law. State CEQA Guidelines Section 15152 encourages lead agencies to tier the environmental analysis for later actions from separate but related projects, including general plans. As provided in State CEQA Guidelines Section 15152(b):

> "Tiering is appropriate when the sequence of analysis is from an EIR prepared for a general plan, policy, or program to an EIR or negative declaration for another plan, policy, or program of lesser scope, or to a site-specific EIR or negative declaration. Tiering does not excuse the lead agency from adequately analyzing reasonably foreseeable significant environmental effects of the project and does not justify deferring such analysis to a later tier EIR or negative declaration. However, the level of detail contained in a first tier EIR need not be greater than that of the program, plan, policy, or ordinance being analyzed."

As such, the environmental analysis for this Project tiers from and relies upon the Merced County 2030 General Plan EIR for the following:

- general background and setting information for some environmental topic areas,
- issues that were evaluated in detail in the 2030 General Plan EIR for which there has been no significant new information or change in circumstances that would require further analysis,
- assessment of cumulative impacts, and
- mitigation measures adopted and incorporated into the 2030 General Plan EIR.

This IS/MND, as required by CEQA, contains:

- a project description describing the proposed action,
- a description of the environmental setting with references to information provided in the 2030 General Plan EIR, including the Background Report, which are incorporated by reference pursuant to State CEQA Guidelines 15150,
- potential environmental impacts, including cumulative impacts,
- mitigation measures designed to reduce or eliminate potentially significant environmental impacts, structured in accordance with the criteria in Section 15370 of the State CEQA Guidelines, and
- a discussion of consistency of the project with relevant plans and policies.

1.5 Significant Impacts Identified in the 2030 Merced County General Plan EIR

The 2030 Merced County General Plan Program EIR (Merced County 2013b) assesses the environmental impacts that would result from implementing the 2030 General Plan. The 2030 General Plan EIR identified the following significant impacts on the environment that would result from implementing the 2030 General Plan.

- **Aesthetics and Visual Resources:** Less-than-significant impacts pertaining to light and glare after mitigation. Cumulative impacts to visual quality would be less than significant with the implementation of mitigation.
- **Agricultural and Forestry Resources:** Conversion of Important Farmland to non-agriculture use, land use changes that would result in conversion of farmland to non-agricultural uses from urban development and from Minor Subdivision of Rural Parcels, and conversion of Farmland as a result of inadequate parcel sizes would result in significant and unavoidable impacts. Potential conflicts with existing zoning for agricultural use or provisions of the Williamson Act contracts would result in less-than-significant impacts with the implementation of mitigation. Cumulative impacts to agricultural resources would be significant and unavoidable.
- **Air Resources:** Operational emissions of PM10 and PM2.5 associated with General Plan buildout would result in significant and unavoidable impacts. Increased health risks associated with locating sensitive receptors near high volume roads would result in less-than-significant impacts with the implementation of mitigation. Cumulative impacts to air quality would be significant and unavoidable.
- **Biological Resources:** Adverse effects to special status species and sensitive habitats due to conversion of farmlands and open space and adverse effect on wetlands, riparian habitat, and other sensitive natural communities would result in significant and unavoidable impacts. Impacts related to a loss or modification of federally protected wetlands and interference with animal movement/migration patterns would be reduced to less-than-significant levels with the implementation of mitigation. Cumulative impacts to biological resources would be potentially significant and unavoidable.
- **Historical and Cultural Resources:** Impacts associated with the following would be reduced to less-than-significant levels with the implementation of mitigation: adverse changes to the significance of a historical resource; adverse change in the significance of archaeological resources, paleontological resources, unique geological features, or disturbances to human remains; and degradation or loss of traditional cultural properties where Native American customs and traditions are practiced. Cumulative impacts to cultural resources would be less than significant with the implementation of mitigation.
- **Geology, Soils, and Mineral Resources:** Impacts associated with the use of septic tanks or alternative wastewater disposal systems in unfit soils that may result in increased nutrients or other pollutants reaching and damaging groundwater resources would be reduced to less-than-significant levels with the implementation of mitigation. Cumulative impacts related to geology, soils, and minerals would be less than significant.
- **Global Climate Change:** Impacts associated with increases in GHG emissions associated with 2030 General Plan buildout and increases in GHG emissions that would conflict with an

applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions would be significant and unavoidable. Cumulative impacts to global climate change would be significant and unavoidable.

- **Hazards and Hazardous Materials:** Impacts associated with projects located on a site that is included on a list of hazardous materials sites, resulting in a significant hazard to the public or to the environment; and projects located within an airport land use plan or within the vicinity of a public or private airport, resulting in a safety hazard for people working or residing in the area would be reduced to less than significant with the implementation of mitigation. Cumulative impacts related to hazards and hazardous materials would be less than significant.
- **Hydrology and Water Resources:** Impacts associated with a depletion of groundwater supplies or interference with groundwater recharge would be significant and unavoidable. Impacts associated with a modification of surface water drainage patterns resulting in detrimental flooding or substantial erosion or siltation would be reduced to less-than-significant levels with the implementation of mitigation. Cumulative impacts to hydrology and water quality would be significant and unavoidable.
- **Land Use:** Impacts associated with a physical division of an established community would be reduced to less-than-significant levels with the implementation of mitigation. Cumulative impacts on land use would be less than significant.
- **Noise:** Permanent increase in ambient noise levels and traffic noise level increases at existing sensitive uses caused by development consistent with the 2030 General Plan would result in significant and unavoidable impacts. Exposure of people to, or generation of excessive groundborne vibration or groundborne noise levels would be reduced to less-than-significant levels with the implementation of mitigation. Cumulative impacts related to noise would be significant and unavoidable.
- **Population and Housing:** Impacts associated with inducement of direct or indirect population growth would be reduced to less-than-significant levels with implementation of mitigation. Displacement of substantial amounts of population and housing units would result in less-than-significant impacts. Cumulative impacts to population and housing would be less than significant.
- **Transportation:** Conflicts with an applicable plan, ordinance or policy establishing measures of effectiveness of county roads, State Highways, or streets within incorporated cities in Merced County would result in significant and unavoidable impacts. Increases in hazards due to design features and impacts resulting in inadequate emergency access would be reduce to less-than-significant levels with the implementation of mitigation. Cumulative impacts to transportation would be significant and unavoidable.
- **Utilities and Service Systems:** Impacts related to sufficient water supply resources available to accommodate continued development through buildout of the 2030 General Plan would be significant and unavoidable. Cumulative impacts to utilities and service systems would be significant and unavoidable.

1.6 Scope of this IS/MND

As described in Sections 1.3 and 1.4, this IS/MND tiers from and incorporates by reference the 2030 Merced County General Plan EIR (Merced County 2013b) and associated Background Report (Merced County 2013c). In accordance with State CEQA Guidelines Section 15183, this IS/MND will address impacts that are peculiar to the Project or Project site, were not previously analyzed, or which would be more severe than previously indicated in the 2030 General Plan EIR. This analysis will be provided for each resource topic:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Wildfire

1.7 Impact Terminology

The following terminology is used to describe the level of significance of impacts.

- A finding of no impact is appropriate if the analysis concludes that the Project would not affect the particular topic area in any way.

- An impact is considered less-than-significant if the analysis concludes that it would cause no substantial adverse change to the environment and requires no mitigation.
- An impact is considered less-than-significant with mitigation incorporated if the analysis concludes that it would cause no substantial adverse change to the environment with the inclusion of environmental commitments or other enforceable measures that have been agreed to by the Applicant.
- An impact is considered potentially significant if the analysis concludes that it could have a substantial adverse effect on the environment. For the Project, no impacts were determined to be potentially significant.

1.8 IS/MND Organization

The content and format of this report are designed to meet the requirements of CEQA. The MND consists of the findings that the Project, as mitigated, would have no significant impacts. The bulk of this IS/MND consists of the initial study and supporting studies. This report contains the following sections.

- Chapter 1, *Introduction and Overview*, identifies the purpose and scope of the IS/MND and the terminology used in the report.
- Chapter 2, *Project Description*, identities the location, background, and planning objectives of the Project and describes it in detail.
- Chapter 3, *Environmental Checklist*, presents the checklist responses for each resource topic. This section includes a brief setting section for each resource topic and identifies the impacts of implementing the Project.
- Chapter 4, *References*, identifies all printed references and individuals cited in this IS/MND.
- Chapter 5, *List of Preparers*, identifies the individuals who prepared this report and their areas of technical specialty.

Chapter 2
Project Description

2.1 Project History and Project Overview

Hilmar Dairy Biogas LLC (Applicant) plans to develop the Hilmar Biogas Cluster Project (Project), which would gather and process biogas from seven digester projects for eight dairies. The Applicant is proposing the Project in the region northwest of Hilmar, CA (Figure 1-1). The purpose of the Project is to deliver and process biogas (mostly methane and carbon dioxide) for the generation of renewable compressed natural gas (RCNG). The Project involves a new Conditional Use Permit (CUP) to allow these uses.

2.2 Project Location

The proposed location for the Plant is on approximately 3.0 acres of property owned by the Hilmar Cheese Company (HCC), northwest of the intersection of August Avenue and Lander Avenue in Hilmar, CA, adjacent to the southern boundary of the Turlock Irrigation District ditch/property (Figure 1-1). The Plant would be constructed adjacent to the north of the facilities approved as part of MM11-014 to CUP 08-011, which was evaluated in a 2019 IS/MND (Merced County 2019).

The Plant would not interfere with the primary operations of HCC, which produces dairy products to consumers around the world. The Project site would be leased by Hilmar Dairy Biogas LLC and operate independently of the HCC business operations.

The underground Pipeline would connect the dairy digesters to the Plant via farm roads and public roads (Figure 2-1). It would extend as far west as Ahlem Farms Partnership located between Prairie Flower Road and Faith Home Road, as far south as Vierra Farms Dairy located between Williams and Geer Road, and as far north and east as the Plant.

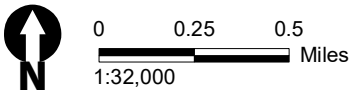
2.3 Existing Conditions and Surrounding Land Uses

The proposed Plant would be constructed on land that is currently in agricultural production. The Plant site is located on flat topography directly north of the HCC facility at the corner of Lander Avenue and August Avenue (Figure 2-2). The Plant would be constructed adjacent to the planned HCC production facilities approved as part of MM11-014 to CUP 08-011 (Merced County 2019). The Interconnection Point would be located adjacent to the Plant on the same parcel.

The buried Pipeline would connect the dairy digesters to the Plant. The Pipeline would be installed underground along farm roads on private property for connection to the dairy digesters as well as adjacent to roads within County roadway rights-of-way. The Pipeline would cross existing agricultural canals at four locations and County-maintained roads at nine locations (Figure 2-2). The entirety of the Pipeline alignment is under General Agricultural (A-1) and Agricultural (A) zoning. All properties surrounding the Plant are also under A-1 and A zoning.

Legend

- Biogas Pipeline
- Hilmar Biogas Plant



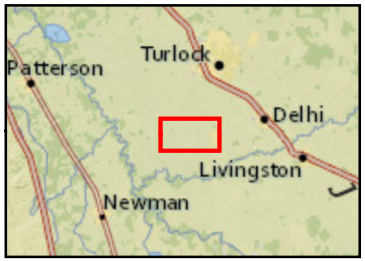


Figure 2-1
Project Area

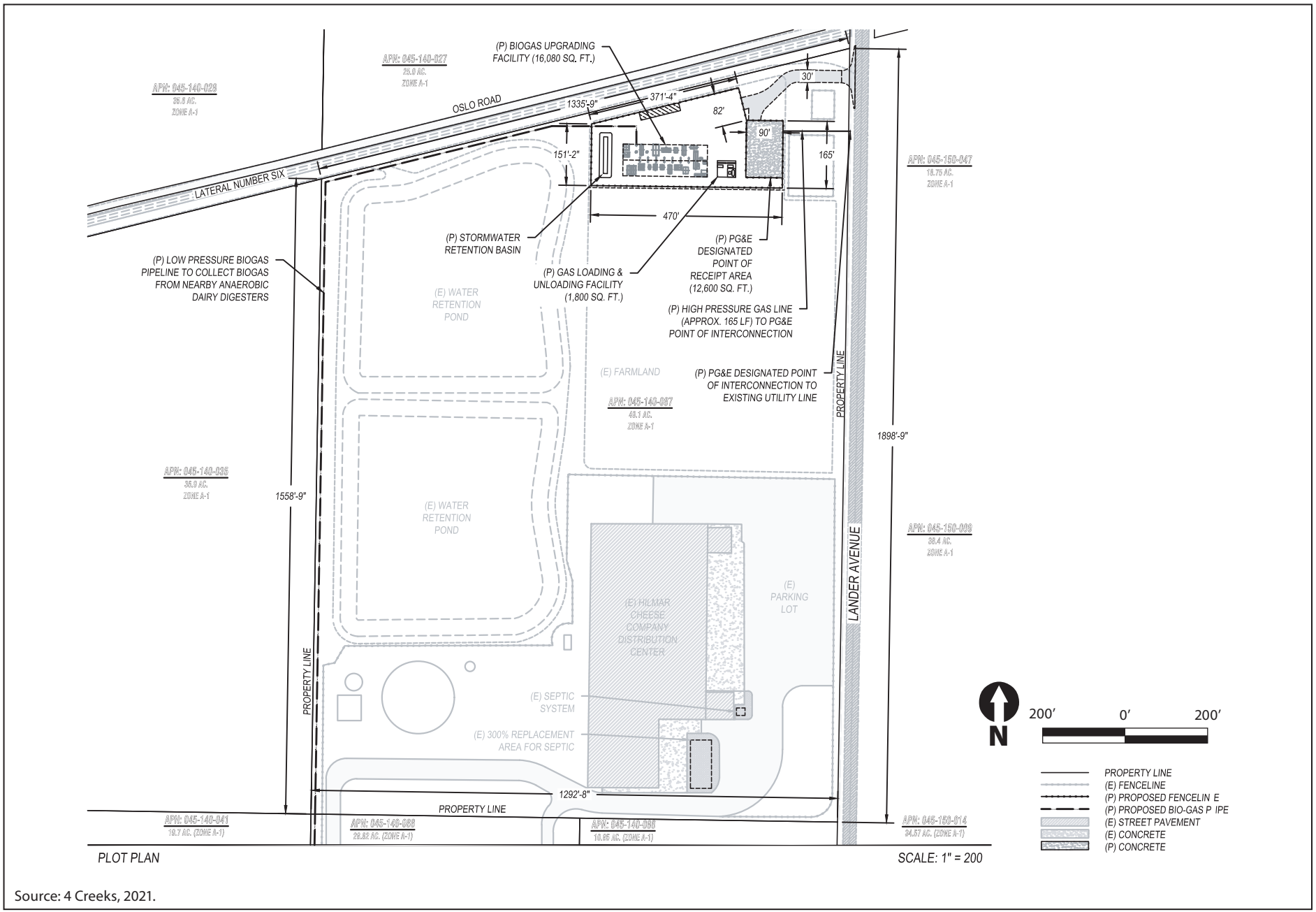


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Figure 2-2
Proposed Plant

2.4 Proposed Project

2.4.1 Description of the Proposed Project

The proposed Plant would include a biogas upgrade Plant, stormwater retention basin, and Pacific Gas and Electric (PG&E) point-of-receipt (POR) area (see complete equipment summary below under *Biogas Processing Plant* and *Interconnection Point*). In addition, the proposed Project proposes a gathering low-pressure Pipeline that would deliver biogas from a total of seven anaerobic dairy digesters to the Plant.

No buildings are proposed. The concrete pads for the biogas upgrade equipment and the PG&E POR interconnection equipment are to be constructed to the anticipated dimensions of 207 feet by 78 feet and 140 feet by 90 feet, respectively. These dimensions/pad sizes are subject to change, based on final design.

2.4.1.1 Dairy Digesters

The owners of eight dairy facilities near Hilmar have committed to constructing seven anaerobic digesters with small gas dehydration skids to capture biogas for delivery to the Pipeline (Figure 2-1) (Clauss Dairy Farms and Sunwest Jersey Dairy to share a digester). The anaerobic dairy digester systems have been permitted for each individual dairy through Minor Modification permits, with the exception of Vierra Farms Dairy, which will be permitted and constructed in fall 2021. The dairies that would contribute biogas from dairy digesters on their property are the following.

- Ahlem Farms Partnership
- Charles Ahlem Dairy
- Vierra Farms Dairy
- Sunwest Jersey Dairy
- Clauss Dairy Farms
- Yosemite Jersey Dairy
- James Ahlem Dairy
- Nyman Brothers Dairy

2.4.1.2 Project Components

Pipeline

The Pipeline would deliver biogas from a total of seven anaerobic dairy digesters to the Plant (Figure 2-2). A collection Pipeline would originate at each dairy digester and then traverse private land until meeting the main collection Pipeline. This main collection Pipeline would be located within Merced County roadway right-of-way. The Pipeline would have a total length of approximately 10 miles, including connections to the dairy digesters.

Biogas Processing Plant

The Plant would receive the biogas from the Pipeline (Figure 2-2). The purpose of the Plant is to treat biogas collected from the dairy digesters so that it will be suitable for transfer to PG&E as RCNG. The Plant would be constructed on approximately 3.0 acres of fallow agricultural fields along Lander Avenue in the northeast portion of the study area (Figure 2-2) and would include an inlet separator, compressors, chillers, carbon vessels, blowers, flow meters, condensate tank and pump, electrical room, transformers, and storage containers. The Plant would require the addition of a new driveway on Landers Avenue to access the facility.

At the Plant, biogas would be refined to California Public Utilities Commission quality, per Rule 21 requirements. The RCNG would be extracted from the biogas by stripping off constituents that do not contribute to the fuel value of the gas or are harmful to the piping material used to transport the gas. Once the biogas undergoes refinement, it can be compressed. The RCNG would be delivered to the PG&E POR facility (Interconnection Point) for custody transfer metering and injection of an odorant for gas detection prior to interconnection to the existing utility transmission line.

Interconnection Point

The POR facility or Interconnection Point would receive RCNG that meets Rule 21 specifications. At the POR, the RCNG would be analyzed, ensuring that it meets the required specifications; metered; and treated with an odorant prior to injecting into the existing natural gas transmission pipeline, which runs parallel to Lander Avenue. The primary requirement for injecting RCNG into a PG&E pipeline is ensuring that it meets the requirements of Gas Rule 21 and Gas Rule 29. It is equally important that the RCNG be delivered at a constant pressure and flow for accurate and consistent performance of the equipment at the Interconnection Point. The PG&E facility would include a gas meter set assembly (MSA), automatic shutoff valve, filter separator, odorant injection system, carbon dioxide analyzer, oxygen analyzer, hydrogen sulfide analyzer, moisture analyzer, gas chromatography instrument, pressure regulator, programmable logic controller-supervisory control and data acquisition (PLC-SCADA) system,[1] and a gas pipeline extension (4.5-inch [outside diameter] pipe, up to 1,000 pounds per square inch [psi]). The RCNG would be injected via a high-pressure pipeline into the existing natural gas transmission line after the gas has undergone the processes of the Plant.

2.4.1.3 Operation

Energy Produced from Biogas Generation

The Project would deliver and process biogas (mostly methane and carbon dioxide) for the generation of RCNG. The Project is anticipated to generate 1,296,000 cubic feet per day of RCNG.

[1] The PLC will control the shutdown functions on the PG&E POR skid if the gas quality does not meet Pipeline specifications. PG&E will install an automatic shut-off valve that will close under high pressure. The PLC-SCADA system will be used for remote monitoring of the station.

Projected Electricity Energy Use and Source

The Project would require 800 kilowatt-hours (kWh) of electricity per day for operation of the equipment at the Plant. Turlock Irrigation District would install new power lines and a transformer to bring power to the Project site.

Hours of Operation and Employees

The proposed equipment onsite would operate 24 hours per day, 7 days per week. However, operations and maintenance personnel would be onsite as-needed between Monday-Friday, 7:00AM-6:00PM. There would be up to 5 employees for different purposes (operations, maintenance, recordkeeping, etc.) at the Plant.

Security Lighting

The Project proposes minimal outdoor lighting and would not include any notable reflective materials that could result in impacts on daytime or nighttime views. The lighting type would be a Class 1, Division 2, dual floodlight that would be pole mounted with a slipfitter adapter. Eight pole-mounted lights would be installed, four around the biogas upgrade Plant and four around the PG&E POR site at the Plant location. In addition, the Project would comply with Section 18.20.070 of the Merced County Zoning Code, which states that exterior lighting shall be designed and maintained in a manner so that glare and reflections are contained within the boundaries of the subject parcel and shall be hooded and directed downward and away from adjoining properties and public rights-of-way.

Hazardous Materials, Waste Removal, and Disposal

The Plant would receive and process biogas for conversion into RCNG, and the gas would be processed in a closed system. The Pipeline would transfer the biogas gas from the dairy digesters to the Plant at a pressure of less than 100 psi .

The mechanical processes of the Plant would require oil for equipment lubrication. The spent oil would be collected during maintenance and disposed of properly offsite. The condensate that drops out of the gas during the dehydration process would be captured in a storage tank onsite and disposed of properly offsite, as needed. Carbon dioxide generated by the biogas treatment processes would be vented to the atmosphere. In addition, the Plant would generate 140 cubic meters per year (m^3/yr) of spent carbon media. This waste would be disposed of at an appropriate offsite location after being transported by truck to this location.

Vehicle Trips and Parking

Approximately 4-6 daily trips are anticipated for maintenance personnel, as necessary. Most vehicle traffic would be of only pickup trucks or small service vehicles, driven by employees. For major equipment maintenance and replacement, semi-trailer trucks may access the site, but only on these rare occasions.

There would be unmarked parking adjacent to the north fence, an area sized for up to 15 vehicles. As the Plant would be surfaced with native soil and only include mechanical equipment, parking would be available throughout the Plant site.

Stormwater Runoff

A stormwater retention basin would be constructed for the collection of rainfall at the Plant. The stormwater retention basin would be built with a capacity of 60,756 gallons to accommodate a 10-year, 24-hour storm event. Any overflow from heavy precipitation would be routed to adjacent agricultural fields. Pipeline construction would return the soil surface to its current state. The Plant would be built on engineered fill. Therefore, all drainage would be maintained onsite, per design.

Water Usage

The Project requires no consistent manpower for operations. Accordingly, there is no need for municipal (i.e., water/sewer) services.

2.4.1.4 Project Construction and Phasing

Construction of the Project is scheduled to begin following Project approval. Construction is estimated to commence in the fall of 2021 and be completed in the summer of 2022. The hours of construction would be 7:00 a.m. to 6:00 p.m. Monday through Saturday.

Construction of the Plant is anticipated to take approximately 7 months to complete. There would be a maximum of 18 employees during construction of the Plant, with an average of 14 onsite during the 7 months of construction. Construction of the Pipeline would take 4 months to complete. There would be a maximum of seven employees during construction of the Pipeline, with an average of five onsite during the 4 months of construction.

Plant construction would include a 250-foot by 60-foot area for equipment staging onsite. It is anticipated that the following pieces of equipment would be used during construction activities:

- Air compressors
- Bore/drill rigs
- Cranes
- Excavators
- Forklifts
- Generator sets
- Graders
- Off-highway tractors
- Off-highway trucks
- Other construction equipment
- Other general industrial equipment
- Pavers
- Paving equipment
- Scrapers

- Tractors/loaders/backhoes
- Trenchers
- Welders

Construction activities would require an estimated 5,000 to 6,000 gallons of water per day for dust control and other construction activities. Water used during construction would be supplied by the dairy facilities nearest to the proposed construction activities.

Construction staging for the Pipeline would be located at the dairy facilities involved in the Project. Construction of the Pipeline would use primarily horizontal directional drilling (HDD), which would be accomplished in three principal phases. First, a small-diameter pilot hole would be drilled along a directional path from one surface point to another. Next, the bore created during pilot hole drilling would be enlarged to a diameter that would facilitate installation of the desired Pipeline. Lastly, the Pipeline would be pulled into the enlarged hole, creating a continuous segment of pipe underground and exposed only at the two initial endpoints. HDD is an efficient construction practice for minimizing impacts involving surface obstacles, including roadways, canals, and other waterways. Some sections of the line would also use open-cut trenching to tie the various HDD sections together. All trenched areas would be restored to their prior condition. All waterway crossings would be constructed using HDD.

Haul routes for construction equipment are assumed to run from State Route 99 to August Avenue to Lander Avenue.

Temporary security lighting would be provided during construction. Temporary security lighting would include two small, towable light towers with a 6-kilowatt diesel generator. Temporary lighting would be used in the morning as necessary for visibility and crew safety. No overnight security lighting would be used during construction.

The proposed Plant would be designed for balanced earthwork, sourcing all fill material from the stormwater basin location.

The Pipeline installation would require trenching, and traffic control in some locations (if deemed necessary). The Plant would require grading/earthwork but no demolition as the site is currently operated as farmland.

2.4.2 Required Permits, Approvals, Other Processes, and Consultations

The Project may require permits or approvals from the following agencies:

Table 2-1. Required Permits and Approvals

Agency	Permit or Approval
California Department of Transportation	Encroachment Permit Repetitive Permit
Merced County Department of Planning	Conditional Use Permit
Merced County Department of Public Works	Building Permit Encroachment Permit Transportation Permit

Agency	Permit or Approval
San Joaquin Valley Air Pollution Control District	Authority to Construct/Permit to Operate Dust Control Plan
State Water Resources Control Board	Stormwater Pollution Prevention Plan

Chapter 3
Environmental Analysis

Initial Study Environmental Checklist

1. **Project Title:** Hilmar Biogas Cluster Project
2. **Lead Agency Name and Address:** Merced County
   Planning and Community Development Department
   2222 "M" Street
   Merced, CA 95340
3. **Contact Person and Phone Number:** Brian Guerrero
   209.385.7654
4. **Project Location:** 9001 Lander Avenue, Hilmar, CA 95324
5. **Project Sponsor's Name and Address:** Hilmar Dairy Biogas LLC
   324 S. Santa Fe, Suite B
   Visalia, CA 93292
6. **General Plan Designation:** Agricultural ("A")
7. **Zoning:** A-1 General Agriculture
8. **Description of Project:**

   Hilmar Dairy Biogas LLC is proposing the Project in the region northwest of Hilmar, CA. The purpose of the proposed Project is to deliver and process biogas (mostly methane and CO_2) for the generation of renewable compressed natural gas (RCNG). The Project involves a new Conditional Use Permit (CUP) to allow these uses. This Project would include a central biogas processing Plant as well as a low-pressure (less than 20 pounds per square inch) biogas Pipeline. The biogas Pipeline would collect biogas from nearby anaerobic dairy digesters and deliver it to the processing Plant. The processing Plant would collect and process biogas delivered via the biogas Pipeline. After the biogas has been processed and conditioned to RCNG standards, the gas would be injected into the existing natural gas transmission line at the PG&E point of receipt (Interconnection Point) and sold for offsite use. There are no current plans of expansion, but the system has been designed to accommodate connection to additional anaerobic dairy digesters in the future.
9. **Surrounding Land Uses and Setting:**

   The Project site is located in an unincorporated rural area, surrounded by agricultural land uses. The proposed processing Plant is located immediately north (approximately 0.25 miles) of the community of Hilmar, California, and biogas pipelines would extend to dairies located to the west.
10. **Other Public Agencies Whose Approval Is Required:**

    California Department of Transportation
    Merced County Department of Planning
    Merced County Department of Public Works
    San Joaquin Valley Unified Air Pollution Control District
    State Water Resources Control Board

Environmental Factors Potentially Affected

The environmental factors checked below would potentially be affected by this Project (i.e., the project would involve at least one impact that is a "Potentially Significant Impact"), as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agricultural and Forestry	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use/Planning	☐ Mineral Resources
☐ Noise	☐ Population/Housing	☐ Public Services
☐ Recreation	☐ Transportation/Traffic	☐ Tribal Cultural Resources
☐ Utilities/Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

Determination

On the basis of this initial evaluation:

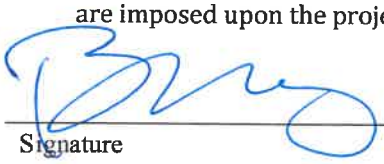
☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions to the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have an impact on the environment that is "potentially significant" or "potentially significant unless mitigated" but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards and (2) has been addressed by mitigation measures based on the earlier analysis, as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the project, nothing further is required.



Signature

7/23/21

Date

Brian Grattidge

Printed Name

For

Evaluation of Environmental Impacts

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained if it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including offsite as well as onsite, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an Environmental Impact Report (EIR) is required.
4. "Negative Declaration: Less-than-Significant with Mitigation Incorporated" applies when the incorporation of mitigation measures has reduced an effect from a "Potentially Significant Impact" to a "Less-than-Significant Impact". The lead agency must describe the mitigation measures and briefly explain how they reduce the effect to a less-than-significant level. (Mitigation measures from Section XVII, "Earlier Analyses", may be cross-referenced.)
5. Earlier analyses may be used if, pursuant to tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration [Section 15063(c)(3)(D)]. In this case, a brief discussion should identify the following:
    a. Earlier Analysis Used. Identify and state where earlier analyses are available for review.
    b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards and state whether such effects were addressed by mitigation measures based on the earlier analysis.
    c. Mitigation Measures. For effects that are "Less-than-Significant with Mitigation Incorporated," describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, when appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
    a. the significance criteria or threshold, if any, used to evaluate each question; and
    b. the mitigation measure identified, if any, to reduce the impact to a less-than-significant level.

3.1 Aesthetics

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d) Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?	☐	☒	☐	☐

Environmental Setting

This section describes aesthetics and potential impacts that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the Hilmar Cheese Company, Inc. (HCC), property that would be used for the biogas processing Plant and the farm roads and public roads used for proposed Pipeline alignments and the areas surrounding these properties and roadways.

Existing Conditions

The study area is in unincorporated Merced County in the San Joaquin Valley. Merced County is known for its panoramic views of the Sierra Nevada and the Coast Ranges, a mix of open orchard lands and field crop areas, and the seasonal contrasts of lush hillsides and wetlands against a backdrop of distant snow-capped mountains. According to the Merced County General Plan, scenic vistas within the county include views of the coastal and inland mountain ranges and the Merced, San Joaquin, and Bear Creek River corridors (Merced County 2013).

Viewers outside the study area are limited to motorists on State Route (SR) 165 and perimeter roadways and workers and residents at surrounding agricultural facilities (Google Earth Pro 2021). No state or locally designated scenic highway has been identified in the study area (California Department of Transportation 2019; Merced County 2013).

Regulatory Setting

Federal and State

National Scenic Byways Program and California State Scenic Highway Program

SR 152 and Interstate 5 in the western portion of the county are designated scenic routes, but they are situated more than 15 and 30 miles south and west of the Project site, respectively. Therefore, no roadways within or near the Project site corridor are designated in federal or state plans as a scenic highway or a route worthy of protection for maintaining and enhancing scenic viewsheds (California Department of Transportation 2019).

Regional and Local

The 2030 Merced County General Plan (Merced County, 2013) does not include applicable policies regarding visual resources. The following Merced County Code would apply to the Project: Merced County Code, Chapter 18.40.070, Outdoor Lighting.

Discussion of Potential Impacts

a) The Project would have no substantial adverse effect on a scenic vista.

The study area is not located in an area with short- to mid-range scenic vistas. Topography is flat and there are no distinctive topographical or scenic features in the study area. Scenic views of the Coast Range and the Sierra Nevada from the study area constitute the major long-range scenic vistas in the county. They could be visible from the study area during favorable weather conditions.

Views of long-range scenic vistas already include agricultural buildings and equipment, and the proposed Plant would lie along the ground plane or be underground. Therefore, **no impacts** to scenic vistas would occur during construction or operation of the Project.

b) The Project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway.

No scenic resources, such as trees, rock outcroppings, or historic buildings exist in the study area. No state or locally designated scenic highways are visible from the study area, and the Project site is not visible from any nearby designated scenic highway. Therefore, construction and operation of the Project would not damage scenic resources. **No impact** on scenic resources would result from construction and operation of the proposed Project.

c) The Project would have a less than significant impact on the existing visual character or quality of public views of the site and its surroundings.

Construction

Existing uses in the study area include agricultural facilities, equipment, and activities; roads; and associated residences, all of which are considered common to the area. The proposed Project consists of biogas upgrade equipment, including tanks and associated pipelines, which would be similar in visual character to the surrounding agricultural facilities.

Construction of the Pipeline portion of the Project would result in a temporary change in the scenic character of area roadways, while equipment and supplies are used and stored in the vicinity of the trenching and while construction activities are underway. Construction of the remaining facilities would be in character with the agricultural activities in the area. The heavy equipment that would be used to construct the proposed Pipeline and Plant would be in character with equipment used in the vicinity to conduct agricultural activities.

The proposed upgrade would be visible after construction is complete from perimeter roads and SR 165, which runs north–south along on the eastern edge of the property, with views of the existing Hilmar Dairy and other agricultural facilities, a common sight in rural areas of Merced County. The visual effect of the proposed biogas upgrade Plant would be reasonable and expected in the context of the dominant agricultural land uses and the existing HCC facilities to the south. These developed site features would appear similar to existing facilities in the study area and would not degrade the existing visual character or quality of public views of the site and its surroundings. The visual and scenic character of vicinity roadways would thus be similar to existing conditions following the completion of construction. Therefore, construction of the Project would have a **less-than-significant** impact on the existing visual character or quality of public views of the site and its surroundings.

Operation

Once completed, all Pipeline infrastructure would be along the ground plane or underground, and any area disturbed by trenching during Pipeline installation would be restored to its prior condition. No new signage is proposed in association with the Project.

During operations, people would see the new site features in use. These site features would appear similar to existing facilities in the Project area and would not degrade the existing visual character or quality of public views of the site and its surroundings. In addition, vehicles carrying workers to conduct operations and maintenance would be visible, along with maintenance equipment. This activity would be limited in duration and would appear similar to other agricultural activity in the area.

Since the proposed Project is consistent with the existing and planned agricultural uses of the area, implementation of the proposed Project would not substantially degrade the existing visual character or quality of public views of the site and its surroundings. Therefore, the Project would have a **less-than-significant** impact on the existing visual character or quality of public views of the site and its surroundings.

d) The Project would have a less-than-significant impact with incorporation of mitigation relayed to light or glare that would adversely affect daytime or nighttime views in the area.

Construction

Construction of the proposed Project would occur primarily in daylight hours; however, two small, towable light towers would be used in the morning hours as necessary for visibility and the safety of crews. These same lights would be used if nighttime construction occurs. Concrete pours would be the only construction activities that might occur outside normal construction hours, with a maximum of 10 pours expected over the entire construction period. Light from these light towers could be noticeable to viewers in the vicinity, at residences, and along local roadways. However, Mitigation Measure AES-1 would ensure that construction lighting would not create a significant

source of light and glare in the study area. Therefore, light and glare impacts during construction would be **less than significant with mitigation incorporated.**

Operation

Existing sources of night lighting in the study area include security lighting from the HCC facility and lights from rural residential uses. The proposed upgrade Plant would include nighttime security lighting similar to that used at the adjacent HCC facility. County standards require that light fixtures minimize light impacts and preserve nighttime views, with specific requirements so that light does not extend onto surrounding properties. Furthermore, following the completion of construction, the proposed transmission Pipeline would be placed underground and would not be visible in the study area. Therefore, Project security lighting would not constitute a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area. Therefore, adverse light and glare effects associated with Project operation would be **less than significant.**

Mitigation Measures

Mitigation Measure AES-1: Minimize Fugitive Light from Portable Sources Used for Construction

The construction contractor shall minimize Project-related light and glare to the maximum extent feasible, given safety considerations. Color-corrected halide lights will be used. Portable lights will be operated at the lowest allowable wattage and height and will be raised to a height no greater than 20 feet. All lights will be screened and directed downward toward work activities and away from the night sky and nearby roads and residences to the maximum extent possible. The number of nighttime lights used will be minimized to the greatest extent possible.

3.2 Agriculture and Forestry Resources

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information co mpiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non- agricultural use?	☐	☐	☒	☐
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☒	☐
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☒	☐

Environmental Setting

This section provides a discussion of the existing conditions related to agriculture and forestry resources and the impacts on these resources that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the portion of the HCC property that would be used for the biogas processing Plant and the farm roads and public roads that would be used for the proposed Pipeline alignments. Information in this section is based on the California Department of Conservation's (CDOC'S) Farmland Mapping and Monitoring Program (FMMP) (CDOC 2021), the Williamson Act (Merced County 2010a), the 2030 Merced County General Plan, and the Merced County Zoning Ordinance.

Existing Conditions

The biogas upgrade Plant would be constructed on HCC property, northwest of the intersection of August Avenue and Lander Avenue in Hilmar, CA, adjacent to the southern boundary of the Turlock Irrigation District ditch/property. The proposed biogas upgrade Plant site is designated for Agricultural land use in the 2030 Merced County General Plan, and zoned A-1 (General Agricultural) by the Merced County Zoning Code (Merced County, 2010b). The site is designated as urban and built-up land in the FMMP (CDOC, 2021). The site is not enrolled under a Williamson Act Contract (Merced County 2009).

The proposed Pipeline would be installed primarily within public roadway rights-of-way or within existing roadways on private lands. Areas within Merced County where the proposed Pipeline alignments would be placed on private land are designated for Agricultural land use by the 2030 Merced County General Plan and zoned A-1 (General Agricultural) by the Merced County Zoning Code (Merced County 2010b). Pipeline alignments within public right-of-way are identified as urban built-up land in the FMMP, while Pipeline alignments on private properties would be located within designated farmland of statewide importance, unique farmland, and confined animal agriculture land (CDOC, 2021). Proposed pipelines alignment would also cross through parcels enrolled under Williamson Act contract (Merced County 2009).

Regulatory Setting

The following regulations applicable to agriculture and forestry resources are described in the 2030 Merced County General Plan EIR (Merced County 2013):

- Open Space Lands Act (Government Code 65560 et. seq.)
- California Agricultural Land Evaluation and Site Assessment Model (1997)
- California Department of Conservations Farmland Mapping and Monitoring Program
- California Land Conservation Act of 1965 (Williamson Act Program) (Government Code, Section 51200, et. seq.)
- Right-to-Farm Ordinance

Regional and Local

2030 Merced County General Plan**.** The 2030 Merced County General Plan sets the direction for the future of the county over the next 20 years. The Agricultural Element is more wide-ranging than the others. It is not a state-mandated element, unlike other elements of the general plan. Rather, it is a discretionary element, first added in 1984. The Agricultural Element contains policies for the preservation of farmland by allowing the conversion of farmland to urban uses only when a clear and immediate need can be demonstrated. The Agricultural Element also directs development to less valuable farmland when conversion is justified and calls for land use transitions and buffers between urban and agricultural areas to reduce interference.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact related to converting Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared

pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use.

and

e) The Project would have a less-than-significant impact related to other changes in the existing environment that, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use.

The proposed biogas processing Plant would include construction on approximately 3.0 acres of land that is designated as urban and built-up land under the FMMP; therefore, this portion of the Project would have no impact on Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. Proposed Pipeline alignments on private property are designated as Farmland of Statewide Importance and Unique Farmland. However, disruption of Important Farmland would be temporary in nature, occurring only during construction, and the land could return to productive agricultural use following the construction period. Further, the Pipeline within private Farmland of Statewide Importance and Unique Farmland would represent an agricultural support use, and no conversion of agricultural soils to non-agricultural uses would occur. The biogas processing Plant site would be constructed on urban and built-up land under FMMP, and the Pipeline would be constructed outside of active farmlands; therefore, construction of the proposed Plant would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use. Operation of the Project would be limited to maintenance at the proposed processing Plant and, therefore, would have no impact on Prime Farmland, Unique Farmland, or Farmland of Statewide Importance because the Plant is proposed for existing urban and built-up land. Impacts from construction and operation of the proposed Project would be **less than significant**.

b) The Project would have a less-than-significant impact related to conflicting with existing zoning for agricultural use or a Williamson Act contract.

The proposed biogas processing Plant would be located on a parcel zoned A-1 (General Agricultural) by the Merced County Zoning Code (Merced County, 2010b). A portion of the proposed Pipeline would be located on private parcels zoned A-1 (General Agricultural); however, placement of the Pipeline along the existing public right-of-way and private roadways would not preclude or limit the agricultural use of the adjoining parcels. Further, placement of the Pipeline across fields zoned for agricultural use in active agricultural production would not preclude or limit the agricultural use of the adjoining parcels after the construction period. Thus, the proposed Project would not conflict with the existing zoning for agricultural use and would permit the continuation of existing agricultural activities, consistent with County policies.

The parcels where the proposed Plant would be constructed are not currently under a Williamson Act contract (Merced County 2009) and therefore would not conflict with Williamson Act contracts. A portion of the proposed Pipeline would be located on private parcels that are currently under Williamson Act contracts. Agricultural productivity along the Pipeline could be temporarily disrupted by construction, but construction would not affect the enrollment status of these properties. In addition, operation of the proposed biogas Plant and Pipeline, including maintenance activities associated with the Project, would not conflict with adjacent agricultural zoning or Williamson Act contract properties. Therefore, impacts from construction and operation of the proposed Project would be **less than significant.**

c) The Project would have no impact related to conflicts with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220[g]), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104[g]).

The Project site and surrounding areas do not include forest land or timberland and are not zoned for forestry or timberland uses. Therefore, construction and operation of the proposed Project would not result in the loss or conversion of such lands to non-forest uses and **no impact** would occur.

d) The Project would have no impact the loss of forest land or conversion of forest land to non-forest use.

The Project site and surrounding areas do not include forest land or timberland and are not zoned for forestry or timberland uses. Therefore, construction and operation of the proposed Project would not result in the loss or conversion of such lands to non-forest uses and **no impact** would occur.

3.3 Air Quality

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the Project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or State ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Environmental Setting

This air quality setting section discusses federal and state ambient air quality standards and existing air quality conditions, identifies sensitive receptors, and describes the regulatory framework for air quality management. Air Quality modeling inputs, assumptions, and results are contained in Appendix 3.3-A. The study area for this resource is generally defined as the Project construction and operational footprint, as well as the surrounding area within Merced County.

Existing Conditions

This section provides a discussion of the existing conditions, related to air quality at the Project site and in the study area.

The air quality management agencies of direct importance in Merced County include the U.S. Environmental Protection Agency (EPA), California Air Resources Board (CARB), and the San Joaquin Valley Air Pollution Control District (SJVAPCD). EPA has established federal ambient air quality standards for which ARB and the SJVAPCD have primary implementation responsibility. CARB and the SJVAPCD are also responsible for ensuring that state ambient air quality standards (CAAQS) are met. The SJVAPCD has further responsibility for implementing strategies for air quality improvement and recommending mitigation measures for new growth and development.

Local Air Quality and Attainment Status

Existing air quality conditions in the Project area can be characterized in terms of the ambient air quality standards that the federal government and California have established for several different pollutants. For some pollutants, separate standards have been set for different measurement periods. Most standards have been set to protect public health and welfare with an adequate margin of safety. For some pollutants, standards have been based on other values (such as protection of crops, protection of materials, or avoidance of nuisance conditions). The national ambient air quality

standards (NAAQS) describe acceptable conditions that were first authorized by the federal Clean Air Act of 1970 (CAA). Air quality is considered in "attainment" if pollutant levels are continuously below or equal to the NAAQS and exceed them no more than once each year. The California Ambient Air Quality Standards (CAAQS), which describe adverse conditions, were authorized by the State legislature in 1967. Pollution levels must be below the CAAQS before a basin can attain the standard. California standards are generally more stringent than the national standards. State and federal criteria pollutant emission standards have been established for six pollutants: carbon monoxide (CO), ozone (O_3), particulate matter (PM) consisting of PM less than or equal to 10 microns (PM10) and PM less than or equal to 2.5 microns (PM2.5), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), and lead (Pb). Furthermore, the CAAQS has established standards for sulfates, hydrogen sulfide, and vinyl chloride. Within the San Joaquin Valley Air Basin (SJVAB), the SJVAPCD is responsible for ensuring that these emission standards are not violated. The pollutants of greatest concern in the Project area are CO; O_3; and PM_{10} and $PM_{2.5}$. Federal and state ambient air quality standards are presented in Table 3.3-1.

Table 3.3-1. National and State Ambient Air Quality Standards

Criteria Pollutant	Average Time	California Standards	National Standards[a]	
			Primary	Secondary
Ozone	1-hour	0.09 ppm	None	None
	8–hour	0.070 ppm	0.070 ppm	0.070 ppm
Particulate Matter (PM10)	24-hour	50 μg/m^3	150 μg/m^3	150 μg/m^3
	Annual mean	20 μg/m^3	None	None
Fine Particulate Matter (PM2.5)	24-hour	None	35 μg/m^3	35 μg/m^3
	Annual mean	12 μg/m^3	12.0 μg/m^3	15 μg/m^3
Carbon Monoxide	8-hour	9.0 ppm	9 ppm	None
	1-hour	20 ppm	35 ppm	None
Nitrogen Dioxide	Annual mean	0.030 ppm	0.053 ppm	0.053 ppm
	1-hour	0.18 ppm	0.100 ppm	None
Sulfur Dioxide	Annual mean	None	0.030 ppm	None
	24-hour	0.04 ppm	0.014 ppm	None
	3-hour	None	None	0.5 ppm
	1-hour	0.25 ppm	0.075 ppm	None
Lead	30-day Average	1.5 μg/m^3	None	None
	Calendar quarter	None	1.5 μg/m^3	1.5 μg/m^3
	3-month average	None	0.15 μg/m^3	0.15 μg/m^3
Sulfates	24-hour	25 μg/m^3	None	None
Hydrogen Sulfide	1-hour	0.03 ppm	None	None
Vinyl Chloride	24-hour	0.01 ppm	None	None

Sources: California Air Resources Board 2020

Notes: μg/m^3 = micrograms per cubic meter; ppm = parts per million

[a] National standards are divided into primary and secondary standards. Primary standards are intended to protect public health, whereas secondary standards are intended to protect public welfare and the environment.

Climate and Topography

The SJVAB is the southern half of California's Central Valley and is approximately 250 miles long and averages 35 miles wide. The San Joaquin Valley (SJV) is bordered by the Sierra Nevada Mountains in the east (8,000 to 14,491 feet in elevation), the Coast Ranges in the west (averaging 3,000 feet in elevation), and the Tehachapi mountains in the south (6,000 to 7,981 feet in elevation). There is a slight downward elevation gradient from Bakersfield in the southeast end (elevation 408 feet) to sea level at the northwest end where the valley opens to the San Francisco Bay at the Carquinez Straits. At its northern end is the Sacramento Valley, which comprises the northern half of California's Central Valley. The bowl shaped topography inhibits movement of pollutants out of the valley.

The SJV is in a Mediterranean Climate Zone. Mediterranean Climates Zones occur on the west coast of continents at 30 to 40 degrees latitude and are influenced by a subtropical high-pressure cell most of the year. Mediterranean Climates are characterized by sparse rainfall, which occurs mainly in winter. Summers are hot and dry. Summertime maximum temperatures often exceed 100 degrees Farenheit in the Valley.

The subtropical high-pressure cell is strongest during spring, summer and fall and produces subsiding air, which can result in temperature inversions in the Valley. A temperature inversion can act like a lid, inhibiting vertical mixing of the air mass at the surface. Any emissions of pollutants can be trapped below the inversion. Most of the surrounding mountains are above the normal height of summer inversions (1,500-3,000 feet).

Winter-time high pressure events can often last many weeks with surface temperatures often lowering into the thirties degree Fahrenheit. During these events, fog can be present and inversions are extremely strong. These wintertime inversions can inhibit vertical mixing of pollutants to a few hundred feet (SJVAPCD 2015).

Criteria Pollutants

The ambient concentrations of criteria pollutants are the primary indicators of air quality; the six criteria pollutants are O_3, CO, NO_2, SO_2, Pb, PM_{10}, and $PM_{2.5}$. The NAAQS and CAAQS have been established for these pollutants. O_3, NO_2, and PM are generally considered to be regional pollutants, as these pollutants or their precursors affect air quality on a regional scale. Pollutants such as CO, SO_2, Pb, and PM are considered to be local pollutants that tend to accumulate in the air in the same region where the pollutants were emitted (note that particulate matter is considered to be both a local and a regional pollutant). In the Project vicinity, O_3, $PM_{2.5}$, and PM_{10} are considered pollutants of concern. Brief descriptions of these pollutants are provided below. Toxic air contaminants (TACs) are also discussed below, although no state or federal ambient air quality standards exist for these pollutants.

Ozone

O_3 increases susceptibility to respiratory infections, and is a severe eye, nose, and throat irritant. It is an oxidant that can cause extensive damage to plants by leaf discoloration and cell damage, and also attacks synthetic rubber, textiles, and other materials. O_3 is primarily a summer air pollution problem. Reactive organic gases (ROG) and oxides of nitrogen (NO_X) are O_3 precursors mainly emitted by mobile sources, such as passenger vehicles, and stationary combustion equipment.

Carbon Monoxide

CO is a public health concern because it combines readily with hemoglobin and reduces the amount of oxygen transported in the bloodstream. CO can cause health problems such as fatigue, headache, confusion, dizziness, and even death. Motor vehicles are the dominant source of CO emissions in most areas. Data indicate that local CO concentrations do not approach the state standards; however, CO concentrations in the vicinity of congested intersections and freeways would be expected to be higher than those recorded at the monitoring station. CO concentrations are expected to continue to decline in the SJVAB because of existing controls and programs and the continued retirement of older, higher-polluting vehicles.

Particulate Matter

Particulate Matter (PM_{10} and $PM_{2.5}$) can damage human health and delay plant growth. Particulates also reduce visibility and corrode materials. Health concerns associated with suspended particulate matter focus on those particles small enough to reach the lungs when inhaled. Particulate emissions are generated by a wide variety of sources, including agricultural activities, industrial emissions, dust suspended by vehicle traffic and construction equipment, and secondary aerosols formed by reactions in the atmosphere.

Air Quality Standards and Attainment Status

Areas are classified as either attainment or nonattainment by comparing actual monitored air pollutant concentrations to state and federal standards. If a pollutant concentration is lower than the state or federal standard, the area is classified as being in attainment of the standard for that pollutant. If a pollutant violates the standard, the area is considered a nonattainment area. If data are insufficient to determine whether a pollutant is violating the standard, the area is designated unclassified. Areas that were previously designated as nonattainment areas but have subsequently met the standard are called maintenance areas.

The state has classified Merced County as being in nonattainment for state standards for ozone, PM_{10}, and $PM_{2.5;}$ in attainment for Pb, NO_2, SO_2, and sulfates; and unclassified for CO, hydrogen sulfide, and visibility-reducing particles (California Air Resources Board 2017).

The EPA has classified Merced County as being in extreme nonattainment for 8-hour O_3, and moderate nonattainment for $PM_{2.5}$ (U.S. Environmental Protection Agency 2021).

Background Health Risks

Toxic Air Contaminants

In addition to the criteria pollutants discussed above, TACs are another group of pollutants of concern. Some examples of TACs include: benzene, butadiene, formaldehyde, and hydrogen sulfide. Potential human health effects of TACs include birth defects, neurological damage, cancer, and death. There are hundreds of different types of TACs with varying degrees of toxicity. Individual TACs vary greatly in the health risk they present; at a given level of exposure, one TAC may pose a hazard that is many times greater than another.

TACs do not have ambient air quality standards, but are regulated by the EPA and the CARB. In 1998, CARB identified particulate matter from diesel-fueled engines as a toxic air contaminant. CARB has completed a risk management process that identified potential cancer risks for a range of activities and land uses that are characterized by use of diesel-fueled engines. High volume

freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic (distribution centers, truck stops) were identified as posing the highest risk to adjacent receptors. Other facilities associated with increased risk include warehouse distribution centers, large retail or industrial facilities, high volume transit centers, and schools with a high volume of bus traffic. Health risks from TACs are a function of both concentration and duration of exposure. SJVAPCD regulates TACs using a risk-based approach. This approach uses a health risk assessment to determine what sources and pollutants to control as well as the degree of control. A health risk assessment is an analysis in which human health exposure to toxic substances is estimated, and considered together with information regarding the toxic potency of the substances, in order to provide a quantitative estimate of health risks.

Unlike TACs emitted from industrial and other stationary sources noted above, most diesel particulate matter (DPM) is emitted from mobile sources – primarily diesel-powered construction and mining equipment, agricultural equipment, and truck-mounted refrigeration units, as well as trucks and buses traveling on freeways and local roadways. CARB estimated that about 70 percent of total known cancer related to air toxics is attributable to DPM (CARB 2021).

CARB Diesel Risk Reduction Plan is intended to substantially reduce diesel particulate matter emissions and associated health risks through introduction of ultra-low-sulfur diesel fuel – a step already implemented – and cleaner burning diesel engines (CARB 2000). The technology for reducing diesel particulate matter emissions from heavy-duty trucks is well established, and both state and federal agencies are moving aggressively to regulate engines and emission control systems to reduce and remediate diesel emissions. This plan also established airborne toxic control measures (ACTMs) for mobile sources, including on-road and off-road vehicles, as well as stationary sources. With implementation of ATCMs, statewide DPM concentrations decreased from approximately 1.8 micrograms per cubic meter ($\mu g/m^3$) to approximately 0.61 $\mu g/m^3$ between 1990 and 2010, resulting in a 66 percent reduction over that period. CARB continues to explore strategies to reduce DPM emissions through engine retrofit mandates, cleaner diesel fuels, advanced engine technologies, and alternative fuels. CARB estimates that, by 2035, DPM emissions will be less than half of what they were in 2010. CARB anticipates that by 2020 average Statewide diesel particulate matter concentrations will decrease by 85 percent from levels in 2000 with full implementation of the Diesel Risk Reduction Plan, meaning that the Statewide health risk from diesel particulate matter is expected to decrease from 540 cancer cases in 1,000,000 to 21.5 cancer cases in 1,000,000 (CARB 2021).

Asbestos

Asbestos is the name given to many naturally occurring fibrous silicate minerals. It has been mined for applications requiring thermal insulation, chemical and thermal stability, and high tensile strength. It is also found in its natural state in rock or soil (known as naturally occurring asbestos or NOA). Mapping published by the United States Geological Survey and California Geological Survey indicates that the Project site does not have any reported historic asbestos mines, historic asbestos prospects, asbestos-bearing talc deposits, fibrous amphiboles, or ultramafic rock outcrops (California Department of Conservation 2000).

Valley Fever

Although not considered a criteria pollutant, Valley Fever (also known as Coccidioidomycosis), an infectious disease caused by the fungus *Coccidioides immitis* commonly found in the SJVAB, is transmitted through the air and poses a significant health risk to local residents. Valley Fever is

caused by inhalation of *Coccidioides immitis* spores that have become airborne when dry, dusty soil or dirt is disturbed by wind, construction, farming, or other activities.

The Valley Fever fungus tends to be found at the base of hillsides in virgin, undisturbed soil. It usually grows in the top few inches of soil but can grow down to 12 inches. The fungus does not survive well in highly populated areas because there is not usually enough undisturbed soil for the fungus to grow. The fungus is not likely to be found in soil that has been or is being cultivated and fertilized because human-made fertilizers, such as ammonium sulfate, enhance the growth of the natural microbial competitors of the *Coccidioides* fungus.

After the fungal spores have settled in the lungs, they change into a multicellular structure called a spherule. Valley Fever symptoms generally occur within 2 to 3 weeks of exposure. Approximately 60 percent of Valley Fever cases are mild and display flu-like symptoms or no symptoms at all. Of those who are exposed and seek medical treatment, the most common symptoms are fatigue, cough, chest pain, fever, rash, headache, and joint aches.

Valley Fever infection is most frequent during summers that follow a rainy winter or spring, especially after wind and dust storms. Valley Fever infection is common only in arid and semiarid areas of the western hemisphere. In the United States, it is mostly found from southern California to southern Texas.

Most new residents to SJVAB have never been exposed to Valley Fever, and consequently are particularly susceptible to the infection. Many longtime residents of the area have at some time been exposed to the fungus, become infected, and have recovered, and are thus immune.

Sensitive Receptors

SJVAPCD defines sensitive receptors as “facilities that house or attract children, the elderly, people with illnesses, or others who are especially sensitive to the effects of air pollutants (SJVAPCD 2015).” Typical sensitive receptors include residences, hospitals, schools, and places of worship. The adjacent land uses to the proposed biogas collection Pipeline are agricultural. The nearest sensitive receptor is located approximately 110 feet to the east of the proposed collection plant consturction site, along Lander Avenue. The nearest sensitive receptors where the underground pipeline would be installed via horizontal directional drilling (HDD) are located approximately 130 feet away along Oslo Road; 50 feet away along Washington Road, and 30 feet away along American Avenue.

Odors

Although offensive odors rarely cause physical harm, they can be unpleasant and lead to considerable distress among the public. This distress often generates citizen complaints to local governments and air districts. According to SJVAPCD *Guidance for assessing and Mitigating Air Quality Impacts* (2015 GAMAQI) land uses associated with odor complaints typically include wastewater treatment plants, landfills, transfer station, composing facility, petroleum refinery, asphalt batch plant, chemical manufacturing, fiberglass manufacturing, paining/coating operations, food processing facility, feed lot/dairy, and rendering plants. SJVAPCD provides recommended screening distances for citing new receptors near existing odor sources.

Regulatory Setting

Regulations applicable to Air Quality are described in the Merced County 2030 General Plan EIR (Merced County 2013).

Regional and Local

San Joaquin Valley Air Pollution Control District

The Project may be subject to the following district rules. These are rules that have been adopted by SJVAPCD to reduce emissions throughout the San Joaquin Valley.

- Rule 2010 (Permits required). The purpose of this rule is to require any person constructing, altering, replacing or operating any source operation which emits, may emit, or may reduce emissions to obtain an Authority to Construct or a Permit to Operate. This rule also explains the posting requirements for a Permit to Operate and the illegality of a person willfully altering, defacing, forging, counterfeiting or falsifying any Permit to Operate.
- Rule 2201 (New and Modified Stationary-Source Review Rule). This rule applies to all new stationary sources and all modifications to existing stationary sources subject to SJVAPCD permit requirements that, after construction, emit or may emit one or more pollutants regulated by the rule.
- Rule 3135 (Dust Control Plan Fees). This rule requires the applicant to submit a fee in addition to a dust control plan. The purpose of this rule is to recover SJVAPCD's cost for reviewing these plans and conducting compliance inspections.
- Rule 4101 (Visible Emissions). This rule prohibits emissions of visible air contaminants to the atmosphere and applies to any source operation that emits or may emit air contaminants.
- Rule 4102 (Nuisance). This rule applies to any source operation that emits or may emit air contaminants or other materials. In the event that the project or construction of the project creates a public nuisance, it could be in violation and subject to SJVAPCD enforcement action.
- Rule 4641 (Cutback, Slow-Cure, and Emulsified Asphalt, Paving, and Maintenance Operations). This rule applies to the manufacture and use of cutback asphalt, slow-cure asphalt, and emulsified asphalt for paving and maintenance operations.
- Regulation VIII (Fugitive PM_{10} Prohibitions). This is a series of rules (Rules 8011–8081) designed to reduce PM emissions (predominantly dust/dirt) generated by human activity, including construction, road construction, bulk materials storage, landfill operations, and other activities. The project would be required to comply with Regulation VIII by law.

The Indirect Source Review (ISR) rule, Rule 9510, which went into effect March 1, 2006, requires developers of new residential, commercial, and industrial projects to reduce smog-forming and particulate emissions generated by their projects. The ISR rule seeks to reduce the growth in NOx and PM_{10} emissions associated with construction and operation of new development, transportation and transit projects in the San Joaquin Valley. This rule fulfills the district's emission reduction commitments in the PM10 and Extreme Ozone Attainment Demonstration Plan and 2007 Ozone Plan through emissions reductions for construction and use of development projects through design features and onsite measures.

The proposed Project would construct an underground Pipeline system and processing plant (Plant) that would gather biogas from seven dairy digesters for eight dairies to produce renewable compressed natural gas (RCNG). Because the Project would gather and process biogas in a Plant whose primary functions are subject to SJVAPCD Rules 2201 and 2010, the Project would be exempt from the requirements of Rule 9510.

2030 Merced County General Plan

The Merced County 2030 General Plan (General Plan) includes a variety of policies to help reduce air quality emissions and odors within the County. Specifically, the General Plan includes the following policies that would be applicable to the Project:

- **Policy AG-4.7 Methane Sequestration:** Support efforts of local dairies and the SJVAPCD to develop standards and programs for the sequestration of methane gas to reduce GHG emissions, and odors, and to provide a source of clean, efficient, and cheap electricity and natural gas.)
- **Policy AQ-2.1 Air Quality Plan Compliance:** Require all development projects to comply with applicable regional air quality plans and policies.

SJVAPCD Thresholds

Regional Thresholds for Air Basin Attainment of State and Federal Ambient Air Quality Standards

Appendix G in the CEQA Guidelines states that the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to determine the Project's level of impact. SJVAPCD's published guidelines in the 2015 GAMAQI which includes the following thresholds, as shown in Table 3.3-2.

Table 3.3-2. SJVAPCD Construction and Operational Thresholds of Significance

Pollutant/Precursor	Construction Emissions (tons per year)	Operational Emissions (tons per year)
CO	100	100
NOX	10	10
ROG	10	10
SOX	27	27
PM_{10}	15	15
$PM_{2.5}$	15	15

Notes:
ROG = reactive organic compounds; NO_x = nitrogen oxides; CO= carbon monoxide; SO_x = sulfur oxides; PM_{10} = particulate matter; $PM_{2.5}$ = fine particulate matter
Source: San Joaquin Valley Air Pollution Control District 2015

The SJVAPCD's 2015 GAMAQI introduced screening-level thresholds for construction and operational emissions to help determine when an ambient air quality analysis (AAQA) must be performed. An AAQA would entail the use of air dispersion modeling to determine whether emission increases from a project will cause or contribute to a violation of the CAAQS or NAAQS. The SJVAPCD's AAQA screening-level thresholds are 100 pounds per day of any criteria pollutant; projects with emissions in excess of this threshold would require dispersion modeling, while projects below this threshold are presumed to not result in a violation of the CAAQS or NAAQS. While the SJVAPCD's AAQA screening-level thresholds are presented in pounds per day, they have been annualized and converted to tons per year for comparison to the Project's annual emissions. The annualization is calculated from the SJVAPCD's 100 pounds per day AAQA screening-level threshold and the assumed corresponding 250 day construction period, resulting in a calculated annual AAQA-equivalency threshold of 12.5 tons per year.

Health-Based Thresholds for Project-Generated Pollutants of Human Health Concern

As discussed above, all criteria pollutants are associated with some form of health risk (e.g., asthma, asphyxiation). Adverse health effects associated with criteria pollutant emissions are highly dependent on a multitude of interconnected variables (e.g., cumulative concentrations, local meteorology and atmospheric conditions, as well as the number and character of exposed individuals [e.g., age, gender]). Moreover, ozone precursors (ROG and NO_X) affect air quality on a regional scale. Health effects related to ozone are therefore the product of emissions generated by numerous sources throughout a region. Existing models have limited sensitivity to small changes in criteria pollutant concentrations, and, as such, translating Project-generated criteria pollutants to specific health effects would produce meaningless results.

In an amicus curiae brief filed in a court case for the Friant Ranch Project in Fresno County, SJVAPCD has stated that there is a distinction between TACs and criteria air pollutants with respect to local health risk assessments. While local health risk assessments for TACs are routinely performed, SJVAPCD concluded that a local health risk assessment for criteria air pollutants would produce "speculative results". The results of such an analysis would be speculative and not produce reliable information, because the currently available modeling tools "are not well suited" to correlate an individual project's criteria air pollutant emissions and specific health outcomes. Due to the complex processes by which ozone formation occurs, increases in specific amounts of ozone precursor emissions (ROG and NOx) from projects do not lead to consistent concentrations of ozone. Further, SJVAPCD has concluded that, in the event that modeling tools are developed in the future that are sufficient to correlate a project's emissions with ozone formation and concentrations, there are currently no tools available to determine specific health outcomes associated with specific ozone concentrations. Current models have been designed to evaluate health outcomes at a regional level and not at a localized level (Supreme Court of California 2015).

As such, an analysis of impacts on human health associated with Project-generated regional emissions is not included in the Project-level analysis. Increased emissions of ozone precursors (ROG and NO_X) generated by the Project could increase photochemical reactions and the formation of tropospheric ozone, which at certain concentrations, could lead to respiratory symptoms (e.g., coughing), decreased lung function, and inflammation of airways. As documented by SJVAPCD in their amicius curiae brief, summarized above, although these health effects are associated with ozone the impacts are a result of cumulative and regional ROG and NO_X emissions; therefore, specific health outcomes from criteria pollutant emissions cannot be solely traced to the Project.

Because localized pollutants generated by a project can directly affect adjacent sensitive receptors, the analysis of Project-related impacts on human health focuses only on those localized pollutants with the greatest potential to result in a significant, material impact on human health. This is consistent with the current state-of-practice and published guidance by the California Air Pollution Control Officers Association (2009), California OEHHA (2015), and CARB (2000). These pollutants are (1) DPM,[1] (2) locally concentrated CO, and (3) asbestos. As discussed above, the Project is not located in an area with any reported historic asbestos mines, historic asbestos prospects, asbestos-

[1] DPM is the primary TAC of concern for mobile sources—of all controlled TACs, emissions of DPM are estimated to be responsible for about 70 percent of the total ambient TAC risk. Given the risks associated with DPM, tools and factors for evaluating human health impacts from Project-generated DPM have been developed and are readily available. Conversely, tools and techniques for assessing Project-specific health outcomes as a result of exposure to other TAC (e.g., benzene) remain limited. These limitations impede the ability to evaluate and precisely quantify potential public health risks posed by TAC exposure.

bearing talc deposits, fibrous amphiboles, or ultramafic rock outcrops. The proposed Project will not remove any buildings or structures that could contain asbestos containing materials or lead based materials. As such, this analysis focuses on DPM and locally concentration CO.

Localized Diesel Particulate Matter Concentrations

The following criteria from SJVAPCD's 2015 GAMAQI were used to determine whether the Project would result in a significant health risk from receptor exposure to DPM.

- The project would result in increased cancer risk of more than 20 in 1 million or increased non-cancer risks of greater than 1.0 hazard index[2].

Localized Carbon Monoxide Concentrations

The following criteria from SJVAPCD's 2015 GAMAQI were used to determine whether the Project would result in a significant health risk from receptor exposure to CO.

- A traffic study for the project indicates that the Level of Service (LOS) on one or more streets or at one or more intersections in the project vicinity will be reduced to LOS E or F.
- A traffic study indicates that the project will substantially worsen an already existing LOS F on one or more streets or at more or more intersections in the project vicinity.

Odors

Odors would be considered significant if the Project would be located within one mile of sensitive receptors and would receive more than one confirmed odor complaint per year averaged over a three-year period or three unconfirmed odor complaints per year averaged over a three-year period.

Discussion of Potential Impacts

This section describes the environmental impacts of the Project in the context of air quality. It describes the methods used to evaluate the impacts and the thresholds used to determine whether an impact would be significant.

a) The Project would have a less than significant impact on implementation of the applicable air quality plan.

A project would be deemed inconsistent with air quality plans if it would result in population and/or employment growth that exceeds estimates used to develop applicable air quality plans. Projects that propose development that is consistent with the growth anticipated by the relevant land use plans would be consistent with the current SJVAPCD air quality plans. If a project proposes development that exceeds the anticipated growth projections, the project would be in conflict with the SJVAPCD air quality plans and might have a potentially significant impact on air quality, because emissions would exceed estimates developed for the region.

2 Non-cancer health hazards for chronic and acute diseases are expressed in terms of a hazard index (HI), a ratio of TAC concentration to a reference exposure level (REL), below which no adverse health effects are expected, even for sensitive individuals.

As discussed in Section 3.11, *Land Use and Planning*, the Project would not conflict with any applicable land use plan, as the proponents of the proposed Hilmar Biogas Upgrade Facility Project have submitted an application to Merced County for a new Conditional Use Permit (CUP) to allow these uses to construct and operate the proposed biogas processing Plant and associated Pipeline. With approval of a CUP, the proposed Project would be consistent with applicable land use policies and regulations in Merced County. Consequently, the Project is consistent with the applicable land use plan (Merced County General Plan) and would thus not conflict with the land use assumptions used to develop applicable air quality plans.

As discussed in Section 3.14, *Population and Housing*, the proposed biogas processing Plant and associated Pipeline are located in an area dominated by agricultural uses, and the proposed Project does not include the construction of any residential structures. Implementation of the Project would not result in a new or different type of use for the area, nor would the Project create or improve any infrastructure serving the site or region that could lead to substantial unplanned population growth. The proposed Project is consistent with Merced County land use plans, and no modification of land use and development policies would be necessary to connect the Pipeline to the existing dairy biogas digester facilities. Additionally, as described in Section 3.02, *Agriculture and Forestry Resources*, the proposed biogas processing Plant would be located on Department of Conservation-designated urban and built-up land and would serve as an agricultural supporting use, making it consistent with the existing agricultural land use and zoning for the parcel. Accordingly, the Project would be consistent with recent growth projections for the region.

Although the Project would result in criteria pollutant emissions during the construction and operational periods, the emissions would not be expected to exceed SJVAPCD significance thresholds nor impede attainment or maintenance of the NAAQS or CAAQS.

Because the Project would not conflict with any applicable land use plan or policy, would be consistent with recent growth projections for the region, and would not exceed SJVAPCD's significance thresholds, it would not conflict with or obstruct implementation of the current SJVAPCD air quality plans. Therefore, the impact would be **less than significant**.

b) The Project would have a less than significant impact related to a cumulatively considerable net increase in criteria pollutants.

Construction

Construction of the Project has the potential to result in air quality impacts through the use of heavy-duty construction equipment, construction worker vehicle trips, and on-road truck hauling trips. Additionally, off-gassing from paving and architectural coating activities would result in ROG emissions, and fugitive dust emissions would result from site preparation and grading activities. The quantified estimates of criteria pollutant emissions from construction activities were produced using a combination of emission factors and methodologies from the California Emissions Estimator Model (CalEEMod), version 2020.4.0; and EPA's AP-42 Compilation of Air Pollutant Emission Factors (AP-42) based on Project-specific construction data (e.g., schedule, equipment, truck volumes). Refer to Appendix 3.3-A for the assumptions used in the air quality analysis and a more detailed description of methodology.

Construction the Project is anticipated to begin in 2021 and end in 2022. The emissions that would result in each year of construction have been individually compared to the SJVAPCD's thresholds of significance (as shown in Table 3.3-2). The annual emissions that have been quantified for the Project construction activities are shown in Table 3.3-3.

Table 3.3-3. Annual Emissions of Criteria Pollutants from Construction Activities by Year (tons per year)

Year of Construction	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
2021	0.09	0.86	0.78	<0.01	0.11	0.05
2022	0.17	1.58	1.57	<0.01	0.15	0.09
Rolling 12 month average (combined)[1]	0.26	2.45	2.36	<0.01	0.27	0.13
SJVAPCD Annual Threshold	10	10	100	27	15	15
SJVAPCD AAQA screening-level thresholds[2]	9.15	9.15	9.15	9.15	9.15	9.15
SJVAPCD Threshold Exceed?	No	No	No	No	No	No

Notes: ROG = reactive organic compounds; NO_x = nitrogen oxides; CO= carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter

[1] According to the GAMAQI, annual construction emissions should be evaluated on a rolling 12-month period.

[2] The SJVAPCD's 100 pounds of pollutant-per-day AAQA screening-level thresholds have been annualized and converted to tons per year for comparison to the Project's annual emissions. The annualization is based on 100 pounds per day over the assumed 183 day construction period during the seven months of construction.

Based on the levels of emissions in Table 3.3-3, Project construction activities would be substantially below the SJVAPCD's adopted numeric threshold for criteria pollutants and the AAQA screening-level threshold in all years of construction and would thus not result in a violation of the CAAQS or NAAQS. Construction emissions would also be well below the AAQA screening-level threshold, and thus no further air dispersion modeling is required. Construction of the Project would not result in a violation of the CAAQS or NAAQS. Consequently, this would be a **less than significant** impact.

Operation

During the operational phase of the Project, mobile source emissions would be generated by the additional employee vehicles that would travel to and from the Project site. Area source emissions would be caused by incidental activities related to the Plant. The Project would not result in direct energy source emissions at the Project site, because the additional facilities would use electricity and not natural gas. While natural gas results in combustion and hence criteria pollutant emissions, electricity is produced offsite and it is not standard practice to attribute emissions from electricity consumption to a single project. Both the mobile and energy source emissions have been incorporated in the evaluation of the Project's long-term operational impacts and were quantified using CalEEMod. Additionally, off-road source emissions would be created by the use of an aerial lift and crane twice a year to remove and replace carbon filters. Refer to Appendix 3.3-A for the CalEEMod output files.

The estimated annual operational emissions from the Project uses are presented in Table 3.3-4 and are compared to SJVAPCD's criteria pollutant threshold in addition to the calculated annual AAQA-equivalency threshold of 18.25 tons per year (100 pounds per day average over 365 days per year for Project operation).

Table 3.3-4. Operational Emissions of Criteria Pollutants (tons per year)

Operational Emissions Source	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area Sources	0.66	<0.01	<0.01	<0.01	<0.01	<0.01
Energy Source	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mobile Sources	<0.01	0.01	0.05	<0.01	0.01	<0.01
Off-road Sources	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Operational Emissions	0.67	0.02	0.06	<0.01	0.01	<0.01
SJVAPCD Threshold	10	10	100	27	15	15
SJVAPCD AAQA screening-level thresholds[1]	*18.25*	*18.25*	*18.25*	*18.25*	*18.25*	*18.25*
Exceeds Threshold?	No	No	No	No	No	No

Notes: ROG = reactive organic compounds; NOx = nitrogen oxides; CO= carbon monoxide; SOx = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter

[1] The SJVAPCD's 100 pounds of pollutant-per-day AAQA screening-level thresholds have been annualized and converted to tons per year for comparison to the proposed Project's annual emissions. The annualization is based on 100 pounds per day over 365 days per year.

As shown in Table 3.3-4, the emissions generated from operation of the Project would be substantially below the SJVAPCD's adopted numeric threshold for criteria pollutants. Operational emissions would also be well below the AAQA screening-level threshold and thus no further air dispersion modeling is required. The Project would not result in a violation of the CAAQS or NAAQS, and this impact would be **less than significant**.

c) The Project would have a less than significant impact on exposure of sensitive receptors to substantial pollutant concentrations.

Sensitive land uses are defined as locations where human populations, especially children, seniors, and sick persons, are located and where there is reasonable expectation of continuous human exposure, according to the averaging period for the air quality standards (i.e., 24 hours, 8 hours). Per SJVAPCD, typical sensitive receptors are schools, parks and playgrounds, day care centers, nursing homes, hospitals, and residential dwelling unit(s). The nearest sensitive land is a residential dwelling unit located approximately 110 feet east of the proposed Plant, where majority of construction activities would occur. The nearest sensitive receptor to the proposed underground pipeline would be approximately 30 feet away along American Avenue.

The primary pollutants of concern with regard to health risks for sensitive receptors are criteria pollutants (including localized CO hot spots), asbestos, diesel particulate matter (DPM), and localized $PM_{2.5}$. Each of these pollutants, including the potential impact on nearby receptors, is analyzed in the paragraphs that follow.

Criteria Pollutants

As discussed above, SJVAPCD has developed region-specific CEQA thresholds of significance in consideration of existing air quality concentrations and attainment designations under the NAAQS and CAAQS. The NAAQS and CAAQS are informed by a wide range of scientific evidence that demonstrates that there are safe concentrations for criteria pollutants. Although recognizing that air quality is a cumulative problem, SJVAPCD considers the impacts of projects that generate criteria pollutant and ozone precursor emissions that are below the thresholds to be minor in nature. Such projects would not adversely affect air quality or cause the NAAQS or CAAQS to be exceeded.

As shown in Table 3.3-3, construction of the Project would not generate regional criteria pollutants that would be in excess of SJVAPCD thresholds. As such, construction of the Project would not be expected to contribute a significant level of air pollution that would degrade air quality within the SJVAB. For criteria air pollutants during construction, the Project would not expose receptors to substantial pollutant concentrations or risks. Thus, a **less than significant** impact would occur.

As shown in Table 3.3-4, operation of the Project would not generate regional criteria pollutants or precursors that would exceed SJVAPCD's thresholds of significance. For criteria air pollutants during operations, the Project would not expose receptors to substantial pollutant concentrations or risks. Thus, a **less than significant** impact would occur.

Valley Fever

Disturbance of soil containing *Coccidioides* fungus could expose the general public to spores known to cause Valley Fever. Over 75% of Valley Fever cases in California have been in people who live in the San Joaquin Valley. Fresno County has a relatively high Valley Fever rate, with greater than 10 cases reported per 100,000 people per year between 2008 and 2012 (California Department of Public Health 2016). Construction activities in areas known to contain *Coccidioides* fungus may expose workers and the general public to spores that could result in Valley Fever. However, construction of the Project would be required to comply with SJVAPCD Regulation VIII to implement a Dust Control Plan. Compliance with SJVAPCD Regulation VIII/Dust Control Plan would reduce the risk of contracting Valley Fever. Thus, this impact is considered **less than significant**.

Toxic Air Contaminants

Construction

Asbestos

Asbestos is a naturally occurring mineral that was once used in building construction because of its heat resistance and strong insulating properties. Exposure to asbestos, however, has been shown to cause many disabling or fatal diseases, including lung cancer, mesothelioma, and pleural plaques. The Project would not demolish any buildings as part of construction activities but would require grading/excavation and trenching. However, the Project site is not within an area known to have naturally occurring asbestos. Thus, impacts associated with asbestos emissions would be **less than significant**.

Diesel Particulate Matter and Localized $PM_{2.5}$

Cancer risks associated with exposure to DPM are typically associated with chronic exposure (i.e., a 30-year exposure period). As stated previously, the closest sensitive receptors to the Plant are residences located approximately 110 feet east of the Project site. Accordingly, a health risk assessment (HRA) was undertaken to assess inhalation cancer risks, non-cancer hazard impacts, and $PM_{2.5}$ concentrations, as recommended in SJVAPCD's 2015 GAMAQI.

During construction activities, DPM and $PM_{2.5}$ exhaust emissions would be generated by heavy-duty off-road equipment as well as heavy-duty trucks. Additionally, employee vehicles would generate $PM_{2.5}$ exhaust emissions.

The HRA was prepared consistent with guidance from EPA, the California Environmental Protection Agency, the Office of Environmental Health Hazard Assessment (OEHHA), and SJVAPCD. More specifically, the HRA relied on EPA's most recent dispersion model, AERMOD (version 19191).

Calculations of cancer risk and chronic non-cancer risks relied on the assessment values developed from OEHHA's *Air Toxics Hot-spots Program, Risk Analysis Guidelines* (OEHHA 2015). Refer to Appendix 3.3-A for more detailed modeling assumptions and AERMOD outputs.

Table 3.3-5 presents the health risks for maximally impacted residential receptors. Cancer risk was evaluated based on an exposure duration of 7 months, consistent with the construction schedule. As shown in Table 3.3-5, the cancer risk would be 11.5 in a million, which would be below the adopted SJVAPCD cancer risk threshold of 20 in a million. Furthermore, the Project's non-cancer hazard index would be below the SJVAPCD threshold of 1.0. Therefore, short-term construction emissions would not expose sensitive receptors to substantial pollutant concentrations and impacts would be **less than significant.** Refer to Appendix 3.3-A for more detailed modeling assumptions and AERMOD outputs.

Table 3.3-5. Estimated Project-Level Health Risk Results from Construction

Scenario	Cancer Risk (cases per million)[a]	Non-Cancer Hazard Index[b]
Construction[c]	11.5	0.03
SJVAPCD Significance Threshold	20	1.0
Exceeds Threshold?	No	No

$\mu g/m^3$ = micrograms per cubic meter; $PM_{2.5}$ = particulate matter no more than 2.5 microns in diameter

Notes:

[a] Cancer risk was evaluated based on an exposure duration of approximately 7 months of construction.

[b] Non-cancer hazard index were based solely on annual construction emissions.

[C] The maximally impacted residential receptor is located at Universal Transverse Mercator (UTM) Zone 10 S, Easting: 690272.00 m E, Northing: 4144411.00 m N.

Operation

Diesel Particulate Matter

During the operational period of the Project, there would be no major sources of diesel particular matter at the facility and there would be no new stationary combustion equipment present at the new facilities. With respect to mobile sources of diesel particulate matter, the forklift and crane that would be used twice a year may be diesel. However, it is anticipated that they would be used for a short period of time and only twice a year. The Project would not have any other DPM emitting sources. As such, the operational period of the Project would not expose sensitive receptors to substantial pollutant concentrations and impacts would be **less than significant**.

Carbon Monoxide

According to Section 3.17, *Transportation and Traffic*, operational traffic would include personnel conducting inspections and routine maintenance. The proposed Project would employ approximately five employees, which would generate a maximum of five daily round trips. Because of the existing low levels of local traffic in the vicinity, and because minimal new trips would be generated by the proposed Project modification, congestion on nearby roadways would not increase. There would be no reduction of the existing LOS on nearby roads, and the Project would not conflict with any applicable congestion management plan. As such, the Project would not worsen the LOS at any intersection or on any roadway segment, and neither of the SJVAPCD screening criteria conditions would be met. Therefore, the proposed Project would not generate CO hotspots, and this impact would be **less than significant**.

d) The Project would have a less than significant impact resulting from objectionable odors affecting a substantial number of people.

Construction

During construction of the proposed Project, diesel exhaust from construction equipment and activities associated with the application of architectural coatings or paving may produce discernible odors. These odors are typical of most construction sites. Such odors may be a temporary source of nuisance to the nearest sensitive receptor, approximately 110 feet away, but would not affect a substantial number of people. Furthermore, Title 13, Section 2485 of the California Code of Regulations limits the idling of a vehicle's primary diesel engine to 5 minutes at any location. Compliance with this CCR would help further reduce detectable exhaust odors. In addition, any construction odors would cease after construction is completed. The impact would be **less than significant**.

Operation

The SJVAPCD has identified certain types of land uses as being commonly associated with odors. Based on these land uses, the SJVAPCD has established screening criteria that identifies reasonable buffer distances by odor-generating facility in which the location of sensitive receptors located within these distances could result in significant odor impacts. Table 3.3-6 summarizes the SJVAPCD's odor screening distances as a function of facility type.

Table 3.3-6. SJVAPCD Project Screening Trigger Levels for Potential Odor Sources

Type of Facility	SJVAPCD Recommended Buffer Distance
Wastewater Treatment Facilities	2 miles
Sanitary Landfill	1 mile
Transfer Station	1 mile
Composting Facility	1 mile
Petroleum Refinery	2 miles
Asphalt Batch Plant	1 mile
Chemical Manufacturing	1 mile
Fiberglass Manufacturing	1 mile
Painting/Coating Operations (e.g. auto body shops)	1 mile
Food Processing Facility	1 mile
Feed Lot/Dairy	1 mile
Rendering Plant	1 mile

Source: San Joaquin Valley Air Pollution Control District 2015

The Project involves the construction of a Plant to gather and process biogas from seven dairy digesters for eight dairies. The proposed Project would not add additional feed lots/dairy land uses. Thus, the proposed Project would not add a new facility or land-use type that is shown in Table 3.3-6. Furthermore, while the Plant would concentrate potential odor sources from the production of RCNG to a single area, the Plant would process these gases in a closed system which would remove any potential odor impacts. As such, the operations of the proposed Project would not cause nuisance odors, and a **less than significant** impact would occur.

3.4 Biological Resources

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Environmental Setting

This section describes biological resources and potential impacts on such resources that could result from construction and operation of the proposed Project. This section also presents the measures identified to mitigate impacts resulting from Project implementation. For purposes of this analysis, the study area used for evaluating biological resources and Project effects includes a 50-foot-wide corridor centered on the proposed Pipeline alignment and biogas upgrade Plant (Appendix A, Figure 3.04-1a-h).

The proposed study area is located in north central Merced County, immediately north and northwest of unincorporated Hilmar. Much of the study area consists of agricultural land, dairy farms, and highly developed agricultural processing buildings associated with the dairies. At the time of the March 2021 site visit, the agricultural fields were growing wheat and the orchards were growing almonds. The study area also includes disturbed/unvegetated areas and landscaped vegetation adjacent to the dairies. Each dairy has a maintained water treatment pond(s) created and maintained by the dairies for facility operation and maintenance.

The proposed Plant, just north of the Hilmar Cheese Company processing facilities, would convert land from an existing agricultural use to an industrial facility. An underground Pipeline would connect the surrounding dairies digesters to the Plant by way of farm roads and public roads (Figure

3.04-1a-h). The Pipeline would extend as far west as the Ahlem Farms Partnership, located between Prairie Flower Road and Faith Home Road; as far south as the Vierra Farms Dairy, located between Williams and Geer Road; and as far north and east as the Plant.

A system of concrete-lined irrigation canals run directly adjacent to and, in some areas, intersect the proposed Pipeline alignment. These canals are managed by the Turlock Irrigation District. The canals flow east to west over uplands and appear be fed from Turlock Lake (a man-made reservoir), ultimately connecting to the Stanislaus River (a traditionally navigable water) approximately 3 miles west of the study area. The study area is relatively flat, with elevations ranging from approximately 70 to 99 feet above mean sea level. Soil types within the study area include Delhi sand, Delhi loamy sand, Hilmar sand, and Hilmar loamy sand (U.S. Department of Agriculture 2021). Because the study area is fully affected by agriculture and development, it does not contain natural land cover or communities, riparian habitat, or other sensitive natural vegetation communities as defined by the California Department of Fish and Wildlife (CDFW) and the U.S. Fish and Wildlife Service (U.S. Fish and Wildlife Service 2021a). Although ornamental landscape is present within the study area, no trees would be removed. Ornamental vegetation is not a sensitive natural community, as indicated by the CDFW Natural Communities List (California Department of Fish and Wildlife 2020).

Land uses in the study area and vicinity are predominantly agricultural (i.e., orchard, row crops, grain), with numerous agricultural and sparse rural residential structures scattered throughout the region, and high-density residential development in Hilmar, approximately 0.25 mile south of the easternmost end of the study area. Figure 3.04-1 a-h of Appendix A depicts the study area, irrigation canals, and maintained water treatment ponds.

Methodology

Impacts on biological resources were evaluated based on the likelihood that special-status species, sensitive habitats, wildlife corridors, and aquatic resources could be present within the study area, and the potential effects that construction or operation might have on these resources. To evaluate whether special-status species or other sensitive biological resources could occur on the study area and vicinity, the ICF biological team (consisting of a botanist/wetlands ecologist and a wildlife biologist) conducted field surveys and reviewed existing resource information pertaining to the study area and vicinity, including the following:

- *Hilmar Cheese Company Facility Expansion Project Draft IS/MND (Major Modification No. MM11-014 to Conditional Use Permit No. CUP08-011*) prepared by ICF (ICF 2019).
- California Natural Diversity Database (CNDDB) species list query of the U.S. Geological Service 7.5-minute Turlock and Hatch quadrangles (California Department of Fish and Wildlife 2021)
- California Native Plant Society Inventory of Rare and Endangered Plants of California species list query of the U.S. Geological Service 7.5-minute Turlock and Hatch quadrangles (California Native Plant Society 2021)
- U.S. Fish and Wildlife Service Information for Planning and Conservation species list query of the study area (U.S. Fish and Wildlife Service 2021a)
- U.S. Fish and Wildlife Service National Wetland Inventory (U.S. Fish and Wildlife Service 2021b)
- Web Soil Survey: Soil Map – Merced Area (U.S. Department of Agriculture 2021)

- Aerial imagery on Google Earth (Google Earth 2021)
- Species distribution and habitat requirements literature

This information was used to develop a list of special-status species and other sensitive biological resources that could be present or are known to occur in the region (generally within a 10-mile radius).

Appendix C lists the special-status plant and wildlife species that have been documented in or have the potential to occur in the Project region. The evaluation of each species' potential to occur within the study area was based on existing habitat conditions in the study area and surrounding vicinity.

ICF biologists conducted a field survey on March 2, 2021 to document existing conditions in the study area. The biological field survey was conducted with the general objectives listed below.

- Identify biological communities and their associated wildlife habitat uses.
- Determine whether suitable habitat is present for special-status species with the potential to occur in the Project region.
- Determine the extent of waters of the United States in the study area.

Existing Conditions

This section provides a discussion of the existing conditions related to biological resources in the study area. The study area for this resource is generally characterized as developed and agricultural (Appendix A, Figure 3.04-1).

A description of the upland and aquatic land cover types and their associated wildlife habitat uses found in the vicinity of the study area is provided below.

Upland Land Cover Types

Developed (non-vegetated)

The developed land cover type consists of paved and dirt roads, including their neighboring road shoulders. The road shoulders were primarily unvegetated and showed signs of being treated with herbicide (Photographs 1 and 3, Appendix B). All dairies, associated processing plants, and residential properties are also included in this land cover type. The dairies and associated processing plants were primarily non-vegetated with the exception of landscaping around the storefronts and visitor centers of the dairies. Most residential properties had some level of ornamental plants surrounding the property. Large stands of eucalyptus were found adjacent to croplands, potentially acting as a wind break (Photograph 2, Appendix B).

Wildlife species occurring in developed, non-vegetated habitats are typically generalists that have adapted to human-modified landscapes. Much of the developed, non-vegetated areas of the study area appeared to provide little to no suitable habitat for wildlife. However, urban-adapted birds such as American crow (*Corvus brachyrhynchos*), Western scrub-jay (*Aphelocoma californica),* American robin (*Turdus migratorius*), Northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), and house finch (*Haemorhous mexicanus*) were observed during the field survey using ornamental trees, landscaped gardens, and lawns within residential properties of the study area. These areas also potentially provide nesting habitat for these species.

Agricultural lands

Croplands or orchards were found throughout the study area. During the survey on March 2, 2021 the croplands were producing wheat and the orchards were producing almonds (Photographs 1 and 2, Appendix B). Some of the wheat fields had small amounts of native and non-native annuals such as common fiddleneck *(Amsinckia intermedia)* or annual meadow grass *(Poa annua)* growing among the wheat but not as a dominant. A portion of the agriculture land in the northeast corner of the study area, the area where placement of the Plant is proposed, was ponded at the time of the survey. Water was being actively managed and fed by a pipe connected to the reservoir adjacent to the ponded area (Photograph 8, Appendix B). At the time of the survey, this area was dominated by annual meadow grass (*Poa annua* [FAC]), with a subdominant of cheeseweed (*Malva parviflora* [UPL]). Google Earth shows that this area had previously contained planted row crops (Google Earth 2021). A previous year's corn stalks were still standing at the time of the survey.

The wildlife habitat value of agricultural land varies and is dependent upon many different factors, including timing of planting and harvesting, crop type, and harvesting method. Crops identified in the study area during surveys, including wheat and alfalfa, provide foraging habitat for raptors, particularly Swainson's hawk (*Buteo swansoni*). Row crops within the study area provide foraging opportunities for Brewer's blackbird (*Euphagus cyanocephalus*) and red-winged blackbird (*Agelaius phoeniceus*). Fallow fields and fallow farmland within the study area provide foraging habitat for several wildlife species, including red-tailed hawk (*Buteo jamaicensis*) western meadowlark (*Sturnella neglecta*), song sparrow (*Melospiza melodia*), and mourning dove (*Zenaida macroura*). Other wildlife species observed in agricultural lands during the survey include yellow-billed magpie (*Pica nuttalli*), northern flicker (*Colaptes auratus*), and common raven (*Corvis corax*).

Aquatic Land Cover Types

A formal wetland delineation was not conducted for the Project. During the March 2, 2021, field survey, an ICF wetland ecologist identified and mapped potential waters of the United States and potential waters of the State within the study area (Appendix A, Figure 3.04-1). Information recorded on these features is presented below.

Water Treatment Ponds

Water treatment ponds are located in each of the eight dairies associated with the Project. The water treatment ponds within and adjacent to the study area were created and maintained by the dairies for facility operation and maintenance. Under the 2015 Clean Water Rule (33 Code of Federal Regulations [CFR] 328.3), wastewater treatment ponds are not likely to be considered waters of the United States and are not likely to be regulated under Section 404 of the Clean Water Act.

Water treatment ponds typically provide habitat for the same species associated with irrigation canals. In addition, detention basins provide habitat for bullfrog (*Lithobates catesbeianus*), common yellowthroat (*geothlypis trichas*), red-winged blackbird (*Agelaius phoeniceus*), and killdeer (*Charadrius vociferus*).

Turlock Irrigation District Canals

A system of concrete-lined irrigation canals exists throughout the study area. These canals run parallel to and cross the Project alignment. The irrigation canal that enters the study area at Lander Avenue, north of the Hilmar Cheese Company facility, is designated as Lateral #6 by the Turlock Irrigation District. Lateral #6 flows east to west over uplands and appears to be fed from Turlock

Lake (a man-made reservoir), approximately 19 miles to the northeast. It appears to ultimately connect to the Stanislaus River (a traditionally navigable water) approximately 3 miles west of the study area. Under the 2015 Clean Water Rule and the 2020 Navigable Water Protection Rule definition of waters of the United States (85 *Federal Register* [FR] 22250 and 33 CFR 328.3), upland irrigation canals (termed *ditches*) are excluded from jurisdication of the U.S. Army Corps of Engineers (USACE) unless they are 1) a traditionally navigable water; 2) a tributary, constructed in a tributary, or able to relocate a tributary; or 3) adjacent to a wetland. In addition, personal communication between the Project wetland ecologist and a USACE regulatory contact for the Project region confirmed this approach (Simmons pers. comm.). Therefore, the irrigation canals in the study area are not likely to be waters of the United States and are not likely to be regulated under Section 404 of the Clean Water Act. Irrigation canals mapped within the study area are depicted in Figures 3.04-1a through 3.04-1h of Appendix A.

Wildlife species that would typically use drainage canals include mallard (*Anas platyrhynchos*), mountain garter snake (*Thamnophis elegans elegans*), savannah sparrow (*Passerculus sandwichensis*), and raccoon (*Procyon lotor*).

Special-Status Species

"Special-status species" refers to plant, animal, and fish species that are legally protected under the federal Endangered Species Act, California Endangered Species Act, or other regulations as well as species considered sufficiently rare by the scientific community to qualify for such listing.

Special-Status Plants

Prior to the field survey, a list of special-status plant species with potential to occur within a 5-mile radius of the study area was developed, based on results of database searches of the CNDDB, California Native Plant Society Inventory of Rare and Endangered Plants, and the U.S. Fish and Wildlife Service list of endangered, threatened, and proposed species within the Project region (California Department of Fish and Wildlife 2021; California Native Plant Society 2021; U.S. Fish and Wildlife Service. 2021). A total of four special-status plant species and 25 wildlife species with potential to occur in the study area were identified as having potential to occur in the vicinity (Appendix C). During the field survey, the ICF botanist determined that no suitable habitat or microhabitat conditions exist in the study area for the four special-status plants identified as having potential to occur in the study area. No special-status plants were identified during the field surveys, and none have been previously reported in the study area. Therefore, this IS/MND concludes that special-status plants are not expected to occur in the study area and will not be affected by the proposed Project.

Special-Status Wildlife

Based on a review of the CNDDB search results; the U.S. Fish and Wildlife Service list of endangered, threatened, and proposed species within the Project region; and species' distribution and habitat data, 25 special-status wildlife species were identified as having the potential to occur within a 5-mile radius of the study area (Appendix C). During the field surveys, an ICF biologist determined that suitable nesting and foraging habitats are present for one special-status species, Swainson's hawk. Many of the species listed in Appendix C were eliminated from further consideration because suitable habitat for these species is not present in the Project area or because the species range does not extend into the Project area. A brief explanation for the absence of these species and their habitats is provided in (Appendix C). Non-Special-Status Migratory Birds and Raptors

The study area also supports suitable nesting habitat for non-special-status migratory birds and raptors. Although these species are not considered special-status wildlife species, their occupied nests and eggs are protected by California Fish and Game Code Sections 3503 and 3503.5 and the federal Migratory Bird Treaty Act (MBTA).

Agricultural and fallow fields, and ruderal grasslands provide suitable nesting habitat for ground-nesting birds including western meadowlark (*Sturnella neglecta*) and horned lark (*Eremophila alpestris*). Ornamental trees associated with residential properties, including *Eucalytpus* sp., are found throughout and adjacent to the study area and provide suitable nesting habitat for a variety of passerines and raptors, including American crow (*Corvus brachyrhynchos*), common raven (*Corvus corax*), California scrub jay (*Aphelocoma californica*), yellow-billed magpie (*Pica nuttalli*), red-tailed hawk (*Buteo jamaicensis*), and red-shouldered hawk (*Buteo lineatus*).

Regulatory Setting

Regulations applicable to the proposed Project are described in the Merced County 2030 General Plan PEIR (Merced County 2013). Additional regulations, which apply to the proposed Project but were not included in the Merced County 2030 General Plan EIR are presented below.

Federal

Clean Water Act

The Clean Water Act (CWA) was passed by Congress in 1972 with a broad mandate to "restore and maintain the chemical, physical, and biological integrity of the nation's waters." The chief purpose of the CWA is to establish the basic structure for regulating discharges of pollutants into waters of the United States. The CWA authorizes the U.S. Environmental Protection Agency (EPA) to set national water quality standards and effluent limitations; it also includes programs for addressing both point-source and nonpoint-source pollution. Point-source pollution is pollution that originates or enters surface waters at a single, discrete location, such as an outfall structure or an excavation or construction site. Nonpoint-source pollution originates over a broader area and includes urban contaminants in stormwater runoff and sediment loading from upstream areas. The CWA operates on the principle that all discharges into the nation's waters are unlawful unless specifically authorized by a permit; permit review is the CWA's primary regulatory tool.

In 2020, an update to the CWA was published by USACE (85 FR 22250), titled the Navigable Waters Protection Rule. This document further clarifies the USACE's definition of "waters of the United States" under the CWA. Four categories of jurisdictional waters (territorial seas and traditional navigable waters; perennial and intermittent tributaries to those waters; certain lakes, ponds, and impoundments; and wetlands adjacent to jurisdictional waters) are provided in the Navigable Waters Protection Rule in addition to detailed exclusions for many water features that traditionally have not been regulated. As part of the CWA, Congress explicitly directed the agencies to protect "navigable waters." This final rule became effective on June 22, 2020.

Section 402: Permits for Stormwater Discharge

CWA Section 402 regulates construction-related stormwater discharges to surface waters through the National Pollutant Discharge Elimination System (NPDES) program, administered by EPA. In California, the State Water Resources Control Board (State Water Board) is authorized by EPA to oversee the NPDES program through the Regional Water Quality Control Boards (RWQCBs).

NPDES permits are required for projects that disturb more than 1 acre of land. The NPDES permitting process requires an applicant to file a public notice of intent to discharge stormwater and to prepare and implement a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP must include a site map, a description of proposed construction activities, and the BMPs that will be implemented to prevent soil erosion and discharge of other construction-related pollutants (e.g., petroleum products, solvents, paints, and cement) that could contaminate nearby water resources. Permittees are required to conduct annual monitoring and reporting to ensure that BMPs are correctly implemented and effective in controlling the discharge of stormwater-related pollutants.

Regional and Local Regulation

Hilmar Community Plan 2008

Chapter 7 Open Space and Conservation

Objective: OS 2.0 Protect special status species in accordance with federal and state regulatory requirements.

Policy: OS 2.1 *S*urvey and identify potential special status species habitat prior to development activity.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact with mitigation incorporated, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.

Candidate, sensitive, or other special-status species listed in local or regional plans, policies, or regulation or by the CDFW or U.S. Fish and Wildlife Service with potential to occur on the study area or its vicinity could be adversely affected during construction of the Pipeline and Plant. Potential impacts on special-status species including Swainson's hawk, in addition to other raptors and bird species regulated by the MBTA, would be considered significant; however, impacts can be reduced to a less-than-significant level through the implementation of Mitigation Measures BIO-1 listed below.

Large trees located outside but within 0.5 mile of the study area provide suitable nesting substrate for Swainson's hawk and other raptors regulated by the MBTA. These trees include eucalyptus (*Eucalyptus* spp.) associated with the rural structures and residences located east, west, and north of the Project alignment. Construction-related Project activities have the potential to affect active nests of raptors and other bird species regulated by the MBTA if any are located within or near the study area. However, these impacts would be reduced to less than significant through the implementation of Mitigation Measure BIO-1. Operations of the facilities would not affect nesting Swainson's hawks, other raptors regulated by the MBTA, or nesting habitats. Existing operational facilities are present within the Project footprint. Mitigation would not be required.

Installation of the underground biogas collection pipelines would occur within heavily disturbed road shoulders or agricultural roads, which provide only marginal foraging habitat for Swainson's hawk. This disturbance would be temporary, and the habitat would revert back to existing conditions. Construction of the Plant would remove approximately 3.0 acres of fallow agricultural

fields (formally wheat) along Lander Avenue in the northeast portion of the study area (Figure 2-2) that represent potential foraging habitat for Swainson's hawk and other bird species regulated by MBTA. Permanent removal of 1 acre of potential foraging habitat would not substantially decrease the available foraging habitat for locally nesting birds, including Swainson's hawks. Foraging habitat is not a limited resource within the Project vicinity because large tracts of agricultural lands are present within a 10-mile radius around the study area that provide foraging opportunities for Swainson's hawks and other nesting birds. Therefore, the loss of 1 acre of potential foraging habitat for Swainson's hawk would not have a significant impact on locally nesting Swainson's hawk. The Project would have a **less-than-significant impact with mitigation incorporated.**

b) The Project would have no impact on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.

There is no riparian habitat or other sensitive natural community within the study area. Therefore, construction and operation of the proposed Project would have **no impact** on riparian habitat or other sensitive natural communities.

c) The Project would have no impact on state or federally protected wetlands (including, but not limited to, marshes, vernal pools, coastal waters, etc.) through direct removal, filling, hydrological interruption, or other means.

There are no federally protected wetlands, marshes, vernal pools, or coastal waters in the vicinity of the study area that could be affected by construction and operation of the proposed Project. Therefore, construction and operation of the proposed Project would have **no impact** on state or federally protected wetlands (including, but not limited to, marshes, vernal pools, coastal waters, etc.).

d) The Project would have no impact on the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.

The proposed Project is not within an established wildlife corridor and does not involve the construction of extensive facilities or fences that could impede wildlife movement. Therefore construction and operation of the proposed Project would have **no impact** to interfering the movement of any native resident or migratory wildlife species or with established native resident or migratory wildlife corridors, and would not impede the use of native wildlife nursery sites.

e) The Project would have no impact related to local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.

Merced County has no adopted ordinances or programs for the protection of biological resources in the unincorporated areas of the county. Because no locally adopted ordinances or programs exist, construction and operation of the proposed Project would not conflict with any local policies or ordinances pertaining to biological resources in the study area. Therefore, construction and operation of the proposed Project would have **no impact** to interfering with local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.

f) The Project would have no impact related to provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan.

There are no existing or proposed habitat conservation plans or natural community conservation plans within the vicinity of the study area. Therefore, construction and operation of the proposed Project would have **no impact** to interfering with provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan.

Mitigation Measures

Mitigation Measure BIO-1: Avoid disturbance of tree-, shrub-, and ground-nesting migratory birds and raptors (including Swainson's hawk) and conduct preconstruction nesting bird surveys.

If construction activities commence after March 1 of the construction year and cannot be confined to the non-breeding season (September 1 through February 28), preconstruction nesting bird surveys will be conducted before the start of construction.

The preconstruction nesting bird surveys will consist of a minimum of two separate surveys to look for active migratory bird and raptor nests. Surveys will include a search of all trees, shrubs, and ground vegetation that provide suitable nesting substrate in the construction work area. Where access is permitted, a 100-foot area around the construction area will be surveyed for song birds, a 500-foot area around the construction area will be surveyed for common raptors, and a 0.5-mile area around the construction area will be surveyed for Swainson's hawk. The first survey will occur within 14 days prior to construction and the second survey will occur within 48 hours prior to the start of construction or prior to vegetation removal. If no active nests are detected during these surveys, no additional protection measures are required. If there is a lapse in construction activities of 7 days or longer at a previously surveyed area, an additional preconstruction survey will be conducted. If an active nest is found in the survey area, a no-disturbance buffer will be established around the nest site to avoid disturbance or destruction of the nest until the end of the breeding season (August 31) or until after a qualified wildlife biologist determines that the young have fledged and are not dependent on the nest site for feeding (this date varies by species). The extent of these buffers will be determined by the biologist in coordination with the County and CDFW, as applicable. No-disturbance buffer distances will depend on the level of construction disturbance, line-of-sight between the nest and the disturbance, ambient levels of noise and other disturbances in the area near the nest, and other topographical or artificial barriers. Suitable buffer distances may vary between species. Generally, buffer distance will be a minimum of 50 feet for passerines, 300 feet for raptors, and 1,000 feet for Swainson's hawk. If site-specific conditions or the nature of the activity indicate that a smaller buffer could be used, the biologist will coordinate with CDFW to determine the appropriate buffer size and identify additional protection measures (such as nest monitoring), as warranted.

3.5 Cultural Resources

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?	☐	☐	☒	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☒	☐	☐

Environmental Setting

This section describes cultural resources in the study area and impacts on cultural resources that could result from construction and operation of the proposed Project. For the purposes of this analysis, cultural resources include built-environment resources (buildings, structures, objects, districts), archaeological resources, and human remains. This section also presents the measures identified to mitigate impacts resulting from Project implementation. Additional background information is contained in Appendix 3.5-A.

For the purposes of this analysis, the study area for this resource is generally defined as the footprint of the biogas upgrade Plant and associated collection Pipeline corridors. This study area is delineated to consider potential impacts on built-environment and archaeological resources as well as human remains as a result of Project activities, including ground disturbance as well as alteration, relocation, or demolition of buildings, structures, or districts that may intersect with the Project footprint.

In certain instances, a project could result in changes to the general environment of a built-environment resource in a manner that alters significant characteristics of the resource's historic setting, thus meriting a study area that extends beyond the Project footprint to capture those nearby resources whose setting could be changed. However, the proposed Project appears to have little potential to alter the setting of any nearby built-environment resource. The biogas upgrade Plant would be constructed adjacent to an existing storage yard and well that were built in the past 10 years. The scale and utilitarian visual qualities of the proposed Plant would be generally consistent with the characteristics of existing features on the site such that the proposed Project would not substantially alter any views out from or in toward the Project site that may contribute to a built-environment resource's historical significance. Furthermore, the proposed collection Pipeline would be placed below grade in the Merced County right-of-way, largely under existing roads, as well as in agricultural fields on private property. The use of horizontal directional drilling to install the collection Pipeline would further limit the proposed Project's potential to permanently change the setting of any adjacent built-environment resource.

Existing Conditions

This section provides a discussion of the existing conditions related to cultural resources at the Project site and in the study area. Analysis of potential impacts on built-environment resources is based on previous evaluations of components of the Turlock Irrigation District (TID), which cross into the study area and are summarized below. Information regarding archaeological resources is based on a records search and literature review, coordination and consultation with the Native American Heritage Commission (NAHC) and local California Native American tribes, and a pedestrian survey.

Built-Environment Resources

The study area traverses a largely agricultural area of northern Merced County. The terrain of the study area is generally flat, and the landscape is characterized by agricultural fields actively used for cultivation. Rural residences and agricultural support buildings are interspersed throughout Merced County surrounding the study area, which crosses linear features such as rural roadways and irrigation canals.

The study area intersects with two historic-aged (over 50 years old) built-environment resources: Lateral Number Six and Stevinson Upper Lateral, which are both water conveyance features that are components of the TID. The TID is an expansive irrigation water transport system, established in 1887, that extends from the Sierra Nevada foothills into the San Joaquin Valley.

Various features of the TID have received evaluations for historic register listing. Several of the previously recorded and evaluated TID components are located in Stanislaus County, where they are assigned Primary Number P-50-000073 in the California Historical Resources Information System (CHRIS). In 1993, JRP Historical Consulting (JRP) recorded a segment of the TID's Ceres Main Canal near its intersection with State Route 99 and found it significant under National Register of Historic Places (National Register) Criterion A (significant events) for its relationship with the agricultural development of Stanislaus County around the turn of the 20th century. JRP proposed c.1898-1904 as the period associated with this area of significance. However, JRP found that the recorded segment of P-50-000073 no longer retained historical integrity relative to its period of significance—primarily due to previous efforts to construct a concrete lining in the originally dirt-lined canal, as well as substantial changes to the recorded segment's setting, which was historically agricultural in character (JRP 1993a:2-3). Subsequent investigations have documented other components of the TID, and these investigations have also documented the TID's significant associations with the agricultural development of California's Central Valley during the late 19th and early 20th centuries. As with the JRP's 1993 evaluation, multiple investigators have found that other segments of the TID's canals and laterals have concrete linings and other non-original features that diminish the resource's historical integrity (Daly 2009:3: Marvin 2015:3; Patrick and Marvin 2016:1). One previous investigator documented an evaluation that the overall TID retains its historic integrity and therefore is eligible for historic register listing. However, this investigator did not appear to survey the system in its entirety, such that their conclusions about the TID's overall integrity are unsupported (Marvin 1999:2).

Although most previous investigators appear to agree that the TID has had a historically significant role facilitating irrigation and early agricultural development in the San Joaquin Valley, the proposed periods of significance differ. The most expansive of these periods is 1887-1925, which Pamela Daly of Cultural Resources Associates proposed upon recording various canals belonging to the TID in 2009 (Daly 2009:3).

The following presents additional details on the two components of the TID that intersect with the proposed Project's study area:

- Lateral Number Six: Lateral Number Six leads west from Delhi and terminates west of Central Avenue near the San Joaquin River in rural Merced County. JRP recorded a segment of Lateral Number Six northwest of Delhi in 1993, and the resource received the Primary Number P-24-000095 in the CHRIS. Similar to JRP's 1993 evaluation of the Ceres Main Canal, the original recordation of P-24-000095 states it is an original feature of the TID constructed in 1903 and contributed to the significant agricultural development of the surrounding region; however, it has undergone alterations and does not retain historical integrity to convey its significance from the turn of the twentieth century (JRP 1993b:2-3). Gloria Scott of Caltrans subsequently recorded a segment of P-24-000095 along Highway 99 in Delhi in 1995. Scott's evaluation of Lateral Number Six agreed with JRP that the overall resource has significant historical associations; yet changes over time diminished the recorded segment's integrity of materials, design, workmanship, feeling, and association to the extent that it is not eligible for listing in the National Register (Scott 1995:3).
- Stevinson Upper Lateral: Stevinson Upper Lateral diverges from Lateral Number Six east of Tegner Road, west of Hilmar in rural Merced County. The lateral then leads south-southwest, generally following Tegner Road, before turning west south of Bloss Avenue. Stevinson Upper Lateral joins the TID's Lateral Number Seven west of Washington Road. Its date of construction is not determined, but it appears on a 1916 USGS topographic map labeled as Stevinson Ditch (USGS 1916). As such, it appears to date to the period of significance that investigators have previously identified for the TID. Stevinson Upper Lateral has not previously been recorded or evaluated for CEQA historical resource status, either individually or as a component of the larger TID.

Neither the segment of Lateral Number Six that intersects the current study area nor Stevinson Upper Lateral has previously been evaluated to determine whether either resource retains sufficient integrity to contribute to the larger, historically significant, and potentially National Register- and California Register-eligible TID. Given that the proposed Project would not alter the physical characteristics of Lateral Number Six and Stevinson Upper Lateral, as described in greater detail below, the current investigation does not provide a detailed evaluation of either feature but rather assumes that both water conveyance features contribute to the potentially National Register- and California Register-eligible TID, which encompasses water conveyance features located across portions of Merced and Stanislaus counties.

This investigation assumes the segments of Lateral Number Six and Stevinson Upper Lateral are eligible under National Register/California Register Criteria A/1, with a period of significance of 1903-1925. This period begins with the earliest date of construction identified for either of the resources and extends until the latest date that a previous investigator has proposed as the conclusion of the TID's period of significance. The primary character-defining features of the assumed-eligible resources are their alignments through rural Merced County, their largely agricultural setting, and their continued use for irrigation water conveyance. Due to this assumption of the resources' eligibility, they will be treated as CEQA historical resources for the purposes of the current investigation only.

Archaeological Resources

An inventory of cultural resources in the vicinity of the study area was conducted in 2011 and 2018 as part of previous permitting efforts. Efforts in 2011 included a literature review of pertinent

historical information, a review of previously recorded resources and studies conducted in the vicinity, a review of landform data of the area, consultation with Native American groups in the area as well as a pedestrian survey. This inventory did not identify any built-environment or archaeological resources within the site and determined the potential was low for encountering any as-yet undocumented cultural resources (ICF 2011).

Additional review was conducted in 2018 and included an updated records search and literature review as well as consultation with local California Native American tribes, pursuant to Assembly Bill (AB) 52. A pedestrian survey was not conducted as part of the current inventory due to the developed nature of the site as well as the negative results of previous pedestrian surveys. This review did not identify any archaeological resources within the area and concluded that the potential was low for encountering as-yet undocumented archaeological resources (ICF 2018).

Records Search and Literature Review

A records search was completed for this Project at the Central Coast Information Center (CCIC) on February 17, 2021. This search included the study area as well as 0.5-mile of the surrounding area on all sides of the Project. This search did not identify any previously recorded cultural resources within the Project area or within 0.5-mile of the study area,

A portion of the study area has been subject to previous cultural resources study and is detailed below:

- William Self Associates. 1995. *Class 1 Overview - Santa Fe Pacific Pipeline Partners, L.P.; Proposed Concord to Colton Pipeline Project.* ME-02743. This study didn't identify any cultural resources within the study area.

Four additional cultural resources studies were conducted of areas within 0.5-mile of the study area. These studies consist of three archaeological reconnaissance projects and one summary of Native Heritage Commission (NAHC) consultation and did not identify any cultural resources within the study area.

Assembly Bill (AB) 52 Consultation

No local California Native American tribes have contacted Merced County to date and requested consultation under CEQA regarding County projects. However, out of an abundance of caution, the County asked ICF to contact the NAHC and request a list of local California Native American tribes with cultural affiliation to the Project's geographic location in order to determine whether tribal cultural resources are present at the Project site. On February 16, 2021, the NAHC was asked to search its Sacred Lands File (SLF) for information regarding tribal cultural resources in the area and provide a list of Native American representatives who may have relevant information regarding such resources. The NAHC responded on March 11, 2021, stating that the search of the SLF did not identify sensitive areas in the vicinity of the study area. In addition, the NAHC provided a list of five Native American contacts. These individuals are listed below.

- Valentin Lopez, Chairperson – Amah Mutsun Tribal Band
- Timothy Perez, Most Likely Descendent (MLD) – North Valley Yokuts Tribe
- Katherine Perez, Chairperson – North Valley Yokuts Tribe
- William Leonard, Chairperson – Southern Sierra Miwuk Nation

- Neil Peyron, Chairperson – Tule River Indian Tribe

On May 6, 2021, letters with Project details and a location map were sent by email to four of the individuals listed above. The letter addressed to Chairperson Leonard was sent via certified mail on May 7, 2021. The letters explicitly stated that they represented formal notification of a proposed project, as required under CEQA—specifically, Public Resources Code Section 21080.3.1 and Chapter 532 of the Statutes of 2014 (Assembly Bill [AB] 52).

AB 52 consultation material is included in Appendix 3.5-A.

Archaeological Pedestrian Survey

An archaeological pedestrian survey of the study area was conducted on March 2 and 3, 2021. The study area is located in a rural agricultural area comprised of small residences, dairy farms and agricultural fields. The majority of the study area within existing road ROW and developed areas associated with the existing HCC facility. However, some portions of the Pipeline extend into agricultural fields.

During the field survey, all areas were inspected for indications of human activity such as stained midden soils, stone artifacts, historic artifacts, dietary shell and bone, and unnatural depressions or mounds. Boot scrapes were employed throughout to better observe the ground surface.

Ground surface visibility was fair in the majority of the study area because the amount of vegetation obscuring the ground surface was low. Both sides of the existing road ROW were surveyed. In areas where the Pipeline extended into agricultural fields, out and back transects spaced at 30 meter-intervals were walked. Visibility within the planted agricultural fields was low.

No archaeological material was identified during the pedestrian survey.

Regulatory Setting

Federal

National Historic Preservation Act and National Register of Historic Places

State

California Environmental Quality Act

California Register of Historical Resources

Regional and Local Regulation

2030 Merced County General Plan

The 2030 Merced County General Plan includes the following goal and policies related to the protection of built environment resources, archaeological resources, and human remains within the study area: Goal RCR-2, Policy RCR-2.1, Policy RCR-2.2, Policy RCR-2.3, Policy RCR-2.4, Policy RCR-2.5, Policy RCR-2.6, Policy RCR-2.7, Policy RCR-2.8, RCR-2.9, RCR-2.10.

Discussion of Potential Impacts

a) The Project would cause a less-than-significant impact in the significance of a historical resource as defined in § 15064.5.

Construction

As described above, the study area intersects with two built-environment resources that are considered CEQA historical resources for the purposes of the current investigation. Both Lateral Number Six and Stevinson Upper Lateral are components of the larger TID, which previous investigators have found to have historical significance associated with the agricultural development of Stanislaus and Merced counties during the late 19th and early 20th centuries. Although the current investigation has not assessed the integrity of segments of either resource that intersect with the study area, Lateral Number Six and Stevinson Upper Lateral are assumed for the purposes of the current analysis to contribute to the significance of the potentially NRHP-eligible TID. As stated above, the primary character-defining features of the assumed-eligible water conveyance features are their alignments through rural Merced County, their largely agricultural setting, and their continued use for irrigation water conveyance.

Although the study area intersects with these assumed-NRHP-eligible water conveyance features, construction of the proposed Project would not alter any of the physical qualities of the resources or their immediate setting that support the TID's historic significance. The Project activities that would occur nearest the assumed-eligible resources are the installation of collection pipelines. However, the proposed Project would use horizontal directional drilling to install these pipelines, and drilling would occur below the lined beds of both canals and would not result in any changes to the physical attributes of the resources. Following completion of construction, the character-defining features of the assumed-eligible resources would remain unchanged. The proposed Project would not alter the alignments of the TID's lateral canals, any of the resource's physical features, or their continued use providing irrigation water to areas of rural Merced County.

The biogas upgrade Plant would be built in a location that has already experienced some development since the TID's assumed period of significance (1903-1925), and construction of the proposed Project would result in a negligible degree of change to only a small portion of the canals' agricultural setting relative to their expansive lengths. This small degree of change in the resources' setting would not impair their ability to convey their historically significant purpose supporting the agricultural development of rural Merced County. As a result, the impact of the proposed Project's construction on built-environment historical resources would be **less than significant.**

Operation

Once construction of the proposed Project is complete, activities associated with the operations of the Plant associated with the Hilmar Biogas Cluster Project would not involve further changes to the character-defining features and setting of Lateral Number Six and Stevinson Upper Lateral. Because collection pipes would be placed below grade and the majority of the study area would be returned to pre-construction conditions, operations of the proposed Project would not lead to any anticipated change in the features that support the significance of the assumed-eligible built-environment resources. Thus, operations of the proposed Project would have **no impact** to built-environment historic resources.

b) The Project would have a less-than-significant impact with mitigation incorporated on the significance of an archaeological resource pursuant to § 15064.5.

As discussed above, the records search and literature review conducted at the CCIC did not identify any previously recorded archaeological resources within the study area or within 0.5-mile of the study area. A pedestrian survey conducted by a qualified archaeologist found no surficial archaeological material within the study area. Additionally, consultation with the NAHC and local California Native American Tribes did not result in the identification of sensitive areas in the study area. The results of this analysis indicate that the archaeological sensitivity of the study area is low. However, the potential remains for as-yet undocumented archaeological resources to exist within the study area and be encountered during ground-disturbing activities.

Construction

Construction of the Project would result in excavation up to 6 feet below ground surface. This ground disturbance could encounter as-yet undocumented archaeological resources, removing them from their original context and therefore affecting their significance. Ground disturbance also has the potential to destroy portions of archaeological resources. This impact would be significant. Mitigation Measure CUL-1 would provide preconstruction training for all contractors conducting ground disturbance, allowing for the early identification of archaeological resources during construction. Mitigation Measure CUL-1 would also put an inadvertent discovery protocol in place, which would provide steps for the proper treatment of archaeological resources should they be discovered during construction. Implementation of Mitigation Measure CUL-1 would reduce impacts on archaeological resources to **less than significant with mitigation**.

Operation

No ground disturbance is associated with the operation of the proposed Project. Therefore, operations of the proposed Project would have **no impact** to archaeological resources.

c) The Project would have a less-than-significant impact with mitigation incorporated on human remains, including those interred outside of formal cemeteries.

As stated above, no archaeological resources were identified within the study area as a result of the records search and literature review, pedestrian survey or consultation with the NAHC and local California Native American Tribes. This suggests that the archaeological sensitivity of the study area is low. However, the potential remains for as-yet undocumented archaeological resources to exist in the study area, including those with associated human remains that could be encountered during ground-disturbing activities.

Construction

As stated above, Project-related ground disturbance will extend up to 6 feet below ground surface and has the potential to encounter as-yet undocumented archaeological resources, including those with associated human remains. This impact would be significant**.** Implementation of Mitigation Measure CUL-2 would reduce impacts on archaeological resources to **less than significant with mitigation**.

Operation

No ground disturbance is associated with the operation of the proposed Project. Therefore, operations of the proposed Project would have **no impact** to human remains.

Mitigation Measures

Mitigation Measure CUL-1: Inadvertent Discovery Protocol

To allow for the early identification of archaeological resources, the general contractor and those conducting ground-disturbing activities will be given archaeological sensitivity training regarding archaeological resource protection, resource identification and protection, and the laws and penalties governing such protection prior to the start of construction. Should an archaeological resource be encountered during Project construction activities, the construction contractor shall halt construction within 50 feet of the find and immediately notify the County. Construction activities shall be redirected and a qualified archaeologist, in consultation with the County, shall 1) evaluate the archaeological resource to determine if it meets the CEQA definition of a historical or unique archaeological resource and 2) make recommendations about the treatment of the resource, as warranted. If the resource does meet the CEQA definition of a historical or unique archaeological resource, then it shall be avoided to the extent feasible by Project construction activities. If avoidance is not feasible, then adverse effects on the deposit shall be mitigated as specified by CEQA Guidelines Section 15126.4(b) (for historic resources) or Section 21083.2 (for unique archaeological resources). This mitigation may include, but is not limited to, a thorough recording of the resource on Department of Parks and Recreation Form 523 records or archaeological data recovery excavation. If data recovery excavation is warranted, CEQA Guidelines Section 15126.4 (b)(3)(C), which requires a data recovery plan prior to data recovery excavation, shall be followed. If the significant identified resources are unique archaeological resources, mitigation of these resources shall be subject to the limitations on mitigation measures for archaeological resources identified in CEQA Guidelines Sections 21083.2 (c) through 21083.2 (f).

Mitigation Measure CUL-2: Stop Work if Human Remains Are Encountered during Construction Activities.

If human skeletal remains are encountered, ground disturbing activities stop within a 100-foot radius of the discovery. The County Coroner must be contacted immediately and is required to examine the discovery within 48 hours. If the County Coroner determines that the remains are Native American, the Coroner is required to contact the NAHC within 24 hours. A Qualified Archaeologist (QA) should also be contacted immediately. The Coroner is required to notify and seek out a treatment recommendation of the NAHC-designated Most Likely Descendant (MLD).

- If the NAHC identifies an MLD, and the MLD makes a recommendation, and the landowner accepts the recommendation, then ground-disturbing activities may resume after the QA verifies and notices the County that the recommendations have been completed.
- If the NAHC is unable to identify the MLD, or the MLD makes no recommendation, or the landowner rejects the recommendation, and mediation per PRC 5094.98(k) fails, then ground disturbing activities may resume, but only after the QA verifies and notices the County that the landowner has completely reinterred the human remains and items associated with Native American burials with appropriate dignity on the property, and ensures no further disturbance of the site per PRC 5097.98(e) by county recording, open space designation, or a conservation easement.
- If the coroner determines that no investigation of the cause of death is required and that the human remains are not Native American, then ground-disturbing activities may resume,

after the coroner informs Merced County of such determination. According to state law, six or more human burials at one location constitute a cemetery and disturbance of Native American cemeteries is a felony (California Public Resources Code section 21083.2, 5094.98, 5097.5, 5097.9; Health and Safety Code sections 7050.5, 7052).

3.6 Energy

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒

Environmental Setting

This section describes energy in the study area and impacts on energy that could result from construction and operation of the Hilmar Biogas Cluster project (Project), consisting of the central biogas processing plant (Plant) and low-pressure biogas pipeline (Pipeline). The study area is the project footprint, an approximately 49.1-acre rectangular parcel and 10-miles of pipeline running along the Merced County roadway right of way (ROW) within the larger Merced County area. .>

Existing Conditions

Energy resources include electricity, natural gas, and other fuels. The production of electricity requires the consumption or conversion of energy resources, including water, wind, oil, gas, coal, solar, geothermal, and nuclear resources, into energy. Energy production and energy use both result in the depletion of nonrenewable resources, such as oil, natural gas, and coal, and the emission of pollutants.

With a relatively mild Mediterranean climate and strict energy-efficiency conservation requirements, California has lower energy consumption rates than other parts of the county. According to the U.S. Energy Information Administration (U.S. EIA), California's per capita energy consumption ranked 48th in the nation as of 2018 (U.S. EIA 2019); its industrial uses consume 5.6 percent of the total energy consumed nationwide (US EIA 2021a). California has among the lowest annual electrical consumption rates per person of any state. According to the California Energy Commission (CEC), total system electric generation for California in 2019 (the most recent year for which data is available) was approximately 277,704 gigawatt hours. California's non-carbon-dioxide-emitting electric generation categories, including nuclear, hydroelectric, and renewable generation, accounted for more than 57 percent of total in-state generation for 2019. California's in-state electric generation was approximately 200,475 gigawatt hours (CEC 2021). In addition, according to the U.S. EIA, natural gas consumption in California totaled approximately 2,154.03 billion cubic feet in 2019. Commercial uses consumed approximately 12 percent of this total, followed by residential uses (22 percent), and industrial uses (36 percent), among others (US EIA 2021b).

Pacific Gas and Electric (PG&E) provides electricity and natural gas to the majority of Northern California, including Merced County and the Project site. PG&E's service area extends from Eureka to Bakersfield (north to south), and from the Sierra Nevada to the Pacific Ocean (east to west). PG&E purchases power from a variety of sources, including other utility companies. PG&E obtains its energy

supplies from power plants and natural gas fields in Northern California. PG&E operates a grid distribution system that channels all power produced at the various generation sources into one large energy pool for distribution throughout the service territory. PG&E provides electricity and natural gas infrastructure in Merced County. In addition, Turlock Irrigation District also provides electricity services and infrastructure to a portion of Merced County, including the Project site.

In 2019, Merced County consumed a total of 3,699 million kilowatts of electricity. In the county, electricity was consumed primarily by the non-residential sector (80 percent), followed by the residential sector (20 percent) (CEC n.d.). In Merced County, a total of 120 million therms of natural gas were consumed in 2019 (the most recent year for which data are available). In 2019, natural gas in Merced County was consumed primarily by the non-residential sector (78 percent), followed by the residential sector (22 percent) (CEC n.d.).

The location of the proposed Plant is currently comprised of land that is used for agricultural productivity; therefore, there is no existing energy demand.

Regulatory Setting

The following regulations applicable to energy are described in the Merced County 2030 General Plan EIR (Merced County 2013):

- California Energy Efficiency Standards for Residential and Non-residential Buildings—California Green Building Standards Code (2011), Title 24 Updates

State

Renewable Energy Standards

In 2002, California established its Renewables Portfolio Standard (RPS), with the goal of increasing the percentage of renewable energy in the State's electricity mix. Specifically, renewable energy would account for 20 percent of retail sales by 2010. In 2006, this goal was codified in Senate Bill (SB) 107. Under the provisions of SB 107, investor-owned utilities were required to generate 20 percent of their retail electricity from qualified renewable energy technologies by the end of 2010. In 2008, Executive Order (EO) S-14-08 was signed into law, requiring retail sellers of electricity to derive 33 percent of their energy from renewable sources by 2020.

Senate Bill 350 (2015), Chapter 547, Clean Energy and Pollution Reduction Act of 2015

SB 350 (DeLeon), also known as the Clean Energy and Pollution Reduction Act of 2015, was approved by California legislature in September 2015 and signed by Governor Brown in October 2015. Its key provisions require the following by 2030: 1) to achieve an RPS[1] of 50 percent and 2) to double statewide energy efficiency savings in natural gas and electricity end uses. To help meet these provisions, the Clean Energy and Pollution Reduction Act of 2015 requires large utilities to develop and submit integrated resource plans that detail how they will reduce GHG emissions and increase the use of clean energy resources while meeting customer needs.

[1] The RPS is one of California's key programs for promoting renewable energy use in the State. The program establishes continuous procurement of renewable energy requirements for load-serving entities with the State of California (California Energy Commission 2020b).

SB 100—The 100 Percent Clean Energy Act of 2018

SB 100 builds on SB 350, the Clean Energy and Pollution Reduction Act of 2015, which required the following by 2030: (1) an RPS of 50 percent and (2) a doubling of energy efficiency (electrical and natural gas) by 2030, including improvements to the efficiency of existing buildings. SB 100 increases the 2030 RPS target set in SB 350 to 60 percent and requires an RPS of 100 percent by 2045.

Regional and Local Regulation

PG&E Integrated Resource Plan

PG&E adopted the 2020 Integrated Resource Plan (IRP) on September 1, 2020 to provide guidance for serving the electricity and natural gas needs of residents and businesses within its service area while fulfilling regulatory requirements (PG&E 2020). The IRP contains the following objectives that are relevant to the proposed project:

- **Clean Energy:** In 2019, PG&E delivered nearly 30 percent of its electricity from RPS-eligible renewable resources, such as solar, wind, geothermal, biomass, and small hydropower. In addition, PG&E's GHG-free energy production, which encompasses renewable resources, large hydropower, and nuclear, satisfied all of PG&E's bundled retail sales in 2019.
- **Reliability:** PG&E's IRP analysis includes PG&E's contribution to system and local reliability, in compliance with the CPUC's resource adequacy requirements, especially as California transitions toward higher shares of GHG-free generation resources.
- **Affordability:** PG&E's IRP analysis selects resources to meet the state's clean energy and reliability goals and provides a system average rate forecast in compliance with the CPUC's requirements for investor-owned utilities.

2030 Merced County General Plan

The Land Use Element, Natural Resources Element, and Air Quality Element of the Merced County 2030 General Plan include the following policies relevant to energy resources and efficiency:

- **Policy LU-2.6, Rural Energy Production (RDR/SO):** Allow the development of ethanol production, co-generation, solar, and wind facilities in Agricultural and Foothill Pasture areas that produce renewable energy, support agricultural-related industries, and/or use agricultural waste.
- **Goal LU-9:** Support and promote energy efficiency through innovative building design and land use patterns.
- **Goal NR-2:** Provide adequate and efficient energy supplies by increasing renewable energy production and energy conservation.
- **Policy NR-2.1, Renewable Energy Use (RDR):** Promote the development and use of renewable energy resources to reduce dependency on petroleum-based energy sources.
- **Policy NR-2.3, Biomass-to-Energy Production (RDR):** Encourage the use of biomass facilities to capture untapped local energy sources from dairies, farmland, and other industrial sources.
- **Policy NR-2.9, Energy Conservation (RDR):** Encourage and maximize energy conservation and identification of alternative energy source (e.g., wind or solar).

- **Policy AQ-1.3, Agricultural Operations Emissions Reduction Strategies (RDR):** Promote greenhouse gas emission reductions by encouraging agricultural operators to use carbon efficient farming methods (e.g., no-till farming, crop rotation, cover cropping); install renewable energy technologies; protect grasslands, open space, oak woodlands, riparian forest and farmlands from conversion to other uses; and develop energy-efficient structures.
- **Policy AQ-1.4, Methane Digesters (RDR, JP):** Encourage large dairies to capture methane through use of manure digester systems to generate an alternative source of energy, reduce greenhouse gas emissions, and serve as a source of profit for agricultural operations.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact, and would not result in the wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.

Construction

Natural gas is not typically used during construction. Project construction would require grading, excavation, drilling, utility installation, and paving, which would consume energy; therefore, construction activities for the Project would result in a temporary increase in demand for energy resources. Construction activities associated with the Project would not utilize electricity, however, energy in the form of mobile gasoline or diesel fuel would be consumed. The Project would consume approximately 44,949 gallons of diesel fuel, and 2,582 gallons of gasoline fuel over the entire approximately 7-month construction period. However, this would be considered a small, temporary increase in energy demand during construction. Further, as described in more detail below, while the Project would consume energy during construction activities, long-term operation of the Project would result in the net new generation of renewable energy. Therefore, the Project would not result in inefficient, wasteful, or unnecessary consumption of energy resources during construction. This impact would be **less than significant**.

Operation

The Project would not use natural gas during operation. However, electricity demand generated by operation of the Project would include electricity consumption associated with the proposed facility. Based on the Project's energy consumption rates provided by the Project's Applicant, the Plant would consume approximately 292,000 kWh of electricity per year at buildout. In addition, vehicles traveling to and from the Plant would require gasoline and diesel fuel. Approximately 1,017 gallons of gasoline fuel would be used annually for employee vehicles traveling to and from the Plant during normal operations. Off road equipment during maintenance activities would consume approximately 73 gallons of diesel annually. These energy quantities are derived from the Project's estimation of GHG emissions. Operation of the Pipeline itself would not generate any new energy demand.

Development at the Project site, including both the Plant and Pipeline, would comply with all applicable City and state green building measures, including Title 24, which is commonly referred to as CALGreen (California Code of Regulations, Part 11). In addition, the Project would generate biomethane that would be injected into the existing natural gas pipeline network in the area, which would ultimately be used to produce electricity or for other uses, such as heating or cooking. The Project is projected to generate approximately 1,296,000 cubic feet of biomethane per day, which

would equate to approximately 473.04 million cubic feet of biomethane per year or 490,542 MMBTU per year. Therefore, although the Project would result in an increase in energy consumption compared with existing conditions, the Project would not result in the inefficient, wasteful, or unnecessary consumption of energy resources during operation as it would provide a new efficient and renewable source of energy from dairy waste. This impact would be **less than significant**.

b) The Project would have no impact resulting from a conflict with a state or local plans for renewable energy or energy efficiency.

While the Project would consume energy in the form of electricity, gasoline fuel, and diesel fuel during construction and operations, it would primarily be used to generate a new source of renewable energy in the form of biomethane from dairy waste. As discussed in Sections 3.3, *Air Quality*, and 3.8, *Greenhouse Gas Emissions*, the Project would be consistent with applicable plans related to renewable energy or energy efficiency. Specifically, the Project would be consistent with the County's *General Plan*, *Senate Bill 350,* and *Senate Bill 100* as well as PG&E's IRP, as the Project would further many of the goals of these regulations due to the development of a new source of renewable energy. Accordingly, the Project would not impede implementation of any of these plans. Therefore, the Project would not conflict with or obstruct implementation of a State or local plan for renewable energy or energy efficiency. There would be **no impact**.

3.7 Geology and Soils

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismically related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in onsite or offsite landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐

Environmental Setting

This section describes impacts on geology and soils that could result from construction and operation of the proposed Project, consisting of a central biogas processing Plant and a low-pressure biogas Pipeline. The proposed study area is in north-central Merced County, immediately north and northwest of unincorporated Hilmar. The study area for geology and soils is the Project footprint, an approximately 49.1-acre rectangular parcel, and 10 miles of Pipeline running along Merced County roadway right-of-way. The study area for paleontological resources is the complete extent of any geologic units underlying the Project site.

Physiography

The study area is in a region northwest of unincorporated Hilmar, California, in the northern part of the San Joaquin Valley. With the Coast Range to the west and the Sierra Nevada Range to the east,

the San Joaquin Valley lies at the southern section of the Great Central Valley and in underlain with alluvial deposits eroded from the mountain ranges over the last one to two-million years.

The Plant would be constructed on flat agricultural land; the Pipeline would be installed through privately owned agricultural fields and along roads in the County right-of-way.

Subsurface Conditions

Merced County is underlain by four major geologic formations, the Basement Complex, consisting of igneous and metamorphic rock; the Ione Formation, consisting of sandstone and conglomerate; the Valley Springs Formation, consisting of rhyolitic sandstone, siltstone, and claystone; and the Mehrten Formation, consisting of sands, clays, conglomerate, and sandstone (Merced County 2012a). The study area is underlain by Holocene alluvial fan deposits (Wagner et al. 1991a).

The soils underlying the study area belong to the Hilmar-Delhi-Dello soil association (Merced County 2012a). This soil association consists of well-drained, wind-modified, sandy soils, sometimes affected by a high water table and with slight concentrations of salts and alkali (USDA 1991). Geotechnical investigation samples encountered silty sand in the upper 3 to 9 feet, underlain by layers of poorly graded sand, sandy silt, and sand with silt to a depth of 16.5 feet below ground surface (bgs) (BSK Associates 2021).

Seismicity and Seismic Hazards

Primary Seismic Hazards

Surface Fault Rupture

The study area is not located within an Alquist-Priolo earthquake fault zone, and no known faults or potentially active fault exists on the study area (California Geologic Survey 2021a). The Ortigalita Fault is the only active fault in the county, but it has not been active within historic times (1,800 years ago to present). The nearest active and significant faults include the Hayward, Greenville, and Calaveras Faults to the northwest, the San Andreas Fault (approximately 15 miles west of the Merced County line), and the Bear Mountain Fault Zone (approximately 5 miles east of the Merced County line). (Merced County 2012b). Therefore, likelihood of surface fault rupture within the study area is considered to be low.

Seismic Ground Shaking

Ground shaking is the most widespread hazardous phenomenon associated with seismic activity, and all of California is generally considered to be seismically active. The California Earthquake Authority forecasts that there is a greater than 99 percent probability of one or more magnitude 6.7 or greater earthquakes striking California over the next 30 years (California Earthquake Authority 2021). The principle sources of seisminc activity affecting Merced County are the San Andreas Fault to the west; the Hayward, Greenville, and Calaveras Faults to the northwest; and the Bear Mountain Fault zone to the east (Merced County 2013a). While there is no record of seismic activity originating within the county, there has been documented shaking from earthquake centers outside the county in 1872, 1906, 1952, 1984, and 1989. The study area is located in a County-designated Seismic Damage Zone II, indicating a moderate severity level and moderate probable damage in the event of an earthquake (Merced County 2013a). Therefore, the risk of strong seismic ground shaking within the study area is expected to be moderate.

Secondary Seismic Hazards

Liquefaction

Liquefaction occurs when saturated soils lose cohesion, strength, and stiffness with applied shaking, such as that from an earthquake. The lack of cohesion causes solid soil to behave like a liquid, resulting in ground failure. When a load such as a structure is placed on ground that is subject to liquefaction, ground failure can result in the structure sinking and soil being displaced. Ground failure can take on many forms, including flow failures, lateral spreading, lowering of the ground surface, ground settlement, loss of bearing strength, ground fissures, and sand boils. Liquefaction within subsurface layers, which can occur during ground shaking associated with an earthquake, can also result in ground settlement.

The study area located within an area that has not been evaluated for liquefaction by the California Geological Survey (California Geologic Survey 2021a). Groundwater depth in the area of the Project ranges between 10 and 20 feet below ground surface (BGS) (Merced County 2013b). Due to the presence of unconsolidated sediments and a high-water table, potential for liquefaction exists in Merced County, particularly in and around the county's wetlands adjacent to the San Joaquin River and near levees (Merced County 2013b). However, groundwater at the study area was encountered at approximately 10 to 12 feet bgs, and the California Department of Water Resources reports groundwater depths at the Project side of greater than 10 feet bgs (BSK Associates 2021). In addition, the study area is approximately 10 miles north of the San Joaquin River.

Lateral Spreading

Lateral spreading is a phenomenon in which a surficial soil displaces along a shear zone that formed within an underlying liquefied layer. The surficial blocks are transported downslope or in the direction of a free face, such as a bay or creek, by earthquake and gravitational forces. Although the risk of lateral spreading may be present near dam structures, levees, or the San Joaquin River, the topography of Merced in generally low-lying topography and flat. The risk of lateral spreading is correspondingly low. The study area is not located near any riverbank, levee, or free face, and therefore the risk of lateral spreading is considered low.

Expansive Soils

Expansive soils are characterized by their ability to undergo significant volume changes (i.e., shrink and swell) due to variation in moisture content. Expansive soils are typically very fine grained and have a high to very high percentage of clay. They can damage structures and buried utilities and increase maintenance requirements. The presence of expansive soils is typically associated with high clay content. Generally, projects in areas with expansive soils may require special building foundations or grade preparation, such as the removal of problematic soils and replacement with engineered soils. However, the relative strength or weakness of alluvial soils also depends on the combination of clay and sand. The soils underlying the study area belong to the Hilmar-Delhi-Dello soil association (Merced County 2012a), which consist of well-drained, sandy soils, with slight concentrations of salts and alkali (USDA 1991). The lack of clay within this soil association indicates a low probability of expansion. The fine-grained soils encountered in the upper 5 feet demonstrated very low expansion potential (BSK Associates 2021).

Landslides

Landslides occur when the stability of a slope changes from a stable to an unstable condition. The stability of a slope is affected by the following primary factors: inclination, material type, moisture content, orientation of layering, and vegetative cover. In general, steeper slopes are less stable than more gently inclined ones. The California Geological Survey has no landslide inventory maps for the Merced County area (California Geologic Survey 2021b). The topography of the study area is flat; therefore, the likelihood of landslide in the study area is considered non-existent.

Subsidence

Subsidence occurs when a large portion of land is displaced vertically. This typically is due to the withdrawal of groundwater, oil, or natural gas. Subsidence is a significant concern in other parts of the San Joaquin Valley and Central Valley. One type of subsidence, widespread in parts of the San Joaquin Valley, occurs when the extraction of large amounts of groundwater removes support from certain types of fine-grained soils, causing them to fall in on themselves. Land subsidence can damage buildings, levees, and bridges; buckle highways; and disrupt water supply and wastewater drainage. Over-pumping of groundwater in the San Joaquin Valley has led to aquifer-system compaction and land subsidence in about half of the valley, with some areas subsiding as much as 28 feet (USGS 2021). The subsidence areas in Merced County are located near Los Banos and El Nido, south of the study area (Merced County 2013c). Therefore, the risk of subsidence at the study area is considered low.

Paleontological Resources

Fossils preserve information about ancient animals and plants (University of California Museum of Paleontology n.d.). There are two types of fossils: body fossils (remains of an organism) and trace fossils (e.g., footprints, burrows, trails). Fossils can add to the scientific record by providing information about the anatomy of an organism and clues to its life processes, successive evolutional evolution of organisms, and successive colonization of habitats. Fossils are a nonrenewable resource; that is, once destroyed, a fossil cannot be replaced. Fossils represent irreplaceable evidence of past life on the planet (National Park Service n.d.).

Fossils occur within geologic units. A geologic unit is a volume of rock or sediments of identifiable origin and an age range that is defined by distinctive and dominant features. The geologic unit exposed at and near ground surface at the study area is Holocene alluvial fan deposits (Qf) (Wagner et al. 1991). As described in the 2030 Merced County General Plan Update Program Environmental Impact Report (2012), University of California Museum of Paleontology records several localities where fossil remains have been found in Merced County (UCMP 2021). One of these, a fossil of *Bison*, was recovered in Hilmar, Merced County, near the study area and in the same geologic unit that underlies the study area, Holocene alluvial fan deposits.

Regulatory Setting

The following regulations applicable to geology and soils are described in the 2030 Merced County General Plan EIR (Merced County 2013):

- National Earthquake Hazard Reduction Act (1977), as amended by the National Earthquake Hazards Reduction Program Act (1990)
- Alquist-Priolo Earthquake Fault Zoning Act (1972)

- Seismic Hazards Mapping Act (1990)
- California Office of Emergency Management and Merced County Multihazard Functional Plans
- California State Water Resources Control Board, Water Quality Control Policy for the Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems
- 2010 California Building Code
- Government Code Section 65302
- Clean Water Act (33 United States Code Section 1251, et seq.)
- Porter-Cologne Act (Water Code Section 12000, et seq.)
- Merced Stormwater Group Water Management Program
- Merced County Sewage System Permitting Program
- Merced County Well Ordinance and Wellhead Protection Program (Chapter 28 of the Merced County Code)

Federal

National Pollutant Discharge Elimination System

Under Section 402 of the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) controls water pollution by regulating point sources of pollution to waters of the United States. The State Water Resources Control Board administers the NPDES permit program in California. Projects that disturb 1 acre or more of soil must obtain coverage under the state's NPDES General Permit for Discharges of Storm Water Associated with Construction Activity. The entity implementing any such project must develop and implement a stormwater pollution prevention plan (SWPPP) that provides specific construction-related best management practices (BMP) to prevent soil erosion and loss of topsoil.

State

California Division of Occupational Safety and Health Regulations

Construction activities are subject to occupational safety standards for excavation, shoring, and trenching, as specified in California Division of Occupational Safety and Health regulations (Title 8).

California Public Resources Code

Sections 5097–5097.6 of the California Public Resources Code outline the requirements for cultural resource analysis prior to the commencement of any construction project on state lands. The state agency proposing a project may conduct the cultural resource analysis or they may contract with the State Department of Parks and Recreation. In addition, this section stipulates that the unauthorized disturbance or removal of archaeological, historical, or paleontological resources located on public lands is a misdemeanor. It prohibits the knowing destruction of objects of antiquity without a permit (expressed permission) on public lands and provides for criminal sanctions. As used in this section, "public lands" means lands owned by, or under the jurisdiction of, the state, or any city, county, district, authority, or public corporation, or any agency thereof.

Regional and Local Regulation

Merced County Code

Title 18: Zoning Code

Title 18 on the Merced County Code requires a Design Review Permit for any project that would grade more than 50 cubic yards on slopes greater than 10 percent. Title 18 also requires all grading activity to be scheduled so as to ensure that repeated grading will not be necessary. It also requires exposed earth to be watered to prevent dust.

2030 Merced County General Plan

The 2030 Merced County General Plan Health and Safety Element and the Recreation and Cultural Resources Element (Merced County 2013d) contain the following policies related to seismic and geologic hazards: HS-1.1, HS-1.4, HS-1.6, HS-1.8, HS-1.9, and RCR-2.9.

Environmental Impacts

Methodology

Geology, Soils, and Seismicity

Evaluation of the Project is based on analysis included in the 2030 Merced County General Plan, the 2030 General Plan PEIR, the December 2013 Background Report, as well as data from the California Geologic Survey, the United States Geologic Survey, and the United States Department of Agriculture.

In the *California Building Industry Association v. Bay Area Air Quality Management District* case, decided in 2015,[1] the California Supreme Court held that CEQA does not generally require lead agencies to consider how existing environmental conditions might affect a project, except where the project would significantly exacerbate an existing environmental condition. Accordingly, placing new development in an existing or future seismic hazard area or an area with unstable soils is not considered an impact under CEQA unless a project would significantly exacerbate the seismic hazard or unstable soil conditions. Therefore, the analysis below evaluates whether the Project would exacerbate existing or future seismic hazards or unstable soils at the study area and result in a substantial risk of loss, injury, or death.

Paleontological Resources

The evaluation of impacts on paleontological resources was completed using published geologic maps from CGS (Wagner et al. 1991a, 1991b) and database query at the University of California Museum of Paleontology (UCMP 2021), following procedures outlined in the Standard Guidelines provided by the Impact Mitigation Guidelines Revisions Committee of the Society of Vertebrate Paleontology (SVP) (SVP 2010).

[1] *California Building Industry Association v. Bay Area Air Quality Management District*, 62 Cal.4th 369. Opinion filed December 17, 2015. Available: https://caselaw.findlaw.com/ca-supreme-court/1721100.html. Accessed: March 13, 2020.

The Standard Guidelines include procedures for the investigation, collection, preservation, and cataloguing of fossil-bearing sites, including the designation of paleontological sensitivity. The Standard Guidelines are widely accepted among paleontologists and are followed by most investigators. The Standard Guidelines identify the two key phases of paleontological resource protection as (1) assessment and (2) implementation. Assessment involves identifying the potential for a project site or area to contain significant nonrenewable paleontological resources that could be damaged or destroyed by Project excavation or construction. Implementation involves formulating and applying measures to reduce such adverse effects.

For the assessment phase, the Standard Guidelines prescribe the following steps (SVP 2010):

- Identify the geologic units that would be affected by the project, based on the project's depth of excavation—either at ground surface or below ground surface, defined as at least 5 feet below ground surface.
- Evaluate the potential of the identified geologic units to contain significant fossils (paleontological sensitivity).
- Identify impacts on paleontologically sensitive geologic units as a result of near-term and longer-term construction and operation that involve ground disturbance.
- Evaluate impact significance.

The paleontological sensitivity of the geologic units identified in the study area is classified according to four categories: SVP defines the level of potential as one of four sensitivity categories for sedimentary rocks: High, Undetermined, Low, and No Potential (SVP 2010).

- **High Potential.** Assigned to geologic units from which vertebrate or significant invertebrate, plant, or trace fossils have been recovered; and sedimentary rock units suitable for the preservation of fossils ("middle Holocene and older, fine-grained fluvial sandstones…fine-grained marine sandstones, etc."). Paleontological potential consists of the potential for yielding abundant fossils, a few significant fossils, or "recovered evidence for new and significant taxonomic, phylogenetic, paleoecologic, taphonomic, biochronologic, or stratigraphic data."
- **Undetermined Potential.** Assigned to geologic units "for which little information is available concerning their paleontological content, geologic age, and depositional environment." In cases where no subsurface data already exist, paleontological potential can sometimes be assessed by subsurface site investigations.
- **Low Potential.** Field surveys or paleontological research may allow determination that a geologic unit has low potential for yielding significant fossils (e.g., basalt flows). Mitigation is generally not required to protect fossils.
- **No Potential.** Some geologic units have no potential to contain significant paleontological resources, such as high-grade metamorphic rocks (such as gneisses and schists) and plutonic igneous rocks (such as granites and diorites). Mitigation is not required.

Geologic units at the study area were identified through California Geological Survey regional maps (Wagner et al. 1991a, 1991b). Determination of presence of paleontological resources in the units was based on the fossil record as documented by the University of California Museum of Paleontology (UCMP 2021).

For the implementation phase, the Standard Guidelines states that evaluation must identify impacts on significant paleontological resources and formulate and implement measures to mitigate potential impacts relative to the paleontological sensitivity of the geologic units that would be disturbed (SVP 2010).

- For the purposes of this analysis, an impact on paleontological resources was considered significant and to require mitigation if it would result in any of the following:
- Damage to or destruction of vertebrate paleontological resources.
- Damage to or destruction of any paleontological resource that:
    - Provides important information about evolutionary trends, including the development of biological communities;
    - Demonstrates unusual circumstances in the history of life;
    - Represents a rare taxon or a rare or unique occurrence;
    - Is in short supply and in danger of being destroyed or depleted;
    - Has a special and particular quality, such as being the oldest of its type or the best available example of its type; or
    - Provides information used to correlate strata for which it may be difficult to obtain other types of age dates.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact regarding directly or indirectly causing potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

The Project is not located with a mapped earthquake fault zone, and there is no record or evidence of faulting within the study area (California Geologic Survey 2021). Because no fault traces underlie the study area, neither Project construction nor Project operation would have the potential to exacerbate hazardous conditions related to surface fault rupture. There would be **no impact.**

ii) Strong seismic ground shaking.

As discussed above under *Seismic Ground Shaking*, the study area is located in County-designated Seismic Damage Zone II area, indicating a moderate severity level and moderate probable damage in the event of an earthquake. Therefore, the study area may be exposed to moderately severe ground shaking. Seismic ground shaking could displace pipelines or Plant equipment, leading to the release of flammable gases. However, as described in Section 3.9, *Hazards and Hazardous Materials*, the proposed Project would utilize a Supervisory Control and Data Acquisition (SCADA) system to detect leaks or major failure. In the event of a pipeline failure, the SCADA system would automatically stop Pipeline and Plant operations, reducing the risk of damage resulting from seismic

ground shaking. Therefore, impacts related to seismic ground shaking would be **less than significant.**

iii) Seismically related ground failure, including liquefaction.

As discussed above under *Liquefaction*, although the study area has not been evaluated for liquefaction by the California Geologic Survey, areas of Merced County close to wetlands and rivers are known to be at risk of liquefaction. The study area is not near a wetland or a river; however, the high groundwater depth in the Project area and the general presence of unconsolidated sediments in Merced County indicate the study area could be at moderate risk of liquefaction. The placement of new construction on liquefiable soils could exacerbate the risk of liquefaction, which could, in turn, displace pipelines or equipment, leading to the release of flammable gases. However, although construction staging and operations associated with the proposed Project could be located on alluvial soils vulnerable to liquefaction, equipment would be placed on concrete pads, which would be constructed on engineered fill. Removing liquefiable soils and replacing them with engineered fill would reduce the risk of liquefaction at the study area. Further, as described in Section 3.9, *Hazards and Hazardous Materials*, the proposed Project would utilize a SCADA system to detect leaks or major failure. In the event of a Pipeline failure, the SCADA system would automatically stop Pipeline and Plant operations. Because structures would be placed on engineered fill and the proposed Project would utilize a SCADA system, the Project would have a **less-than-significant** impact regarding liquefaction.

iv) Landslides.

As discussed above under *Landslides*, although the California Geological Survey has no landslide inventory maps for the Merced County area, the topography of the study area is flat; the study area is not located near in any steep slopes. Therefore, construction and operation of the proposed Project would have **no impact** related to landslides.

b) The Project would have a less-than-significant impact on soil erosion or the loss of topsoil.

Construction

There is potential for both water and wind soil erosion to occur at the site during Project construction. Excavation would be required for the construction of the concrete slab at the Plant and in some places along the Pipeline. Engineered fill would be utilized on site and stockpiled. However, implementation of standard BMPs would reduce the risk of water erosion. Further, as described in Chapter 2, *Project Description*, the application of water or other dust suppressants to the stockpiles would reduce risk of wind erosion. The impact related to soil erosion would be **less than significant**.

Stockpiling excavated topsoil and employing BMPs to minimize erosion would offset potential soil erosion losses but would not address the loss of the soil profile within the footprint of the new facilities. As discussed in Section 3.2, *Agriculture and Forestry Resources*, the biogas processing Plant site would be constructed on urban and built-up land, as designated under the FMMP, that does not contain valuable topsoil. The Pipeline would be constructed primarily within public roadway rights-of-way or within existing roadways on private lands, which also do not contain valuable topsoil. The Pipeline would also cross fields in agricultural production that are categorized by the FMMP as Important Farmland; therefore, they contain valuable topsoil. However, soils removed for the

purpose of construction would be put back in place and agricultural use would continue. Therefore, the impact related to a potential loss of topsoil would be **less than significant.**

c) The Project would have a less-than-significant impact regarding locating on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in onsite or offsite landslide, lateral spreading, subsidence, liquefaction or collapse.

Plant equipment would be constructed on concrete pads constructed on engineered fill. Pipeline construction would return the soil surface to its current state. The study area is not located in an area noted for subsidence. Further, construction and operation of the proposed Project would not withdraw groundwater, oil, or natural gas in quantities great enough to result in subsidence. Although dewatering may be required to keep water out of excavation, it would not be in a quantity great enough to induce subsidence. The topography of the study area is flat. The agricultural land is not located in a landslide area. It is away from rivers and levees that would provide an open face and facilitate lateral spreading. The study area has no known underlying faults.

The relatively cohesionless soil underlying the study area could result in the collapse of trenched walls during excavation activities. However, the Applicant would adhere to the excavation stability and utility trench excavation and backfill recommendations included in the geotechnical investigation prepared for the Project (BSK Associates 2021). With adherence to these recommendations, the potential impact related to damage resulting from the collapse of trenched walls would be less than significant.

The high groundwater depth at the study area and the general presence of unconsolidated sediments in Merced County indicate a potential risk of liquefiable soils. As discussed above, the placement of a new concrete pad on liquefiable soils could exacerbate the risk of liquefaction during a seismic event, which could result in the displacement of pipelines or equipment, leading to a release of flammable gases. In addition, open-cut trenching would be used for some portion of the Pipeline on private lands.

As demonstrated above, the Project poses little risk related to being located on a geologic unit or soil that is unstable. With the incorporation of the SCADA system into the design of the Project, impacts pertaining to unstable soils would be **less than significant.**

d) The Project would have a less-than-significant impact on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property.

As discussed above under *Subsurface Condition*, soils underlying the study area are generally well-drained sandy soils with a low clay content and therefore unlikely to be expansive. Further, the upgrade and interconnection equipment would be constructed on concrete pads that would be placed on engineered fill, which would reduce the risk of expansive soils underlying the study area. Because soils underlying the site are considered unlikely to be expansive, and underlying soil would be replaced with engineered fill, impacts associated with expansive soils would be **less than significant.**

e) The Project would have no impact related to soils that would be incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater.

The proposed Project does not include the construction or expansion of septic tanks or alternative wastewater facilities. It would not affect existing sewage or water disposal systems. **No impact** would occur.

f) The Project would have a less-than-significant impact on unique paleontological resources, sites, or geologic features.

As described above under *Paleontological Resources*, the geologic unit exposed at ground surface at the study area is Holocene alluvial fan deposits. Based on SVP methods described above under *Methodology*, because of the recovery of a fossil of *Bison* in this geologic unit near the study area, this geologic unit is considered to have high paleontological sensitivity. Because paleontological resources are located below ground surface, ground disturbance such as excavating, grading, and resurfacing could affect any paleontological resources present, including destruction of the resource.

Construction

Construction of the proposed Plant and Pipeline would involve ground-disturbing activities that would extend up to six feet in depth into the paleontologically sensitive geologic unit. However, the land underlying both the Plant and the Pipeline is disturbed, either through agricultural or road-construction activities. Although the sediments underlying the study area could contain fossilized material, based on the nearby fossil find in Hilmar, paleontologists generally regard agricultural areas to have low potential for significant fossil finds. No unique geologic formations are present in the study area. The impact would be **less than significant**.

Operation

Operation of the proposed Plant and Pipeline would not involve ground-disturbing activities. Therefore, Project operation would not affect a geologic unit with high paleontological sensitivity and therefore would not have potential to destroy unique paleontological resources. There would be **no impact**.

3.8 Greenhouse Gas Emissions

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Environmental Setting

This section describes greenhouse gas emissions (GHG) in the study area and impacts on greenhouse gas emissions that could result from construction and operation of the proposed Project. GHG modeling inputs, assumptions, and results are contained in Appendix 3. 3-A. The study area for this resource is generally defined as Merced County and the state of California, although GHG emissions and climate change are a global issue.

Existing Conditions

This section provides a discussion of the existing conditions related to greenhouse gas emissions at the Project site and in the study area. Information in this section is based on state, regional, and local regulations.

Global Climate Change

The process known as the *greenhouse effect* keeps the atmosphere near Earth's surface warm enough for the successful habitation of humans and other life forms. The greenhouse effect is created by sunlight that passes through the atmosphere. Some of the sunlight striking Earth is absorbed and converted to heat, which warms the surface. The surface emits a portion of this heat as infrared radiation, some of which is re-emitted toward the surface by GHGs. Human activities that generate GHGs increase the amount of infrared radiation absorbed by the atmosphere, thus enhancing the greenhouse effect and amplifying the warming of Earth.

Increases in fossil fuel combustion and deforestation have exponentially increased concentrations of GHGs in the atmosphere since the Industrial Revolution (IPCC 2007). Rising atmospheric concentrations of GHGs in excess of natural levels result in increasing global surface temperatures—a process commonly referred to as *global warming*. Higher global surface temperatures, in turn, result in changes to Earth's climate system, including increased ocean temperature and acidity, reduced sea ice, variable precipitation, and increased frequency and intensity of extreme weather events (IPCC 2018). Large-scale changes to Earth's system are collectively referred to as *climate change.*

The Intergovernmental Panel on Climate Change (IPCC) was established by the World Meteorological Organization and United Nations Environment Programme to assess scientific, technical, and socioeconomic information relevant to the understanding of climate change, its potential impacts, and

options for adaptation and mitigation. The IPCC estimates that human-induced warming reached approximately 1 degree Celsius (°C) above pre-industrial levels in 2017, increasing at 0.2°C per decade. Under the current nationally determined contributions of mitigation from each country until 2030, global warming is expected to rise to 3°C by 2100, with warming to continue afterward (IPCC 2018). Large increases in global temperatures could have substantial adverse effects on the natural and human environments worldwide and in California.

Greenhouse Gases

The principle anthropogenic (human-made) GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and fluorinated compounds, including sulfur hexafluoride (SF_6), hydrofluorocarbons (HFCs), and perfluorocarbons. The primary GHGs that would be emitted by Project-related construction and operations include CO_2, CH_4, and N_2O. Principal characteristics of these pollutants are discussed below.

Carbon dioxide enters the atmosphere through fossil fuels (oil, natural gas, and coal) combustion, solid waste decomposition, plant and animal respiration, and chemical reactions (e.g., manufacture of cement). CO_2 is also removed from the atmosphere (or *sequestered*) when it is absorbed by plants as part of the biological carbon cycle.

Methane is emitted during the production and transport of coal, natural gas, and oil. Methane emissions also result from livestock and other agricultural practices and from the anaerobic decay of organic waste in municipal solid waste landfills.

Nitrous oxide is emitted by agricultural and industrial activities, as well as during combustion of fossil fuels and solid waste.

Methods have been set forth to describe emissions of GHGs in terms of a single gas to simplify reporting and analysis. The most commonly accepted method to compare GHG emissions is the global warming potential (GWP) methodology defined in IPCC reference documents. IPCC defines the GWP of various GHG emissions on a normalized scale that recasts all GHG emissions in terms of carbon dioxide equivalent (CO_2e), which compares the gas in question to that of the same mass of CO_2. By definition, CO_2 has a GWP of 1.

Table 3.8-1 lists the global warming potential of CO_2, CH_4, and N_2O and their lifetimes in the atmosphere.

Table 3.8-1. Lifetimes and Global Warming Potentials of Key Greenhouse Gases

Greenhouse Gas	Global Warming Potential (100 years)	Lifetime (years)
Carbon Dioxide (CO_2)	1	—[a]
Methane (CH_4)	25	12
Nitrous Oxide (N_2O)	298	114

Source: California Air Resources Board. 2020.

[a] No lifetime (years) for carbon dioxide was presented by CARB.

The California Air Resources Board (CARB) recognizes the importance of short-lived climate pollutants and reducing these emissions to achieve the State's overall climate change goals. Short-lived climate pollutants have atmospheric lifetimes on the order of a few days to a few decades, and their relative climate forcing impacts, when measured in terms of how they heat the atmosphere, can be tens, hundreds, or even thousands of times greater than that of CO_2 (CARB 2017a). Recognizing their short-term lifespan and warming impact, short-lived climate pollutants are measured in terms of CO_2e using a 20-year time period. The use of GWPs with a time horizon of 20 years better captures the importance of the short-lived climate pollutants and gives a better perspective on the speed at which emission controls will impact the atmosphere relative to CO_2 emission controls. The *Short-Lived Climate Pollutant Reduction Strategy* (SLCP Reduction Strategy) addresses methane, hydrofluorocarbon gases, and anthropogenic black carbon. Methane has lifetime of 12 years and a 20-year GWP of 72. HFC gases have lifetimes of 1.4 to 52 years and a 20-year GWP of 437 to 6,350. Anthropogenic black carbon has a lifetime of a few days to weeks and a 20-year GWP of 3,200(CARB 2017a).

Regulatory Setting

State

California has established various regulations to address GHG emissions. The most relevant of these regulations are described below.

State Legislative Reduction Targets

Reducing GHG emissions in California has been the focus of the state government for approximately two decades. GHG emission targets established by the state legislature include reducing statewide GHG emissions to 1990 levels by 2020 (Assembly Bill [AB] 32 of 2006) and reducing them to 40 percent below 1990 levels by 2030 (Senate Bill [SB] 32 of 2016). Executive Order S-3-05 calls for statewide GHG emissions to be reduced to 80 percent below 1990 levels by 2050. These targets are in line with the scientifically established levels needed in the United States to limit the rise in global temperature to no more than 2 degrees Celsius, the warming threshold at which major climate disruptions, such as super droughts and rising sea levels, are projected (United Nations 2015). Executive Order B-55-18 further recognizes the climate stabilization goal adopted by 194 states and the European Union under the Paris Agreement. Based on the worldwide scientific agreement that carbon neutrality must be achieved by midcentury, Executive Order B-55-18 establishes a state goal to achieve carbon neutrality as soon as possible, and no later than 2045, and to achieve and maintain net negative emissions thereafter. Executive Order B-55-18 charges CARB with developing a framework for implementing and tracking progress towards these goals. This executive order extends Executive Order S-3-05 and acknowledges the role of increased carbon sequestration by natural and working lands for the state to achieve carbon neutrality and becoming net carbon negative.

California's *2017 Climate Change Scoping Plan* (2017 Scoping Plan), prepared by CARB, outlines the main strategies California will implement to achieve the legislated GHG emission target for 2030 and "substantially advance toward our 2050 climate goals" (CARB 2017b). It identifies the reductions needed by each GHG emission sector (e.g., transportation, industry, electricity generation, agriculture, commercial and residential, pollutants with high global warming potential, and recycling and solid waste).

Energy Efficiency Standards

The California Green Building Standards Code (Title 24, proposed Part 11) was adopted as part of the California Building Standards Code (CCR Title 24). Part 11 established voluntary standards (known as the CALGreen standards) that became mandatory under the 2010 edition of the code. The standards concerned sustainable site development, energy efficiency (in excess of California Energy Code requirements), water conservation, material conservation, and internal air contaminants. The current energy efficiency standards were adopted in 2019 and took effect on January 1, 2020. The non-residential energy standards is approximately 30 percent more energy efficient than the previous version.

State CEQA Guidelines

The State CEQA Guidelines require lead agencies to describe, calculate, or estimate the amount of GHG emissions resulting from a project. Moreover, the guidelines emphasize the necessity to determine potential climate change effects of the project and propose mitigation as necessary. The guidelines confirm the discretion of lead agencies to determine appropriate significance thresholds but require the preparation of an environmental impact report (EIR) if "there is substantial evidence that the possible effects of a particular project are still cumulatively considerable notwithstanding compliance with adopted regulations or requirements" (Section 15064.4). The San Joaquin Valley Air Pollution Control District (SJVAPCD) updated their CEQA guidelines to include guidance for evaluating GHG significance in December 2009.

Regional and Local Regulation

San Joaquin Valley Air Pollution Control District (SJVAPCD)

In the absence of scientific evidence supporting establishment of a numerical threshold, the SJVAPCD has adopted performance-based standards to assess project-specific GHG emission impacts on global climate change. The SJVAPCD policy provides for a tiered approach in assessing significance of project-specific GHG emission increases.

- Projects complying with an approved GHG emission reduction plan or GHG mitigation program which avoids or substantially reduces GHG emissions within the geographic area in which the project is located would be determined to have a less than significant individual and cumulative impact for GHG emissions. Such plans or programs must be specified in law or approved by the Lead Agency with jurisdiction over the affected resource and supported by a CEQA compliant environmental review document adopted by the Lead Agency. Projects complying with an approved GHG emission reduction plan or GHG mitigation program would not be required to implement Best Performance Standards (BPS).
- Projects implementing BPS would not require quantification of project-specific GHG emissions. Consistent with the CEQA Guidelines, such projects would be determined to have a less than significant individual and cumulative impact for GHG emissions.
- Projects not implementing BPS would require quantification of project specific GHG emissions and demonstration that project specific GHG emissions would be reduced or mitigated by at least 29%, compared to Business as Usual (BAU), including GHG emission reductions achieved since the 2002-2004 baseline period, consistent with GHG emission reduction targets established in ARB's AB 32 Scoping Plan. Projects achieving at least a 29% GHG emission

reduction compared to BAU would be determined to have a less than significant individual and cumulative impact for GHG.)

SJVAPCD has adopted GHG guidance to assist lead agencies in determining the level of significance of operational-related GHG emissions, pursuant to CEQA. However, much of the guidance for analyzing GHG emissions has changed in light of the rulings from the recent *Centers for Biological Diversity et al. vs. California Department of Fish and Wildlife, the Newhall Land and Farming Company* (S217763) (hereafter *Newhall Ranch*) Supreme Court opinion.

2030 Merced County General Plan

The Merced County 2030 General Plan (General Plan) includes a variety of policies to help reduce GHG emissions within the County. Specifically, the General Plan includes the following policies that would be applicable to the project:

- **Policy AG-4.7 Methane Sequestration:** Support efforts of local dairies and the SJVAPCD to develop standards and programs for the sequestration of methane gas to reduce GHG emissions, and odors, and to provide a source of clean, efficient, and cheap electricity and natural gas.)
- **Policy AQ-1.4: Methane Digestors:** Encourage large dairies to capture methane through the use of manure digester systems to generate an alternative source of energy, reduce GHG emissions, and serve as a source of profit for agricultural operations.
- **Policy NR-2.3: Biomass-to-Energy Production:** Encourage the use of biomass facilities to capture untapped local energy sources from dairies, farmland, and other industrial sources.

Discussion of Potential Impacts

Climate change is a global problem and GHGs are global pollutants, unlike criteria air pollutants (such as ozone precursors), which are primarily pollutants of regional and local concern. Given their long atmospheric lifetimes, GHGs emitted by many sources worldwide accumulate in the atmosphere. No single emitter of GHGs is large enough to trigger global climate change on its own. Rather, climate change is the result of the individual contributions of countless past, present, and future sources. Thus, GHG impacts are inherently cumulative.

SJVAPCD has not established a quantitative threshold for the evaluation of construction-related GHG emissions. SJVAPCD has published *Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA* to assist lead agencies in determining the level of significance of operation-related GHG emissions pursuant to CEQA (San Joaquin Valley Air Pollution Control District 2009). This guidance has since been incorporated into SJVAPCD's 2015 GAMAQI.

The *Newhall Ranch* case, confirmed that the use of BAU analysis (i.e., 29% below business as usual), a performance-based approach, would be satisfactory. However, for a project-level analysis that uses ARB's statewide BAU targets, substantial evidence must be presented to support the use of those targets for a particular project at a specific location. The Court notes that this may require examination of the data behind the statewide model and adjustment to the levels of reduction from BAU used for project evaluation. To date, neither ARB nor any lead agencies have provided any guidance on how to adjust AB 32's statewide BAU target for use at the project level.

The *Newhall Ranch* decision suggested several approaches for determining significance of GHG emissions are appropriate as alternatives to the percentage below BAU approach but did not foreclose other methodologies that may be used by lead agencies. In any case, the decision affirmed

that "thresholds only define the level at which an environmental effect 'normally' is considered significant; they do not relieve the lead agency of its duty to determine the significance of an impact independently." In addition, the SJVAPCD GHG Guidance is not applicable to the Project as the Project consists of a Plant and underground gathering Pipeline to help process biogas from dairy digesters and would be operational post 2020. Therefore, the significance of the Project's GHG emissions is, therefore, evaluated with respect to its ability to comply with the 2017 Scoping Plan and the state's long term GHG reduction goals.

a) The Project would have a less than significant impact on greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.

Construction

Construction of the Project would result in GHG emissions from operation of off-road construction equipment and on-road vehicles used to transport workers, building materials, and equipment to and from the Project site. GHG emissions from Project construction activities were quantified using a combination of emission factors and methodologies from the California Emissions Estimator Model (CalEEMod), version 2020.4.0; and EPA's AP-42 Compilation of Air Pollutant Emission Factors (AP-42) based on Project-specific construction data (e.g., schedule, equipment, truck volumes). The results of the construction analysis are summarized in Table 3.08-2. Refer to Appendix 3.3-A for the assumptions used in the greenhouse analysis and a more detailed description of methodology.

Table 3.8-2. Estimated GHG Emissions from Project Construction (metric tons per year)

Year	CO_2	CH_4	N_2O	CO_2e
2021[a]	160	<1	<1	160
2022	280	<1	<1	287
Total	**440**	**<1**	**<1**	**452**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent, which includes the relative warming capacity (i.e., global warming potential) of each GHG

[a]. GHG emissions were added to the yearly totals for water demand during construction dust control.

As shown in Table 3.08-2, it is estimated that construction of the Project would result in approximately 452 metric tons of CO_2e. The emissions generated during construction of the Project would primarily be the result of diesel-powered off-road construction equipment (e.g., pavers, graders, etc.) and on-road vehicles (construction worker commute trips, hauling and water truck trips, etc.). Construction emissions would cease once construction of the Project is complete and, thus, are considered to be short-term. The total construction emissions amortized over a 30-year period, which is a reasonable approximation of the lifetime of the Project, would equal approximately 15 metric tons per year.

As discussed above, SJVAPCD's CEQA Guidelines do not identify a GHG emission threshold for construction-related emissions. As such, the Project's GHG emissions during construction have been amortized over the length of the Project's lifespan and added to the Project's operational emissions, which are discussed below.

Operation

During the operational phase of the Project, GHG emissions will result from off-road equipment (maintenance/operation activities) and on-road vehicles (which include the additional 5 worker commute trips and occasional truck trips for water/oil condensate disposal). GHG emissions sources

also include energy use, carbon media disposal, and area sources. Energy demand at the Plant will result in indirect emissions that would occur off-site. However, even though electricity-related emissions do not occur at the Project site, GHGs are global pollutants that affect the entire planet's atmosphere and are thus included in the Project's emissions. Area sources would occur from occasional maintenance. The proposed Project would dispose the carbon media once every 10 years which would create negligible solid waste emissions. Additionally, the proposed Project would convert biogas into renewable compressed natural gas (RCNG).

Operational emissions associated with the Project have been estimated using CalEEMod and operational inputs provided by the Project Applicant including, the amount of projected electricity consumption, the number of employees, the off-road equipment, and the total production of RCNG. With respect to electricity GHG emissions, the Turlock Irrigation District (TID) emission factors for the most recent year of data in CalEEMod were utilized.

The proposed Project would take raw biogas generated from digesters located at seven different dairies and convert this raw biogas into RCNG that would then be injected into a PG&E pipeline. According to information provided by the applicant, the proposed Project would have a throughput of approximately 2,160,000 cubic feet per day (ft^3/day) of biogas from the seven different dairies. It is assumed in this analysis that without the construction of the proposed Project, all of this biogas would be released to the atmosphere.

According to data provided by the Applicant, the composition of the biogas is estimated to be made of approximately 60 percent CH_4 and 40 percent CO_2. The 60 percent CH_4, or 1,296,000(ft^3/day), of this biogas would be processed and converted into RCNG and injected into the PG&E pipeline. The remaining 40 percent, or 864,000 (ft^3/day), is assumed to be made of CO_2 and would be vented out to the atmosphere. Accordingly, calculations were done to estimate the $MTCO_2e$ emissions from the venting of the CO_2 and the sequestration of CH_4 from the production of the RCNG. In total, the proposed Project would vent out approximately 45.45 MT/day of CO_2 or 16,588 MT per year of CO_2 and would remove approximately 24.88 MT/day of CH_4, or 9,082 MT per year of CH_4. Although CO_2 would be vented out to the atmosphere, the removal of CH_4, which has a higher GWP potential, would remove more $MTCO_2e$ from the atmosphere. As shown in Table 3.08-3, the removal of CH_4 from the raw biogas and production of the RCNG would sequester out approximately 227,060 $MTCO_2e$ per year. Thus, when incorporating the Project's operational GHG emissions, as well as the vented CO_2, the proposed Project would help sequester approximately 210,389 $MTCO_2$ compared to existing conditions. Thus, the proposed Project would help the state reach its GHG reduction goals under SB32. Accordingly, GHG emissions associated with the Project would be **less than significant**.

Table 3.8-3. Operational Greenhouse Gas Emissions (metric tons per year)

	Estimated Total Emissions (metric tons)			
Project Component	**CO_2**	**CH_4**	**N_2O**	**CO_2e**
Area Sources	< 1	< 1	-	< 1
Energy Use	56	<1	<1	56
Mobile Sources	11	<1	<1	11
Off-road Sources	1	<1	<1	1
Solid Waste Generation[1]	<1	<1	<1	<1
Water Use[1]	-	-	-	-
Amortized Construction Emissions	15	< 1	< 1	15
Emission from CO_2 venting[2]	16,588	-	-	16,588
Sequestered CH_4 emissions from Biogas[3]	-	-9,082	-	-227,060
Total Net GHG Emissions	**16,671**	**-9,082**	**-**	**-210,389**

CH_4 = methane; CO_2 = carbon dioxide; CO_2e = carbon dioxide equivalent; N_2O = nitrous oxide

Notes:

[1] The Proposed Project consists of a Plant to convert biogas to renewable natural gas (RCNG) and associated biogas gathering Pipeline. The Project would dispose of the carbon media once every 10 years and thus solid waste emissions would be negligible. Furthermore, the proposed Project would not have water demand.

[2] Approximately 40 percent of the biogas is made of CO_2, which would be vented out in the atmosphere during the RCNG production process.

[3] Approximately 60 percent of the biogas would be made of CH_4, which would be sequestered out of the biogas and created into RCNG.

b) The Project would have a less than significant impact related to applicable plans, policies or regulations adopted for the purpose of reducing the emissions of greenhouse gases.

As discussed above, the proposed Project would help sequester a large amount of CO_2e compared to existing conditions. The Project would do so by taking biogas generated from digesters at seven dairies and converting this biogas into RCNG. This would be consistent with the 2030 General Plan policies: Policy AG-4.7 (Methane Sequestration), Policy AQ-1.4 (Methane Digestors), and Policy NR-2.3 (Biomass-to-Energy Production). Furthermore, the operation of the Project would be consistent with the low carbon energy and agricultural goals of the 2017 Scoping Plan. Specifically, the proposed Project would be consistent with the goals under Senate Bill 1383. Senate Bill 1383 adopt regulations to reduce methane emissions from livestock manure and dairy manure management operations by up to 40 percent below the dairy sector's and livestock sector's 2013 levels by 2030, including establishing energy infrastructure development and procurement policies needed to encourage dairy biomethane projects. The 2017 Scoping plan notes the importance of this Senate Bill to help the state meet its 2030 GHG reduction target. Thus, as the proposed Project would sequester out CO_2e compared to existing conditions and would be consistent with the applicable 2017 Scoping Plan goals, the proposed Project would not conflict with the state's plans to reduce GHG emissions to meet the 2030 and 2050 targets, as specified in SB 32, and EO S-3-05, respectively. Accordingly, this impact would be **less than significant**.

3.9 Hazards and Hazardous Materials

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☒	☐	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☒	☐	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

Environmental Setting

This section describes hazards and hazardous materials as well as potential impacts related to hazards and hazardous materials that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the Hilmar Cheese Company (HCC) property that would be used for the biogas processing Plant, the roads containing proposed Pipeline alignments, and the general Project vicinity. This section also presents the measures identified to mitigate impacts resulting from Project implementation and any remaining significant and unavoidable adverse impacts.

Existing Conditions

This section provides a discussion of the existing conditions, including known contamination; nearby schools and airports; existing emergency response or evacuation plans; and wildland fire risk related to hazards and hazardous materials in the study area. The study area for this resource is generally defined as the area within 1 mile of the portion of the HCC property that would be used for the biogas processing Plant and the farm roads and public roads along which proposed Pipelines would be installed.

Information in this section is based on the 2030 Merced County General Plan, and the EnviroStor (DTSC 2021) and GeoTracker (SWRCB 2021) databases. EnviroStor does not identify any hazardous sites within 1 mile of the Project site. GeoTracker identifies two open sites within 1 mile of the Project site. One site is the HCC property, located at 9001 North Lander Avenue in Hilmar, which is subject to ongoing monitoring related to wastewater with high salt content affecting groundwater (SWRCB 2021a). The second site is the Hilmar Rocket Station site, located at 8220 Lander Avenue in Hilmar, which was the location of two underground storage tanks that were removed in 1993. An unauthorized release (i.e., leak or spill) of gasoline from this site led to soil contamination and subsequently required cleanup activities, including site assessment, monitoring well installation, groundwater sampling, and the removal of contaminated soils from the site. As of 2020, the site is undergoing assessment and interim remedial actions. A soil vapor extraction/air sparge treatment system was installed in 2019 to remove volatile contaminants from the soil and site monitoring is ongoing. (SWRCB 2021b).

There are no schools within 0.25 mile of the Project site. The closest school to the Project site is Hilmar Middle School, which is approximately 0.9 mile east of the Project site at its closest point. No airports are within 10 miles of the Project site. As identified in Section 3.20, *Wildfire*, the Project study area is within the Local Responsibility Area (LRA) of Merced County. The proposed biogas processing Plant and associated Pipelines would be located within an unzoned portion of the LRA. The threat of wildfire hazard in the unzoned portion of the LRA is determined to be unlikely (CAL FIRE 2007a), as discussed in Section 3.20, *Wildfire*.

Regulatory Setting

Regulations applicable to hazards and hazardous materials are described in the Merced County 2030 General Plan Program Environmental Impact Report (PEIR) (Merced County 2013).

Federal

Healthy Forests Restoration Act

National Fire Plan

Disaster Mitigation Act of 2000

Federal Emergency Management Agency

Federal Aviation Regulation Airport Safety Program

Comprehensive Environmental Response, Compensation, and Liability Act

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund, provides broad federal authority to respond directly to releases or threatened releases of hazardous substances that might endanger public health or the environment. CERCLA establishes prohibitions and requirements concerning closed and abandoned hazardous waste sites, provides for liability of persons responsible for releases of hazardous waste at these sites, and establishes a fund to provide for cleanup when no responsible party can be identified.

Resource Conservation and Recovery Act

The Resource Conservation and Recovery Act (RCRA) authorizes the U.S. EPA to control the generation, transport, treatment, storage, and disposal of hazardous waste. RCRA defines certain wastes as hazardous under federal law and also establishes a framework for the management of non-hazardous wastes. RCRA addresses only active and future facilities, not abandoned or historical sites. The State of California has RCRA authorization, meaning that the authority and responsibility for the enforcement of RCRA has been delegated from U.S., EPA to the state, specifically DTSC.

U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Hazardous Materials Safety Regulations (Title 49 CFR Parts 100–185) and Pipeline Safety Regulations (Title 49 CFR Parts 190–199)

The Pipeline and Hazardous Materials Safety Administration (PHMSA) is responsible for regulating and ensuring the safe and secure movement of hazardous materials to industry and consumers by all modes of transportation, including pipelines. The Office of Hazardous Materials Safety develops regulations and standards for the classifying, handling, and packaging of more than 1 million daily shipments of hazardous materials within the United States. The Office of Pipeline Safety ensures safety in the design, construction, operation, maintenance, and spill response planning of natural gas and hazardous liquid transportation pipelines.

State

California Fire Plan

Madera-Mariposa-Merced Fire Unit Fire Management Plan

Wildland-Urban Interface Building Standards

Porter-Cologne Water Quality Control Act of 1969 (State Water Resources Control Board)

California Environmental Protection Agency, Department of Toxic Substance Control

California Department of Industrial Relations, Division of Occupational Health Administration

California Department of Transportation

California Office of Emergency Services, Fire and Rescue Division, Hazardous Materials

The Hazardous Materials section of the California Office of Emergency Services Fire and Rescue Division coordinates statewide implementation of hazardous materials accident prevention and emergency response programs for all types of hazardous materials incidents and threats. In response to any hazardous materials emergency, Hazardous Materials staff members are called upon to provide state and local emergency managers with emergency coordination and technical assistance.

California Public Utilities Commission Rule 21

California Public Utilities Commission (CPUC) Rule 21 describes the interconnection, operating, and metering requirements for generation facilities and their connections to utility distribution systems, with the intent of ensuring safety and reliability within distribution and transmission systems. Each

utility is responsible for administration of its own version of Rule 21; the applicable version of Rule 21 for this Project is administered by Pacific Gas and Electric (PG&E).

Regional and Local Regulations

Merced County Department of Public Health, Division of Environmental Health/Certified Unified Program Agency

Merced County Airport Land Use Compatibility Plan

Merced County General Plan Policies

- *Policy HS-5.1: Compliance with Safety Standards.* Requires hazardous materials to be used, stored, transported, and disposed of in a safe manner, in compliance with local, state, and federal safety standards.
- *Policy HS-5.2: Hazardous Material and Waste Transport*. Requires coordination with the California Highway Patrol to establish procedures for the movement of hazardous wastes and explosives within the county.
- *Policy HS-5.3: Incompatible Land Uses.* Prohibits incompatible land uses near properties that produce or store hazardous waste.
- *Policy HS-5.6: Hazardous Waste Residual Repositories*. Prohibits residual repositories, as defined by the Merced County Hazardous Waste Management Plan, of hazardous waste to be located in significant wetlands or the habitats of threatened species or adjacent to state and federal wildlife refuges or management areas.
- *Policy AQ-4.7: Planning Integration.* Requires land use, transportation, and air quality planning to be integrated for the most efficient use of resources and a healthier environment.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact related to creating a significant hazard for the public or the environment through the routine transport, use, or disposal of hazardous materials.

Construction

Project construction activities would involve the routine transport, use, and disposal of hazardous materials such as solvents, paints, oils, grease, and caulking. Such transport, use, and disposal must comply with applicable regulations, such as the RCRA; U.S. Department of Transportation PHMSA Regulations; and local enforcement agency regulations. The materials listed above are commonly used in construction projects and would not represent a significant hazard from the transport, use, and disposal of acutely hazardous materials. Compliance with applicable regulations and implementation of a Stormwater Pollution Prevention Plan (SWPPP) and associated best management practices (BMPs), as described in Section 3.10, *Hydrology and Water Quality,* would minimize potential impacts related to the routine transport, use, or disposal of hazardous materials during construction. The impact would be **less than significant**.

Operation

The biogas processing Plant would receive biogas from the Pipeline and treat it so that it would be suitable for transfer to PG&E as renewable compressed natural gas (RCNG) that would comply with CPUC and PG&E quality requirements. RCNG is indistinguishable from conventional natural gas (methane) and is not toxic. Handling methane can be hazardous, and methane can be flammable. Methane has an ignition temperature of approximately 1,150 degrees Fahrenheit and is flammable at concentrations between 4 and 15 percent in air. Unconfined mixtures of methane in air are not explosive. In addition, methane is lighter than air and dissipates into air rapidly, making accidental combustion difficult. However, a flammable concentration within an enclosed space in the presence of an ignition source can explode. It is also colorless, non-toxic, and odorless; it has no taste in its natural state. A non-toxic chemical odorant would be added to RCNG produced at the biogas processing Plant to make leaks easy to smell. The lines delivering RCNG from the Plant to the Interconnection Point would include a gas meter set assembly (MSA), automatic shutoff valve, filter separator, odorant injection system, carbon dioxide analyzer, oxygen analyzer, hydrogen sulfide analyzer, moisture analyzer, gas chromatography instrument, pressure regulator, and a programmable logic controller-supervisory control and data acquisition (PLC-SCADA) system[1] to detect leaks or failures. If, at any point, the biomethane is not within PG&E Rule 21 standards, the injection valve would automatically close, and no biomethane would be injected into the Pipeline. All portions of the Project would comply with PHMSA guidelines, 49 CFR Part 192, and CPUC Enforcement Division purview, as required by CPUC General Order 112-F, to minimize the risk of accidental release.

Water condensate removed from the biogas during the dehydration process at the Plant would be captured in a storage tank onsite and disposed of offsite in accordance with state, local, and federal regulations. Operations at the biogas upgrade Plant would also generate waste oil from mechanical processes; the waste oil would be stored and disposed of properly offsite in compliance with applicable hazardous waste protocols. The storage of any hazardous material onsite over threshold quantities (55 gallons, 200 cubic feet, or 500 pounds), including condensate and waste oil, would require a Hazardous Material Business Plan (HMBP) to be filed with the Merced County Division of Environmental Health. In addition, all quantities of hazardous waste generated onsite would require a HMBP to be filed.

Operation and maintenance of the Project may also require the periodic use of oil, fuel, paints, solvents, and other hazardous materials. The use, storage, and disposal of such materials to operate and maintain the Project would comply with applicable federal and state regulations governing hazardous materials use, as described above and contained in applicable policies and programs. A **less-than-significant** impact would occur.

[1] SCADA is a system of software and hardware that allows industrial organizations to control industrial processes both locally and remotely; monitor, gather, and process real-time data; directly interact with industrial equipment; and create a log file to record events.

b) The Project would have a less-than-significant impact with mitigation related to creating a significant hazard for the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.

Construction

As described in the impact discussion for Section 3.9(a), typical construction-related hazardous materials would be used during construction of the proposed Project, including gasoline, oil, other vehicle-related fluids, paints, solvents, and metals. It is possible that any of these substances could be released during construction activities. As described previously, compliance with federal, state, and local regulations would ensure that all hazardous materials would be used, stored, and disposed of properly, thereby minimizing potential impacts related to a hazardous materials release during construction activities.

Two contaminated sites within 1 mile of the Project site have been identified in GeoTracker, as described above in *Existing Conditions*. One site is located on the HCC property and is undergoing groundwater monitoring related to wastewater with high salt content. As of December 2020, groundwater near the HCC site had achieved the objectives for remediation in most locations with identified contaminants of concern. The site is undergoing continuous monitoring. The site is not expected to be disturbed by Project construction. The other known contaminated site is approximately 0.7 mile from the Project site and would not be disturbed by Project construction. In addition to the known contaminated sites, it is possible that residual pesticides and other chemicals associated with agricultural use could be encountered during Project construction. This impact would be potentially significant.

As described in Section 3.10, *Hydrology and Water Quality*, implementation of the SWPPP and BMPs would protect water quality from the accidental release of potential contaminants in stormwater runoff from the construction site. BMPs may include, but are not limited to, covers, drains, and storage precautions for outdoor material storage areas; temporary cover for disturbed surfaces; and earthen berms, silt fences, check dams, soil blankets or mats, covers for stockpiles, or other BMPs to trap sediments. In addition, as identified in the 2030 Merced County General Plan, general plan policies as well as state and County regulatory programs are in place to reduce potential hazards related to upset and accident conditions involving the release of hazardous materials into the environment. To further minimize potential exposure to hazardous materials, the Project would comply with Mitigation Measure HAZ-1 (see Impact 3.9[a]), which establishes a protocol to follow in the event that contamination is encountered during construction. Implementation of BMPs included in the Project's SWPPP and adherence to Mitigation Measure HAZ-1 would reduce this impact to **less than significant with mitigation.**

Operation

The biogas processing Plant would receive and processes biogas for conversion into RCNG; the biogas would be processed in a closed system. The Pipeline would transfer the biogas from the dairy digesters to the biogas processing Plant in a low-pressure system (less than 100 psi).

As described in Impact 3.9(a), the Project's Pipeline system would be designed to minimize the potential for leaks and unintentional releases. A SCADA system would automatically detect leaks or failures and stop Pipeline operations. Further, the Pipeline would be constructed and operated consistent with the federal Department of Transportation, PHMSA, regulations. All portions of the Project would comply with PHMSA guidelines, 49 CFR Part 192, and with CPUC Enforcement

Division purview, as required by CPUC General Order 112-F, to minimize the risk of accidental release.

Liquid waste generated by Project operations would be handled and stored as described in Impact 3.9(a), in compliance with HMBP onsite storage quantity thresholds (55 gallons, 200 cubic feet, or 500 pounds). The storage of any hazardous material onsite over threshold quantities or the generation of hazardous waste onsite would require that a HMBP be filed for the Project.

Adherence to applicable policies would result in a **less-than-significant impact** from reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.

c) The Project would have no impact related to emitting hazardous emissions or the handling of hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school.

Construction and Operation

There are no schools within 0.25 mile of the Project. Therefore, **no impact** would occur.

d) The Project have no impact related to being located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would not create a significant hazard to the public or the environment.

Construction

The Project would not be located on a site which is included on a site included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 (DTSC 2021). **No impact** would occur.

Operation

The Project would not be located on a site which is included on a site included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 (DTSC 2021). **No impact** would occur.

e) Regarding a location within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, the Project would result in a less-than-significant impact due to safety hazards or excessive noise for people residing or working in the Project area.

Construction and Operation

There are no existing public airports within 2 miles of the Project site and the Project site is not located within an airport land use plan (Merced County 2012). Therefore, the Project would not result in a safety hazard or excessive noise for people residing or working in the Project study area due to aircraft over-flight. There would be **no impact.**

f) The Project would have a less-than-significant impact with mitigation on the implementation of an adopted emergency response plan or emergency evacuation plan.

Construction

The Merced County Emergency Operations Plan (EOP) provides response planning for potential large-scale disasters requiring unusual emergency response within Merced County. The key areas of this plan are training, public awareness and education, and maintaining the availability of sufficient resources to cope with emergencies (Merced County 2017). Construction of the Project would not interfere with the emergency response planning efforts included in the EOP. Construction of the Project may require traffic control in some locations, which would be implemented according to Mitigation Measure TR-1. Emergency service providers would be notified in advance of any lane closures and associated detours and emergency access to and around the Project site would be maintained throughout construction. With these considerations, the impact would be **less than significant with mitigation.**

Operation

Operation of the Project would not require any traffic control restrictions or other roadway closures or detours. Therefore, operation of the Project would not affect emergency access or emergency response planning in the vicinity of the Project. **No impact** would occur.

g) The Project would have a less-than-significant impact regarding the exposure of people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires.

Construction and Operation

As identified in Chapter 3.20, Wildfire, the proposed Project study area is within the Local Responsibility Area (LRA) of Merced County. The proposed biogas processing Plant and associated pipelines would be located within an Unzoned portion of the LRA. The threat of wildfire hazard in the Unzone portion of the LRA is determined to be unlikely (CAL FIRE 2007). The impact would be **less than significant.**

Mitigation Measures

Mitigation Measure HAZ-1: Hazardous Material Safety Protocol

If soil, groundwater, or any other environmental medium with suspected contamination is encountered unexpectedly during construction activities (e.g., identified by odor or visual staining) or if any underground storage tanks, abandoned drums, or other hazardous materials or wastes are encountered, the Applicant or contractor shall cease work in the vicinity of the suspect material, the area shall be secured as necessary, and the Applicant or contractor shall take all appropriate measures to protect human health and the environment. Appropriate measures shall include notification of regulatory agency(ies), implementation of actions to identify the nature and extent of contamination, and remediation as necessary. Work shall not resume in the area(s) affected until the measures have been implemented under the oversight of Merced County or other governmental regulatory agency, as appropriate.

Mitigation Measure TR-1: Emergency Access Measures

3.10 Hydrology and Water Quality

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	☐	☐	☒	☐
i) result in substantial erosion or siltation onsite or offsite;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding onsite or offsite;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

Environmental Setting

This section describes impacts on hydrology and water quality that could result from construction and operation of the proposed Project. The study area for this resource is the Turlock Hydrologic Area, which is part of the greater San Joaquin River Basin. The San Joaquin River Basin covers 15,880 square miles. The major land use along the San Joaquin Valley floor is agriculture, with more than 2.1 million irrigated acres, representing 22 percent of the irrigated acreage in California (Central Valley Regional Water Quality Control Board 2019).

Existing Conditions

This section provides a discussion of the existing conditions related to hydrology and water quality in the study area.

No natural water features are located on the proposed location of the Plant. The buried Pipeline would in some places cross existing agricultural canals. The Turlock Irrigation District ditch is adjacent to the southern boundary of the Project site. The Turlock Main Canal is less than 1 mile east of the Project; Highline Canal and the Lower Merced River are 2.5 miles and 3.3 miles southeast,

respectively. The Project is within the Turlock Groundwater Subbasin within the San Joaquin Valley Groundwater Basin. The Project site in outside of the 100-year floodplain, with Federal Emergency Management Agency (FEMA) Zone X (FEMA 2008). FEMA Zone X is an area of minimal flood hazard, usually above the 500-year flood level.

Regulatory Setting

The following regulations applicable to hydrology and water quality are described in the Merced County 2030 General Plan EIR (Merced County 2013):

- Federal
    - U.S. Environmental Protection Agency, Clean Water Act, Section 402(p)
    - FEMA, Flood Insurance Rate Map
    - U.S. Army Corps of Engineers, Section 404 of the Clean Water Act
- State
    - State Water Resources Control Board, Porter-Cologne Water Quality Act
    - Central Valley Regional Water Quality Control Board, Section 401 of the Clean Water Act
    - California Department of Water Resources (DWR), State Plan of Flood Control
    - Central Valley Flood Protection Board, formerly known as Reclamation Board), State Plan of Flood Control
    - California Water Code
    - Additions and changes to Water Code Sections 8500, 8600, and 9600, per 2007 Assembly Bill (AB) 5
    - Modifications to Water Code Sections 8500 and 8600, per 2007 Senate Bill 17
    - Central Valley Flood Protection Act of 2008, Water Code Section 9600
    - Additions to Water Code Section 830,7 per 2007 AB 70
    - Urban Water Management Planning Act, Water Code Section 10610, per 1983 AB 797
    - Groundwater Management Act, per 1993 AB 3030
    - Senate Bills 610 and 221
- Merced County, implementing Flood Insurance Rate Maps, Storm Drainage Design Manual
    - Merced County Office of Emergency Services, emergency planning and preparedness, including consideration of dam failure inundation areas
    - Merced County Division of Environmental Health, Wellhead Protection Program
    - Merced Stormwater Group, Stormwater Management Program

Federal

National Pollutant Discharge Elimination System Permits

National Pollutant Discharge Elimination System (NPDES) permits have been established for stormwater discharges from municipal separate storm sewer systems (MS4s), industrial operations, and construction activities. The current MS4 permit is Order No. 2013-0001-DWQ (as amended by Order WQ 2016-0069-EXEC). The current NPDES general industrial permit is Order No. 2014-0057-DWQ.

State

Sustainable Groundwater Management Act

The Sustainable Groundwater Management Act of 2014 (SGMA) is a comprehensive three-bill package that Governor Jerry Brown signed into California state law in September 2014. The SGMA provides a framework for sustainable management of groundwater supplies by local authorities, with a limited role for state intervention only if necessary, to protect the resource. The plan is intended to ensure a reliable groundwater water supply for California for years to come. SGMA requires the formation of local Groundwater Sustainability Agencies (GSA), which are required to adopt groundwater sustainability plans (GSPs) to manage the sustainability of groundwater basins. GSAs for all high- and medium-priority basins, as identified by the Department of Water Resources (DWR), must adopt a GSP, or submit an alternative to a GSP. SGMA also requires governments and water agencies of high- and medium-priority basins to halt overdraft and bring groundwater basins into balanced levels of pumping and recharge. GSPs for high- and medium-priority basins are due to DWR by January 31, 2022, however GSPs for critically over drafted high- and medium-priority basins were due to DWR by January 31, 2020.

The Project overlies the San Joaquin Valley Groundwater Basin – Turlock Subasin, which is designated as a high-priority basin. Two GSAs formed within the Turlock Subbasin, the West Turlock Subbasin GSA and the East Turlock Subbasin GSA, separated generally by the Turlock Irrigation District's eastern irrigation service area boundary. The Project is within the West Turlock Subbasin GSA. The West Turlock Subbasin GSA and the East Turlock Subbasin GSA are jointly developing a single GSP to manage groundwater sustainably through at least 2042.

Regional and Local

Water Quality Control Plan for the Central Valley Region

The Water Quality Control Plan (Basin Plan) for the Central Valley Region outlines the beneficial uses of specific water bodies and the levels of quality that must be met and maintained to protect those uses. The current edition was revised in May 2018 (Central Valley Regional Water Quality Control Board 2018).

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact with respect to violating water quality standards or waste discharge requirements or otherwise substantially degrading surface or groundwater quality.

Construction

Construction of the Project would involve ground-disturbing activities such as excavation. Construction activities have the potential to generate runoff that contains sediments and other pollutants, which could degrade water quality if not properly controlled. Sources of pollution associated with construction also include chemical substances from construction materials as well as hazardous or toxic materials, such as fuels or chemical spills. However, because more than 1 acre of soil would be affected by the Project, the Project would be subject to the Construction General Permit. Erosion and stormwater control requirements are specified in the Construction General Permit. These requirements include preparation and implementation of a stormwater pollution prevention plan (SWPPP) that contains best management practices (BMPs). The SWPPP would identify potential sources of sediment and other pollutants and prescribe BMPs to ensure that potential adverse erosion, siltation, and contamination impacts do not occur during construction activities. Implementation of a SWPPP and BMPs would control erosion and protect water quality from potential contaminants in stormwater runoff from the construction site. BMPs may include covers, drains, and storage precautions for outdoor material storage areas; temporary cover for disturbed surfaces; and earthen berms, silt fences, check dams, soil blankets or mats, covers for stock piles, or other BMPs to trap sediments. Such BMPs would help to protect surface water and groundwater quality. Potential impacts on water quality would be **less than significant**.

Operation

The mechanical processes of the Plant would utilize water and oil. The byproduct oil/water mixture would be captured into a storage tank onsite and stored in a marked tank and disposed of properly offsite, as needed, in accordance with state, local, and federal regulations.

Currently, the Plant site is 100 percent pervious (fallow farmland). The proposed Plant would result in impervious cover on up to 32 percent of the site (i.e., 42,050 square feet of pavement or concrete). The remainder of the Plant site would be pervious (i.e., soil or similar material). The conduit and piping associated with the Project would be buried below ground. The overlying surface would be returned to its existing condition; therefore, there would be no additional impervious surface. The Project would include a 3,280-square-foot (3 percent of the Project site) stormwater retention basin to manage and treat stormwater runoff from the new impervious areas. The proposed stormwater basin would be constructed within the Plant site adjacent to the basins at the Hilmar Cheese Company facility. The Pipeline would convey biogas to the Plant; the Plant would then receive and process the biogas. This Pipeline would be a closed system with appropriate piping and a conduit to avoid contamination of underlying groundwater. Operations and stormwater treatment onsite would comply with the NPDES general industrial permit and state stormwater MS4 requirements, which require the use of best conventional pollutant control technology for the control of conventional pollutants and best available technology economically achievable for toxic and nonconventional pollutants. In addition, onsite biogas processing would remove water from the biogas. This water would be filtered and drained into the onsite stormwater basin. Therefore, the impact from operations would be **less than significant.**

b) The Project would have a less-than-significant impact on groundwater supplies or interfere substantially with groundwater recharge such that the Project may impede sustainable groundwater management of the basin.

Implementation of the Project would increase the amount of impervious surface cover. The proposed Plant would result in up to 32 percent impervious cover at the site compared with no impervious cover under existing conditions. An increase in impervious area would result in a decrease in groundwater recharge at the Plant site; however, all runoff from the impervious cover would be routed to the onsite stormwater basin, which would allow infiltration. Furthermore, surrounding agricultural and landscaped areas, including the entirety of the Pipeline route, would continue to infiltrate stormwater by draining to pervious surfaces and allowing for infiltration and groundwater recharge.

The Project would not increase demands for groundwater supplies because groundwater is not currently used onsite and would not be used for construction or operation. The existing farmland is irrigated by freshwater provided by the adjacent Turlock Irrigation District (TID) canal. Groundwater may be encountered during construction, which could require localized dewatering during Pipeline installation. The SWPPP would require BMPs to minimize impacts related to dewatering. BMPs such as check dams, sediment traps, riprap, or grouted riprap at outlets would be implemented. Groundwater recharge may be affected during dewatering activities. However, the amount of dewatering is likely to be relatively small, and any effects from groundwater dewatering would be temporary because dewatering would cease once construction has been completed. In addition, a dewatering plan would be submitted as part of the SWPPP, detailing the location of dewatering activities, equipment, and the discharge point. Therefore, the Project would not substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project would impede sustainable groundwater management of the basin. The impact would be **less than significant.**

c) The Project would have a less-than-significant impact on the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) result in substantial erosion or siltation onsite or offsite.

ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding onsite or offsite.

iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff.

During construction, stormwater drainage patterns could be temporarily altered. However, the Project would implement BMPs, as required in the SWPPP, to minimize the potential for erosion or siltation in nearby storm drains and temporary changes in drainage patterns during construction. Construction BMPs would capture and infiltrate small amounts of sheet flow into the ground such that offsite runoff from the construction site would not increase, ensuring that drainage patterns would not be significantly altered. Measures required by the NPDES Construction General Permit would also limit site runoff during construction and would not alter stormwater drainage patterns. BMPs would be implemented to control construction site runoff, ensure proper stormwater control and treatment, and reduce the discharge of pollution to the storm drain system. The proposed Plant

would be designed for balanced earthwork, sourcing all fill material from the stormwater basin location. The proposed Pipeline would be installed underground along farm roads and adjacent to roads along roadway right-of-way. After the Pipeline is installed, trenched areas would be restored to their original condition. No soil would be imported or off-hauled for Pipeline construction. In addition, the Pipeline would be installed using horizontal directional drilling to span the canals; water bodies, such as canals, would not be altered during construction. Therefore, construction would not substantially alter the existing drainage pattern of the area in a manner that would result in substantial erosion or siltation or increase the rate or amount of surface runoff in a manner that would result in flooding onsite or offsite.

Currently, the Plant site is undeveloped. Implementation of the Project would increase the amount of impervious surface cover at the Plant site. An increase in impervious area would result in an increase in the amount of surface runoff from the site. However, a stormwater retention basin would be constructed for collection of rainfall. The stormwater retention basin would be built to accommodate a 10-year, 24-hour storm event and would treat stormwater in compliance with the requirements of the MS4. The stormwater retention basin is designed to capture and retain stormwater. Pipeline construction would return the soil surface to its current state. The Plant would be built on imported fill; all drainage would be maintained onsite, per design. As needed, stormwater may be diverted from the stormwater retention basin to surrounding fields or ditches. The Pipeline construction would return the soil surface to the current state, and the Plant would be built up on the imported fill, so all drainage would be maintained onsite per design. These features would reduce runoff and treat stormwater through filtration, in compliance with state and Merced County requirements. Therefore, the Project would not substantially alter existing drainage patterns or result in adverse impacts related to drainage capacity and associated impacts. The Project would have **less-than-significant** impacts.

iv) impede or redirect floodflows.

The Project is not located within an area that would be exposed to a 100-year flood. Implementation of the Project at this location would not impede or redirect flood flows since it would not be located within a floodway. Further, the Pipeline connecting the dairy digesters to the Plant would be underground, minimizing the potential to impede or redirect flood flows. Following construction of the proposed Pipeline, all existing ground surfaces would be restored at the completion of the Project. Therefore, implementation of the proposed biogas upgrade Plant and associated Pipeline would not impede or redirect flood flows. **Impacts would be less than significant**.

d) In flood hazard, tsunami, or seiche zones, the Project would have a less-than-significant impact on the release of pollutants due to Project inundation.

The Project site is outside of the 100-year floodplain. Due to distance from the coast, there is no risk of inundation by a tsunami; There are no bodies of water near the Project, therefore no immediate risk of seiche. However, the Project site is subject to inundation in the event of dam failure, including the New Exchequer Dam.

In the event of a flood hazard, to reduce the risk of a pollutant release, the Project would comply with the requirements of local water quality programs and associated municipal stormwater-related NPDES permits as well as County General Plan policies to manage flood risk and water quality. During construction activities, stormwater BMPs would be implemented, as required by federal, state, county, and local policies, to minimize degradation of water quality associated with stormwater runoff or construction-related pollutants. In addition, construction activities and

operations would comply with local stormwater ordinances and stormwater requirements established by the MS4, and regional waste discharge requirements. Compliance with these requirements would minimize risks related to a release of pollutants due to Project inundation in a flood hazard, tsunami, or seiche zone. Stormwater management measures, including a stormwater retention basin, would also reduce the risk of pollutants during a storm event. Therefore, the Project would not result in a release of pollutants due to inundation. Impacts would be **less than significant.**

e) The Project would have a less-than-significant impact related to conflicts with or obstruction of implementation of a water quality control plan or sustainable groundwater management plan.

Commonly practiced BMPs, as required by the NPDES Construction General Permit and the SWPPP, would be implemented to control construction site runoff and reduce the discharge of pollutants from stormwater and other nonpoint-source runoff to storm drain systems. As part of complying with permit requirements during ground-disturbing or other construction activities, water quality control measures and BMPs would be implemented to ensure that water quality standards would be achieved, including water quality objectives that protect designated beneficial uses of surface water and groundwater, as defined in the Basin Plan. Construction and operation would comply with the appropriate water quality objectives for the region, including MS4 and NPDES requirements regarding runoff. Implementation of the proposed stormwater retention basin would also reduce stormwater runoff flows and associated pollutants.

Further, General Plan policies require groundwater resources to be protected, as required by a sustainable groundwater management plan. Project operations would not increase demands for groundwater. A sustainable groundwater management plan for the Project area is currently being developed for DWR approval by January 31, 2022. Therefore, the Project would not conflict with or obstruct implementation of the Basin Plan or a sustainable groundwater management plan. Impacts would be **less than significant.**

3.11 Land Use and Planning

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

Environmental Setting

This section describes potential land use and planning impacts that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the portion of the HCC property that would be used for the biogas processing Plant and the private roads and public roads and private lands used for proposed Pipeline alignments.

Existing Conditions

The study area is located in unincorporated Merced County, in a rural agricultural setting. The nearest community is Hilmar, which is immediately south of the study area. The study area is developed primarily for agricultural uses, with single-family residential developments located to the south in Hilmar. Scattered rural residences are also located in the study area, including on the dairy properties to which the proposed Project pipelines would connect.

The Biogas processing Plant would be constructed on the HCC property, northwest of the intersection of August Avenue and Lander Avenue in Hilmar, adjacent to the southern boundary of the Turlock Irrigation District ditch/property. The proposed biogas processing Plant site is designated for Agricultural land use in the 2030 Merced County General Plan, and zoned A-1 (General Agricultural) by the Merced County Zoning Code (Merced County 2010).

Proposed pipelines would occur primarily within public right of way or within existing roadways on private lands. Areas where proposed pipelines would be placed are designated for Agricultural land use by the 2030 Merced County General Plan and zoned A-1 (General Agricultural) by the Merced County Zoning Code (Merced County 2010a).

Regulatory Setting

The following regulations applicable to land use are described in the Merced County 2030 General Plan PEIR (Merced County 2013):

- Merced County General Plan (2000)
- Safety Element Law (Government Code, Title 7, Sections 65302 (f) and 65302.1)
- Specific Plan Law (California Government Code Section 65451)

- Hilmar Community Specific Plan (2008)
- Merced County Zoning Code
- California Zoning Law (Government Code Section 65860)
- California Public Utilities Code, Sections 21670–21679.5 (Chapter 4, Article 3.5)
- Merced County Association of Governments (MCAG)
- San Joaquin Valley Blueprint

Regional and Local

Merced County General Plan

The proposed Project is subject to General Plan Policy LU-2.5, which requires a review of the following 10 criteria for the location of agricultural support facility uses on large parcels or in sparsely populated areas.

1. The use requires location in a rural area because one or more of the following characteristics: unusual site area requirements, natural resource production purposes, the use is directly agricultural related, or because of specific operational characteristics which pose a health or safety problem to urban populations.
2. The use is located near or readily accessible to a probable work force.
3. The use is consistent with the intent and policies of the Agricultural, Natural Resources, and Health and Safety Elements.
4. The use will not significantly impact adjacent agricultural, recreational, natural, cultural, wildlife, or other identified Natural Resources Element.
5. The use is protected from hazards identified in the Health and Safety Element.
6. The use is not located on productive agricultural land when nonproductive agricultural land is available in the vicinity of the proposed project.
7. The use is limited in size, time of operation, or length of permit authority where necessary to ensure compatibility with adjacent land uses.
8. The use shall not have a detrimental effect on surface or groundwater resources.
9. The use shall provide adequate infrastructure and improvements to reduce impacts on county services.
10. The use shall have access to adequate transportation facilities without creating abnormally high traffic volumes and shall provide road improvements to mitigate impacts generated by the project.

In addition, the Project is subject to General Plan Policy LU-2.5 which allows the development of ethanol production, co-generation, solar, and wind facilities in Agricultural and Foothill Pasture areas that produce renewable energy, support agricultural-related industries, and/or use agricultural waste, provided that such uses do not interfere with agricultural practices or conflict with sensitive habitats or other biological resources.

Merced County Zoning Ordinance

The Merced County Zoning Ordinance (Title 18 of the Merced County Code) guides and regulates the growth and development of Merced County, based on the adopted 2030 Merced County General Plan. The County Zoning Ordinance also addresses modern-day issues identified by County staff members and the Board of Supervisors, aligns County planning with state and federal laws, and provides a user-friendly document through organization, clear and simplified language, and the use of tables and graphics. The proposed study area is designated as A-1 (General Agricultural) under the Merced County Zoning Code, indicating that this area is intended to provide for areas of intensive farming operations, dependent on higher quality soils, water availability, relatively flat topography, and agricultural commercial and/or industrial uses, dependent on proximity to urban areas or location in sparsely populated low traffic areas. Parcels smaller than 40 acres down to a minimum of 20 acres may be approved where consistent with surrounding parcel sizes. This zone implements the Agriculture (A), Agriculture Residential (AR), and Urban Reserve (UR) land use designations in the General Plan.

Discussion of Potential Impacts

a) The Project would have no impact on physically dividing established communities.

Other than scattered rural residences, the only established community in the study area is Hilmar, located approximately 0.25 mile to the south. Neither the construction of the biogas processing Plant nor the proposed Pipeline would be constructed within Hilmar or cause a division. Because the Project would not divide an established community and is located in a rural, unincorporated setting, there would be **no impact**.

b) The Project would have a less-than-significant impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

The proposed biogas processing Plant site and the area surrounding the proposed Pipeline alignments are designated for Agricultural land uses on the 2030 Merced County General Plan Land Use Diagram. As set forth in the 2030 Merced County General Plan, the Agricultural land use designation:

> "… provides for cultivated agricultural practices which rely on good soil quality, adequate water availability, and minimal slopes. This is the largest County land use designation by area in the County and is typically applied to areas on the valley floor (Merced County 2013)."

In addition, the study area is located in the A-1 (General Agricultural) zoning district of Merced County (Merced County 2010). Merced Zoning Code Section 18.02.020 allows for energy generation facilities within the General Agricultural zoning district, subject to a Conditional Use Permit. Within Merced County, Conditional Use Permits are discretionary permits that require special review and control to ensure that a use of land is compatible with the neighborhood and surrounding residences.

The proponents of the proposed Merced biogas upgrade Plant project have submitted an application to the County for a new Conditional Use Permit (CUP) to allow these uses to construct and operate the proposed biogas processing Plant and associated pipelines.

With approval of a CUP, the proposed Project would be consistent with applicable land use policies and regulations in Merced County. This would be a **less-than-significant** impact.

3.12 Mineral Resources

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

Environmental Setting

This section describes mineral resources and potential impacts on these resources that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the portion of the HCC property that would be used for the biogas processing Plant and the farm roads and public roads used for proposed Pipeline alignments.

Existing Conditions

This section provides a discussion of the existing conditions related to mineral resources in the study area.

According to the Merced County General Plan Open Space and Conservation Element, current mineral extraction within the county is limited mainly to sand and gravel (Merced County 2013b). The Project site is not located on or within the vicinity of a potential sand and gravel resource area (Merced County 2012a). The Mineral Resource Zone (MRZ) Map for Concrete Aggregate in Merced County (Clinkenbeard 1999) indicates that the Project site is located in MRZ-1, indicating there are no resources present.

Regulatory Setting

Regulations applicable to mineral resources are described in the Merced County 2030 General Plan EIR (Merced County 2013). There are no federal, regional, or local regulations relevant to mineral resources in Merced County. The list below shows applicable regulations and, as relevant, updated descriptions for new or updated regulations.

State

- Government Code Section 65302
- 1975 Surface Mining and Reclamation Act (SMARA)

Discussion of Potential Impacts

a) The Project would have no impact on the loss of availability of a known mineral resource that would be of value to the region and the residents of the state.

Construction and Operation

No important mineral deposits, MRZs, or existing or previous mines are located in the study area. Because there are no mineral resources or resource protection zones in the study area, there would be no loss of availability of known mineral resources. Because construction and operation of the proposed Project would not affect access to a known aggregate resource area, there would be **no impact** on the availability of a known mineral resource that would be of value to the region and the residents of the state.

b) The Project would have no impact on the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan.

Construction and Operation

The study area is not located near any aggregate resource areas identified in the Merced County General Plan as having a high likelihood of containing significant sand and gravel resources (Merced County 2012). Therefore, construction and operation of the Project would not affect the availability of locally important mineral resources. There would be **no impact**.

3.13 Noise

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☒	☐	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Environmental Setting

This section describes noise in the study area and impacts on noise that could result from construction and operation of the proposed Project. The study area for noise is generally defined by a 0.5-mile buffer surrounding areas where construction of the biogas upgrade Plant and Pipeline would occur. This section also presents the measures identified to mitigate impacts resulting from Project implementation.

Existing Conditions

Existing sources of noise in the study area include vehicle traffic on local roads and equipment associated with agricultural use of the surrounding land. According to data provided in the Merced County Background Report, among the roads with the highest traffic volumes are Route 165/Lander Avenue with an average daily traffic (ADT) of 11,800 vehicles, Bloss Avenue with an ADT of 2,800 vehicles, and August Avenue with an ADT of 1,500 vehicles (Merced County 2013).

Land use surrounding the Plant site and Pipeline consists primarily of agricultural land and single-family residence structures with a low density. The residences nearest to the digester site are 100 feet away to the east across Route 165, and 600 feet away to the north across Oslo Road.

Regulatory Setting

Federal

Noise Control Act of 1972

U.S. Environmental Protection Agency Standards for Environmental Noise

Federal Transit Administration Standards for Construction Noise

FTA has developed methods for evaluating construction noise levels, which are discussed in the *FTA Manual* (Federal Transit Administration 2018). The manual does not contain standardized criteria for assessing construction noise impacts but provides guidelines for suggested noise limits for residential uses exposed to construction noise to describe levels that may result in a negative community reaction. These guidelines are summarized in Table 3-13.1.

Table 3.13-1. Federal Transit Administration Construction Noise Impact Guidelines

Land Use	8-hour L_{eq} (dBA), Day	8-hour L_{eq} (dBA), Night
Residential	80	70
Commercial	85	85
Industrial	90	90

Source: Federal Transit Administration 2018.
L_{eq} = equivalent sound level; dBA = A-weighted decibel.

Thresholds for construction noise may be set at the local level according to expected hours of equipment operation and the noise limits specified in the noise ordinances of the applicable jurisdictions.

State

California Noise Control Act of 1973

California Department of Transportation Vibration Standards

Caltrans provides guidelines regarding vibration associated with construction and operation of transportation infrastructure. Table 3.13-2 provides the Caltrans vibration guidelines for potential damage to different types of structures.

Ground-borne vibration and noise can also disturb people. Numerous studies have been conducted to characterize the human response to vibration. In general, people are more sensitive to vibration during nighttime hours when sleeping than during daytime waking hours. Table 3.13-3 provides the Caltrans guidelines regarding vibration annoyance potential (expressed here as peak particle velocity [PPV]).

Table 3.13-2. Caltrans Vibration Guidelines for Potential Damage to Structures

	Maximum Peak Particle Velocity (PPV, in/sec)	
Structure Type and Condition	**Transient Sources**	**Continuous/Frequent Intermittent Sources**
Extremely fragile historic buildings	0.12	0.08
Fragile buildings	0.2	0.1
Historic and some old buildings	0.5	0.25
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5

Source: California Department of Transportation 2020.

Note: Transient sources create a single, isolated vibration event (e.g., blasting or the use of drop balls). Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

PPV = peak particle velocity.

Table 3.13-3. Caltrans Guidelines for Vibration Annoyance Potential

	Maximum PPV (in/sec)	
Human Response	**Transient Sources**	**Continuous/Frequent Intermittent Sources**
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.10
Severe	2.0	0.4

Source: California Department of Transportation 2020.

Note: Transient sources create a single, isolated vibration event (e.g., blasting or drop balls). Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

PPV = peak particle velocity.

Regional and Local

Regulations applicable to noise are described in the Merced County 2030 General Plan EIR (Merced County 2013):

- Policy HS-7.4: New Noise-Generating Uses
- Policy HS-7.5: Noise-Generating Activities
- Policy HS-7.8: Project Design
- Policy HS-7.12: New Project Noise Mitigation Requirements

Merced County Municipal Code

The County specifies performance standards for operation of mechanical equipment in Sections 10.60.030 and 18.40.050 of the County Municipal Code. The standards are described as follows:

> If the proposed use is adjacent to a residential land use or property that is zoned for residential use, the allowable noise level shall not exceed 65 dBA Ldn or 75 dBA Lmax at the property line.

> If the proposed use is not adjacent to a residential land use or parcel zoned for residential use, the allowable noise level shall not exceed 70 dBA Ldn or 80 dBA Lmax at the property line.

Section 18.40.050 of the municipal code further specifies standards for temporary noise from construction:

> During construction, the noise level may be temporarily elevated. To minimize the impact, all construction in or adjacent to urban areas shall comply with the following procedures for noise control:
>
> - Construction hours shall be limited to the daytime hours between 7:00 a.m. and 6:00 p.m. daily;
> - Operating or permitting the operation of any tools or equipment used in construction, drilling, earthmoving, or demolition work between 6:00 p.m. and 7:00 a.m. on a weekday or at any time on a weekend day, or legal holiday, except for emergency work, or when the sound level exceeds any applicable relative or absolute limit specified in MCC Section 10.60.030 is prohibited; and
> - All construction equipment shall be properly muffled and maintained.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact after mitigation related to the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.

Construction

Use of heavy equipment during construction at the Project site would generate noise and increase ambient noise levels at adjacent land uses. The significance of potential noise impacts resulting from construction would depend on the types of heavy equipment used, the timing and duration of noise-generating activities, and the distance between construction noise sources and noise-sensitive receptors. To determine potential noise levels during construction, standard Federal Transit Administration (FTA) source noise levels for construction equipment were used to calculate overall noise levels for each construction phase. A list of noise levels by equipment type is shown in Table 3.13-4, based on FTA data for the equipment that is expected to be used for Project construction.

Table 3.13-4. Commonly Used Construction Equipment Noise Emission Levels

Equipment	Typical Noise Level (dBA) 50 Feet from Source
Heavy truck	84
Excavator	85
Bulldozer	85
Compressor	80
Tower crane	88
Pump	77
Generator	82
Concrete mixer	85
Grader	85
Ventilation Fan/Blower	79
Roller	85

Equipment	Typical Noise Level (dBA) 50 Feet from Source
Paver	85
Auger Drill	85

Source: Federal Transit Administration, 2018.
dBA = A-weighted decibel.

To provide a reasonable worst-case analysis of potential noise impacts from concurrent use of heavy equipment during Project construction, noise modeling was conducted to determine noise levels by distance from the noise source(s). The modeling assumed that the two loudest pieces of equipment proposed for use during each construction phase would operate simultaneously at the same location on the Project site. The combined noise level in terms of L_{eq} from use of construction equipment during each phase is shown in Table 3.13-5.

Table 3.13-5. Construction Noise Levels by Activity and Distance to Allowable Sound Levels

Construction Activity	Equipment Used[a]	Combined Source Level at 50 Feet (L_{eq}, dBA)[b]	Combined Source Level at 125 Feet (L_{eq}, dBA)[b]	Combined Source Level at 250 Feet (L_{eq}, dBA)[b]	Combined Source Level at 375 Feet (L_{eq}, dBA)[b]	Combined Source Level at 500 Feet (L_{eq}, dBA)[b]
Site Preparation	Tractor	84	74	66	61	58
Grading/ Excavation	Scraper, grader	88	78	70	65	62
Trenching	Drill rig, excavator	88	78	70	65	62
Building Construction	Truck, excavator	86	76	68	64	60

Note: Distance calculations do not include the effects, if any, of local shielding from walls, topography, or other barriers, which may further reduce sound levels.
L_{eq} = equivalent sound level; dBA = A-weighted decibel.
a. The two loudest pieces of equipment that may operate in one location simultaneously.
b. Based on usage factors of 50 percent to 100 percent for the types of equipment used.

The nearest noise-sensitive use is a residence about 125 feet from the eastern limit of construction at the biogas upgrade Plant site. At this location, construction noise levels could reach a maximum of 78 dBA L_{eq} during grading and excavation. During Pipeline installation, trenching may occur in close proximity to residences along August Avenue and American Avenue, and drilling and pullback locations may be within 50 feet of residences or nearer. Depending on proximity of equipment to residences, noise levels may exceed 88 dBA L_{eq} in Pipeline trenching or drilling areas. However, equipment used for Pipeline installation would only be used for a short period of time (1 or 2 days) at a given Pipeline entrance or exit location.

Up to 40 daily one-way trips are anticipated for commuter vehicles and haul trucks accessing the Project site and Pipeline sites. Considering that Lander Avenue has an ADT of 11,800 vehicles per day and approach roads have 1,500 or more vehicles per day, employee trips would result in a noise level increase of less than 1 dB, which would not be noticeable.

As described above, construction would potentially result in a noticeable increase in ambient noise levels at residences near Pipeline installation areas and surrounding the biogas upgrade Plant site.

However, construction generally would occur only during daytime hours allowed by the County, between 7:00 a.m. to 6:00 p.m. except for concrete pours, which may be required outside of normal construction hours. Should nighttime work be required, an approval would be obtained from the County. Given that work may occur during nighttime hours , this impact is considered to be significant. Considering noise levels would most likely exceed levels under FTA guidance, best noise control practices are included to minimize noise levels at receptors. Implementation of Mitigation Measure NOI-1 would reduce this impact to **less than significant with mitigation** by limiting hours and applying attenuation measures to lower noise levels.

Operation

Biogas Cluster

Operation of the biogas Plant would involve use of compressors, chillers, blowers, pumps, transformers, and storage containers. The combination of equipment may produce a noise level of up to 85 dBA at 50 feet, based on typical heavy equipment noise source levels in Table 3.13-2, assuming no noise attenuating measures are incorporated. This is a conservative assumption, given that the sound power levels of the equipment to be installed are not known. However, this estimate provides a worst-case analysis of noise levels that may occur at the property line and nearest residence. Based on the results in Table 3.13-6, the combined source level would exceed the County noise limit of 70 dBA L_{dn} at the property line and would marginally exceed the 65 dBA L_{dn} standard at the property line of the nearest residence.

Table 3.13-6. Operation Noise Levels Distance to Allowable Sound Levels

Operation Activity	Equipment Used	Combined Source Level at 50 Feet (L_{dn}, dBA)[a]	Combined Source Level at 100 Feet (L_{dn}, dBA)[a]	Combined Source Level at 250 Feet (L_{dn}, dBA)[a]	Combined Source Level at 350 Feet (L_{dn}, dBA)[a]	Combined Source Level at 400 Feet (L_{dn}, dBA)[a]
Biogas upgrade Plant	Two compressors, pump, blower	91	83	73	69	67

Note: Distance calculations do not include the effects, if any, of local shielding from walls, topography, or other barriers, which may further reduce sound levels.

L_{dn} = day-night 24-hour average sound level; dBA = A-weighted decibel.

a. Based on continuous operation.

Traffic

Up to 12 daily one-way trips are anticipated for maintenance vehicles and employee access to the Project site. Considering that Lander Avenue has an ADT of 11,800 vehicles per day and approach roads have 1,500 or more vehicles per day, employee trips would result in a noise level increase of less than 1 dB, which would not be noticeable.

As described above, permanent equipment may potentially exceed County noise limits at the property line of the biogas upgrade Plant. The Applicant is required to ensure permanent equipment used at the site would not exceed County noise limits. Therefore, this impact is considered to be significant. Implementation of Mitigation Measure NOI-2 would reduce this impact to **less than significant with mitigation** as facilities are designed to produce noise levels that are in compliance with County standards.

b) The Project would have a less-than-significant impact with mitigation related to generation of excessive groundborne vibration or groundborne noise levels.

Construction

Biogas Upgrade Plant Site

Construction of Project facilities would involve the use of standard heavy equipment. Impact-hammer pile drivers would not be used during construction. Non-impact equipment such as bulldozers generate perceptible levels of vibration within about approximately 25 feet from the equipment. Table 3.13-7 summarizes the typical vibration levels generated by construction equipment up to 100 feet from each individual piece of equipment.

Table 3.13-7. Vibration Source Levels for Typical Construction Equipment

Equipment	PPV at 25 Feet	PPV at 40 Feet	PPV at 75 Feet	PPV at 100 Feet
Pile driver (sonic)	0.644	0.318	0.124	0.081
Auger drill	0.089	0.044	0.017	0.011
Bulldozer	0.089	0.044	0.017	0.011
Roller	0.210	0.104	0.040	0.026
Loaded trucks	0.076	0.038	0.015	0.010

Source: Federal Transit Administration. 2018.

There are no sensitive receptors located within 100 feet of the Project biogas upgrade Plant site. During construction of the driveway, vibratory rollers may be used during rolling of asphalt. Rollers produce a vibration level of 0.04 inch/second PPV up to 75 feet away from the source. There are no sensitive receptors located within 75 feet of the Project biogas upgrade Plant site; the nearest receptor is approximately 125 feet from the eastern limit of construction. Construction of facilities would be short term, and the use of heavy equipment would cease once construction is complete.

Pipeline

Construction of the Pipeline to each of the farms in the cluster would involve horizontal directional drilling (HDD) methods where Pipeline tunneling would be done. Trenching would be done in locations in all other locations. For HDD, a small-diameter tunnel would first be drilled using a directional auger drill, then the Pipeline would be pulled back through the bored hole. These operations would require use of drill rigs, pumps, and trucks to serve the entrance and exit points for each Pipeline placement. Excavators and earthmoving equipment would be used where trenching for the Pipeline is required. No high-impact equipment would be used during these operations; however, entrance/exit locations for pipelines may be located in proximity to residences along American Avenue. Depending on the types of equipment used and setup for the Pipeline installation, heavy equipment may be used within 25 feet of the nearest residence at which distance vibration from construction activities could result in annoyance or building damage. This impact is considered to be significant. Implementation of Mitigation Measure NOI-3 would reduce this impact to **less than significant with mitigation** by locating equipment so as to minimize vibration and including vibration control planning.

Operation

Project operations would involve continuous operation of compressors, which are not a significant source of vibration. The use of this equipment would not result in perceptible vibration at the sensitive uses nearest to these facilities. Vibration during maintenance is not expected to result in damage to buildings, based on the analysis of the Plant site described above. Impacts due to vibration during operation are considered to be **less than significant**.

c) The Project would have no impact due to location within the vicinity of a private airstrip or an airport land use plan, or, where such a plan has not been adopted, within two miles of a public airport or public use airport and expose people residing or working in the Project area to excessive noise levels.

Construction and Operation

Aircraft operations in the region contribute to existing noise levels in the study area and would continue to do so in the future. However, the Project is not located within the influence area of any regional airports. The nearest airport is Turlock Airpark, located about 3 miles to the north of the Project site. The Project would not add sensitive uses that could be affected by aircraft noise, and workers would not be exposed to airport noise or excessive noise from aircraft. There would be **no impact**.

Mitigation Measures

Mitigation Measure NOI-1. Implement Best Noise Control Practices during Construction

Best practices to minimize construction noise include the following:

- Limiting heavy equipment use to daytime hours not regulated by the County, between 7:00 a.m. and 6:00 p.m.
- Notifying adjacent residents in advance of construction work.
- Locating stationary equipment (e.g., generators, pumps, cement mixers, idling trucks) as far as practical from noise-sensitive land uses.
- Requiring that all construction equipment powered by gasoline or diesel engines have sound-control devices such as exhaust mufflers that are at least as effective as those originally provided by the manufacturer and that all equipment be operated and maintained to minimize noise generation.
- Using equipment powered by electric motors instead of gasoline or diesel-powered engines.
- Preventing excessive noise by shutting down idle vehicles or equipment.
- Using noise-reducing enclosures around noise-generating equipment.
- Constructing barriers between noise sources and noise-sensitive land uses or taking advantage of existing barrier features (e.g., buildings) to block sound transmission to noise-sensitive land uses. The barriers should be designed to obstruct the line-of-sight between the noise-sensitive land use and onsite construction equipment.

Mitigation Measure NOI-2: Design Facilities Such that Operational Noise Does Not Exceed 65 dBA L_{dn} at the Property Line

Implementation of this measure will ensure that operational noise levels do not exceed the county standard of 65 dBA L_{dn} at the property line. Measures that may be implemented to achieve this include but are not limited to:

- installing noise-attenuating enclosures or buildings around all noise-generating equipment
- using equipment with low-noise motors
- using low-noise transformers
- limiting openings in the enclosing structure and installing acoustic ventilation louvers where ventilation openings are required
- installing acoustic access doors and wall panels
- placing sound barriers (earthen berms or walls) around noise-generating equipment

Verification noise monitoring will be conducted at the property line(s) by a qualified engineer to confirm that the noise levels conform to the County performance standard. If noise levels from facilities are out of compliance, the Applicant will implement additional necessary treatments and monitoring verification until compliance is achieved.

Mitigation Measure NOI-3: Employ Vibration-Reducing Practices and Designate a Complaint Coordinator during Construction of the Pipeline

Heavy vibration-producing equipment such as drill rigs and earthmoving equipment shall be located at least 40 feet away from structures during construction of the Pipeline. If this type of equipment is required to operate at a location that is within 40 feet of the nearest structure, alternative techniques that rely on smaller equipment types may be required. A designated coordinator will be responsible for handling and responding to any complaints received during Pipeline construction.

3.14 Population and Housing

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Environmental Setting

This section describes population and housing and the potential impacts that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the portion of the HCC property that would be used for the biogas processing Plant and the farm roads and public roads used for proposed Pipeline alignments. Information in this section is based on the 2010 U.S. census, the 2030 Merced County General Plan, and the Merced County Zoning Ordinance.

Existing Conditions

The nearest community to the study area is Hilmar. According to the U.S. Census Bureau, the population of the Hilmar-Irwin census-designated place grew from 5,197 in 2010 to 5,755 in 2019, a growth rate of approximately 10.7 percent (U.S. Census Bureau 2021a; U.S. Census Bureau 2021b). The growth rate in Hilmar was relatively higher than the rest of Merced County, which experienced a growth rate of approximately 8.6 percent during the same time period. The Merced County Association of Governments predicts that Merced County will continue to grow approximately 35.4 percent between 2020 and 2040 (Merced County Association of Governments 2016).

As of December 2020, the unemployment rate in Merced County was approximately 11.5 percent (State of California Employment Development Department 2021). The unemployment rate in Merced County in December 2019 was approximately 7.9 percent; the unemployment rate has decreased substantially since December 2010 when the unemployment rate was at 18.7 percent. Construction of the proposed Project would provide job opportunities for construction workers; operation of the proposed Plant would require approximately four or five employees.

Regulatory Setting

The following regulations applicable to population and housing are described in the Merced County 2030 General Plan EIR (Merced County 2013):

- State Housing Element Law
- Regional Housing Needs Allocation (RHNA)

- California Relocation Law
- Merced County Association of Governments (MCAG)
- Merced County 2010 Housing Element

Regional and Local

Merced County 2016 Housing Element Update

Merced County completed an update to its 2010 Housing Element for the 2016–2024 planning period in August 2016. The purpose of the Housing Element is to identify and analyze existing and projected housing needs in order to preserve, improve, and develop housing for all economic segments of the community. The Housing Element consists of two parts: the Background Report and the Policy Document. The Background Report identifies the nature and extent of housing needs in the county, which in turn provides the basis for Merced County's response to those needs in the Policy Document.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact on unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure).

The proposed biogas processing Plant and associated Pipeline would be located in an area dominated by agricultural uses; the proposed Project would not include the construction of any residential structures. Implementation of the Project would not result in a new or different type of use for the area, nor would the Project create or improve any infrastructure serving the site or region that could lead to substantial unplanned population growth. The proposed Project is consistent with Merced County land use plans, and no modification of land use and development policies would be necessary to connect the Pipeline to the existing dairy biogas digesters.

Construction of the proposed Project would be of short duration, and existing local construction workers would be utilized to the extent possible. The biogas processing Plant would operate every day of the year. While monitoring would be performed 24 hours a day via SCADA security systems, up to five onsite technicians would be at the biogas processing Plant each day for inspections, maintenance, and record keeping.

In December 2020, the labor force in Merced County totaled 113,600 persons, with an official unemployment rate of 11.5 percent (State of California Employment Development Department 2021). The labor needs of the proposed Project could be accommodated by this existing workforce within Merced County and would not require the importation of workers. Similarly, no additional housing demands are anticipated with the proposed Project. Therefore, the proposed Project would not induce substantial direct or indirect population growth, and a **less-than-significant** impact would occur.

b) The Project would have no impact regarding the displacement of existing people or housing that would necessitate the construction of replacement housing elsewhere.

There are no people or housing units at the proposed site for the biogas processing Plant. Although scattered rural residences are present in the study area, construction of the Pipeline would take

place within existing roadways and rights of way as well as agricultural fields. It would not result in the displacement of rural residences. Because no people or housing would be displaced and no construction of replacement housing would be needed, there would be **no impact**.

3.15 Public Services

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?	☐	☐	☒	☐
Police protection?	☐	☐	☒	☐
Schools?	☐	☐	☒	☐
Parks?	☐	☐	☒	☐
Other public facilities?	☐	☐	☒	☐

Environmental Setting

This section describes public services and potential impacts on such services that could result from construction and operation of the proposed Project. The Project study area includes service areas for the Plant area as well as the public service providers who cover unincorporated Hilmar.

Existing Conditions

This section provides a discussion of the existing conditions, including fire protection services, police services, schools, and parks, related to public services at the Project site and in the study area. Information in this section is based on the 2030 Merced County General Plan and the websites of public service providers.

Fire protection services in unincorporated Merced County, including Hilmar, are provided by the Merced County Fire Department (MCFD). MCFD is a full-service fire department, providing emergency services to all unincorporated areas of the county through a network of fire stations, personnel, and equipment. This network is comprised of 20 stations and a fleet of approximately 80 vehicles. MCFD fire suppression personnel are provided through a contract with the California Department of Forestry and Fire Protection (CAL FIRE). The closest fire station to the Project site is Fire Station #95 in Hilmar, located approximately 1.6 miles south of the Plant and east of the Pipeline alignment.

Police protection services in unincorporated Merced County, including Hilmar, are provided by the Merced County Sheriff's Department (MCSD). The department maintains stations in Merced, Los Banos, and Delhi and operates a correctional center in El Nido. MCSD also maintains a total of six Sheriff's Community Law Enforcement Office stations in Merced, Planada, Santa Nella, Delhi, Hilmar,

and Winton. The closest police station to the Project site is in Delhi, located approximately 3.6 miles east of the Project site.

Public schools in Hilmar are part of the Hilmar Unified School District. This district contains five schools, including two high schools, one middle school, and two elementary schools, and serves approximately 2400 students (Hilmar Unified School District 2021).

The Merced County Parks and Recreation Department maintains a variety of parklands throughout the county. County maintained parklands are divided into four basic classes: regional parks, community parks, dual-use parks, and neighborhood parks. Additionally, there are three National Wildlife Refuges located in Merced County: the Merced National Wildlife Refuge, the San Luis National Wildlife Refuge, and the San Joaquin River National Wildlife Refuge. The State of California Department of Parks and Recreation offers six parks in Merced County. The California Department of Fish and Wildlife operates seven wildlife areas in Merced County. The nearest park to the Project site is Hilmar Park, a community park located approximately 1.6 miles south of the Plant at Lander Avenue and Falke Street in Hilmar. This park is operated by the Merced County Parks and Recreation Department.

Other public facilities in the vicinity of the Project include the Irwin-Hilmar Public Library, located at 20041 Falke Street in Hilmar and the Hilmar Community Hall, located at 20079 Falke Street in Hilmar.

Regulatory Setting

Regulations applicable to public services are described in the Merced County 2030 General Plan PEIR (Merced County 2013). There are no federal regulations applicable to public services in Merced County. The list below outlines applicable regulations and, as relevant, updated descriptions for new or updated regulations.

State

State regulations applicable to public services include:

- California Fire Code
- California Uniform Fire Code
- California Department of Education Standards Guide to School Site Analysis
- California Library Service Act
- California Government Code
- California Education Code Section 17620
- Government Code Section 65995
- California Health and Safety Code
- State of California Proposition 1A/Senate Bill 50
- Mental Health Services Act
- Welfare and Institutions Code

Regional and Local

Regional and local regulations applicable to public services include:

- Merced County Fire Code

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire Protection

Construction

As discussed in Section 3.14, *Population and Housing*, construction of the Project would not induce population growth in Hilmar or Merced County. As discussed in Chapter 3.17, *Transportation*, construction of the Project would result in a temporary increase in traffic volumes, up to 20 trips per day in the Project area. Construction of the proposed Project would be of short duration, and existing local construction workers would be utilized to the extent possible. The addition of construction traffic would be minor and would not affect the MCFD's service times. Therefore, construction of the Project would not affect the MCFD's service ratio or ability to meet other performance objectives. There would be a **less-than-significant** impact.

Operation

Operation of the Project would not induce population growth in Hilmar or Merced County. As discussed in Chapter 3.14, *Population and Housing*, the labor needs of the Project can be accommodated by the existing workforce within Merced County. Operation of the Project would generate a minor increase in traffic volumes, up to five daily round trips to the Project site, as described in Chapter 3.17, *Transportation*. However, these additional trips would not affect the MCFD's existing service times. Operation of the Project would not affect the MCFD's service ratio or ability to meet other performance objectives. There would be a **less-than-significant** impact on fire protection services.

Police Protection

Construction

As discussed in Section 3.14, *Population and Housing*, construction of the Project would not induce population growth in Hilmar or Merced County. As discussed in Chapter 3.17, *Transportation*, construction of the Project would result in a temporary increase in traffic volumes, up to 20 trips per day in the Project area. Construction of the proposed Project would be of short duration, and existing local construction workers would be utilized to the extent possible. The addition of construction traffic would be minor and would not affect the MCSD's service times. Therefore, construction of the Project would not affect the MCSD's service ratio or ability to meet other performance objectives. There would be a **less-than-significant** impact.

Operation

Operation of the Project would not induce population growth in Hilmar or Merced County. As discussed in Chapter 3.14, *Population and Housing*, the labor needs of the Project can be accommodated by the existing workforce within Merced County. Operation of the Project would generate a minor increase in traffic volumes, up to five daily round trips to the Project site, as described in Chapter 3.17, *Transportation.* However, these additional trips would not affect the MCSD's existing service times. Operation of the Project would not affect the MCSD's service ratio or ability to meet other performance objectives. There would be a **less-than-significant** impact on police services.

Schools

Construction

As discussed in Section 3.14, *Population and Housing*, construction of the Project would not induce population growth in Hilmar or Merced County. Construction of the proposed Project would be of short duration, and existing local construction workers would be utilized to the extent possible. Therefore, families would not relocate to Hilmar as a result of the Project, and school enrollment at existing facilities would not be affected. There would be a **less-than-significant** impact on schools.

Operation

Operation of the Project would not induce population growth in Hilmar or Merced County. As discussed in Chapter 3.14, *Population and Housing*, the labor needs of the Project could be accommodated by the existing workforce within Merced County. Families would not relocate to Hilmar as a result of the Project, and school enrollment at existing facilities would not be affected. There would be a **less-than-significant** impact on schools.

Parks

Construction

Construction of the Project would not physically disrupt any existing park facilities, and, as discussed in Section 3.14, *Population and Housing*, it would not induce population growth in Hilmar or Merced County and increase the use of local and regional parks. Construction of the proposed Project would be of short duration, and existing local construction workers would be utilized to the extent possible. Demand for parks would not be affected. There would be a **less-than-significant** impact on parks.

Operation

Operation of the Project would not induce population growth in Hilmar or Merced County. As discussed in Chapter 3.14, *Population and Housing*, the labor needs of the Project could be accommodated by the existing workforce within Merced County. Demand for parks would not be affected. There would be a **less-than-significant** impact on parks.

Other Public Facilities

Construction

Other public facilities in the vicinity of the Project, including libraries, community centers, senior centers, and athletic fields, would not be affected by construction of the Project because construction of the Project would not induce population growth in Hilmar or Merced County, as discussed in Section 3.14, *Population and Housing*. Construction of the proposed Project would be of short duration, and existing local construction workers would be utilized to the extent possible. There would be a **less-than-significant** impact on other public facilities.

Operation

Other public facilities in the vicinity of the Project, including libraries, community centers, senior centers, and athletic fields, would not be affected by operation of the Project because operation of the Project would not induce population growth in Hilmar or Merced County. As discussed in Chapter 3.14, *Population and Housing*, the labor needs of the Project can be accommodated by the existing workforce within Merced County. There would be a **less-than-significant** impact on other public facilities.

3.16 Recreation

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	☐	☐	☒	☐

Environmental Setting

This section describes recreation in the study area and impacts on recreation that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as Hilmar, which contains the nearest recreational facilities to the Project site. Information in this section is based on the 2030 Merced County General Plan.

Existing Conditions

Refer to Chapter 18 of the 2030 Merced County General Plan Program EIR (PEIR) for a description of existing conditions related to recreation.

Regulatory Setting

Regulations applicable to recreation are described in the Merced County 2030 General Plan EIR (Merced County 2013). The list below provides the applicable regulations.

Federal

National Trail Systems Act of 1968 (16 U.S.C. Section 1241, et seq.)

State

- State Public Resources Code Section 5076: Open Space Elements and Trail Considerations
- California Recreational Trails Act of 1978 (Public Resources Code Sections 2070–5077.8)
- Open Space Land (State Government Code Section 65910)
- Regional Open Space District Act (Public Resources Code Section 5500, et seq., adopted as Senate Bill 1685)
- Open Space Easement Act of 1974 (Government Code Section 51070, et seq.)
- Conservation Easement Act of 1979 (Civil Code Section 815, et seq.)
- Quimby Act (Section 66477, State Government Code, Subdivision Map Act)

Regional and Local

- Merced County Code Section 17.44: Local Recreational Park Land Space and/or Fee Obligation

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact on the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated.

Construction

The duration of construction of the proposed Project would be short, and, as discussed in Section 3.14, *Population and Housing*, local construction workers would be utilized to the extent possible. Construction of the Project would not result in population growth and, therefore, would not increase existing demand for neighborhood and regional parks or other recreational facilities. Deterioration of existing parks and recreational facilities would not occur or be accelerated. Impacts would be **less than significant**.

Operation

The labor needs of the proposed Project can be accommodated by this existing workforce within Merced County, as discussed in Section 3.14, *Population and Housing*, and would not require workers to relocate to Merced County. Operation of the Project would not result in population growth and, therefore, would not increase existing demand for neighborhood and regional parks or other recreational facilities. Deterioration of existing parks and recreational facilities would not occur or accelerate. Impacts would be **less than significant** .

b) The Project would have a less-than-significant impact regarding the inclusion of recreational facilities or the requirement of construction or expansion of recreational facilities that might have an adverse physical effect on the environment.

Construction

As discussed above, population would not be affected by construction of the Project, as discussed in Section 3.14, *Population and Housing*, and demand for existing recreational facilities would not change. No new or modified recreational facilities would be required as a result of the Project. Construction of the Project would not include or require new recreational facilities or the expansion of existing recreational facilities. Impacts would be **less than significant**.

Operation

As discussed above, population would not be affected by operation of the Project, as discussed in Section 3.14, *Population and Housing*, and demand for existing recreational facilities would not change. No new or modified recreational facilities would be required as a result of the Project. Operation of the Project would not include or require new recreational facilities or the expansion of existing recreational facilities. Impacts would be **less than significant**.

3.17 Transportation and Traffic

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d) Result in inadequate emergency access?	☐	☒	☐	☐

Environmental Setting

This section describes impacts on transportation and traffic that could result from construction and operation of the proposed Project. This section also presents measures identified to mitigate impacts resulting from Project implementation. The study area for this resource is generally defined as the roadways in the immediate proximity to the Project site.

Existing Conditions

The Project area is surrounded by numerous agricultural land uses and a scattering of residential properties. The proposed Project is located in a relatively rural, sparsely inhabited area of Merced County. The primary transportation routes through this area are State Route (SR) 99, which stretches nearly the entire length of the Central Valley, and State Route 165, also known as Landers Avenue.

The primary access road for the Project site is Lander Road; this road is being proposed as the main access route during construction. Lander Avenue also provides access to a number of residences and agricultural developments within unincorporated Hilmar.

The Pipeline would be installed under farm roads and through agricultural fields on private property for connection to the dairy digesters as well as adjacent to roads within County roadway rights-of-way. Roadways adjacent to this Pipeline are Oslo Road, August Avenue, American Avenue, Columbus Avenue, Tegner Road, Bloss Avenue, Washington Road, Geer Avenue, and Faith Home Road. All of these roadways provide access to a number of residences and agricultural developments within unincorporated Hilmar.

Regulatory Setting

Federal

No federal laws, regulations, or policies related to traffic and transportation and the proposed Project were identified.

State

The California Department of Transportation (Caltrans) manages the state highway system and ramp interchange intersections. The state agency is also responsible for highway, bridge, and rail transportation planning, construction, and maintenance. As a result, any change to the State roadway system requires an encroachment permit from Caltrans. Work that requires movement of oversized or excessive load vehicles on highway facilities requires a transportation permit by Caltrans.

In addition to maintaining highways and general regulations and laws dealing with licensing, traffic signage, and other noncommercial driver requirements, State laws and regulations also govern motor carriers on roadways within the State.

Regional and Local

The Merced County General Plan (2013) guides land use and development in unincorporated areas of Merced County. The Merced County government is responsible for the management of the county roadway system. Goals and policies in the general plan related to traffic and transportation include maintenance of an acceptable level of service (LOS) on County roads and locating and designing new public roads to minimize disruptions for existing development. The following goal and policies from the Merced County General Plan apply to the proposed Project: Goal CIR-1, Policy CIR-1.1, and Policy CIF-1.5.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact on programs, plans, ordinances or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities.

Construction

Construction activities would result in an increase in roadway traffic in Merced County. All equipment and materials would be transported from Bakersfield, CA. Haul trips will use Highway 99. The primary haul route will follow August Avenue and Lander Avenue; if necessary, oversized equipment or materials would be transported along Bradbury Road to avoid congestion in Hilmar. During construction, a maximum of 20 trips per day are anticipated. Included are up to two material trips and up to two haul trips. All spoils and debris would be hauled to nearby dairy facilities within Hilmar. This minor increase in traffic during construction would be temporary and would not degrade the LOS on the main access road, Lander Avenue. The staging area for the Plant would be on the northern edge of the fenced area where the proposed "unmarked off-street parking area" would be located following construction. The staging areas for the Pipeline would be at each dairy connecting to the Pipeline.

Landers Avenue has been proposed as the main access point during construction of the Plant. Traffic controls would be required during construction at this access point. In addition, some Pipeline installation locations would also require traffic control during construction. Traffic patterns would return to similar conditions once construction is complete.

Operation

Operational traffic would include personnel conducting inspections and routine maintenance. The proposed Project would employ approximately five employees, which would generate a maximum of five daily round trips. Because of the existing low levels of local traffic in the vicinity, and because minimal new trips would be generated by the proposed Project modification, congestion on nearby roadways would not increase. There would be no reduction in the existing LOS on nearby roads, and the Project would not conflict with any applicable congestion management plan.

There would be no permanent changes to level of service standards, travel demands, or congestion after Project construction. Impacts would be **less than significant**.

b) The Project would have a less-than-significant impact regarding conflicts or inconsistencies with CEQA Guidelines Section 15064.3, subdivision (b).

Section 15064.3, subdivision (b) of the CEQA Guidelines describes criteria for analyzing transportation impacts. The proposed Project would employ approximately five employees, which would generate a maximum of five daily round trips. Many local agencies have developed screening thresholds to indicate when detailed analysis is needed. As set forth in the Governor's Office of Planning and Research Technical Advisory on Evaluating Transportation Impacts in CEQA (December 2018), "absent substantial evidence indicating that a project would generate a potentially significant level of VMT, or inconsistency with a Sustainable Communities Strategy or general plan, projects that generate or attract fewer than 110 trips per day generally may be assumed to cause a less-than-significant transportation impact." Because the Project would be considered consistent with the Merced County General Plan, and the Project would not generate a significant number of trips and associated vehicle miles traveled, impacts would be **less than significant**.

c) The Project would have a less-than-significant impact regarding hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).

Construction

During the construction phase of the Plant and Pipeline, initial mobilization and import of Project materials from offsite locations and spoils disposal would result in heavy vehicles and equipment accessing the work areas via Oslo Road, Bradbury Road, Letteau Avenue, August Avenue, American Avenue, Columbus Avenue, Tegner Road, Bloss Avenue, Washington Road, Geer Avenue, and Faith Home Road and Lander Avenue. As previously discussed, temporary traffic controls would be implemented during construction of the Plant and Pipeline to guide traffic through the construction sites and alleviate any potential traffic hazards or dangerous intersections.

Operation

Implementation of the proposed Project would not result in the construction of new roadways. However, the Project would require the addition of a new driveway from the Plant site to a state

facility, SR 165 (Lander Avenue). This driveway would be subject to all Caltrans design standards, as outlined in the Caltrans *Highway Design Manual* (Caltrans 2020). There would be no increase in hazards related to a geometric design feature or due to incompatible uses.

Impacts would be **less than significant**.

d) The Project would have a less-than-significant impact with mitigation on emergency access.

Construction

In the event that Project construction requires temporary lane closures or detours on Oslo Road, Bradbury Road, Letteau Avenue, August Avenue, American Avenue, Columbus Avenue, Tegner Road, Bloss Avenue, Washington Road, Geer Avenue, and Faith Home Road and Lander Avenue, such closures or detours have the potential to interfere with implementation of County emergency response or emergency evacuation plans, including access for emergency providers (police and fire). With the implementation of Mitigation Measure TR-1 (Emergency Access Measures), potential impacts would be reduced to **less than significant with mitigation**.

Operation

Project implementation would not interrupt emergency access to the Project site, and compliance with County roadway standards would ensure adequate emergency access. **No impact** would occur.

Mitigation Measures

Mitigation Measure TR-1: Emergency Access Measures

- In the event that Project construction requires temporary lane closures or detours on Oslo Road, Bradbury Road, Letteau Avenue, August Avenue, American Avenue, Columbus Avenue, Tegner Road, Bloss Avenue, Washington Road, Geer Avenue, Faith Home Road, and Lander Avenue, more than one access road will be established. An alternate access road shall be developed in the event of impairment of a single road by vehicle congestion, condition of terrain, climate conditions, or factors that could limit access.
- All access points (gates) shall have a Knox key box installed for fire department emergency access.

3.18 Tribal Cultural Resources

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☒	☐	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Environmental Setting

This section describes tribal cultural resources and impacts on tribal cultural resources that could result from construction and operation of the proposed Project. This section also presents the measures identified to mitigate impacts resulting from Project implementation. Additional background information is contained in Section 3.5 *Cultural. Resources*.

Tribal cultural resources are sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are either included or determined to be eligible for inclusion in the California Register of Historical Resources or included in a local register of historical resources.

For the purposes of this analysis, the study area for this resource is generally defined as the footprint of the biogas upgrade Plant and associated collection Pipeline corridors. This study area is delineated to consider potential impacts on tribal cultural resources as a result of Project activities, including ground disturbance as well as the alteration, relocation, or demolition of buildings, structures, or districts that may intersect the Project footprint.

Existing Conditions

This section provides a discussion of the existing conditions related to cultural resources in the study area. Information regarding tribal cultural resources is based on coordination and consultation with the Native American Heritage Commission (NAHC) and local California Native American tribes, with supplemental information provided by a records search and literature review, and pedestrian survey.

Assembly Bill (AB) 52 Consultation

No local California Native American tribes have contacted Merced County to date and requested consultation under CEQA regarding County projects. However, out of an abundance of caution, ICF contacted the Native American Heritage Commission (NAHC) on behalf of the County and requested a list of local California Native American tribes with cultural affiliation to the Project's geographic location in order to determine whether tribal cultural resources are present in the study area. On February 16, 2021, the NAHC was asked to search its Sacred Lands File (SLF) for information regarding tribal cultural resources in the area and provide a list of Native American representatives who may have relevant information regarding such resources. The NAHC responded on March 11, 2021, stating that the search of the SLF did not identify sensitive areas in the vicinity of the study area. In addition, the NAHC provided a list of five Native American contacts. These individuals are listed below.

- Valentin Lopez, Chairperson – Amah Mutsun Tribal Band
- Timothy Perez, Most Likely Descendent (MLD) – North Valley Yokuts Tribe
- Katherine Perez, Chairperson – North Valley Yokuts Tribe
- William Leonard, Chairperson – Southern Sierra Miwuk Nation
- Neil Peyron, Chairperson – Tule River Indian Tribe

On May 6, 2021, letters with Project details and a location map were sent by email to four of the individuals listed above. The letter addressed to Chairperson Leonard was sent via certified mail on May 7, 2021. The letters explicitly stated that they represented formal notification of a proposed project, as required under CEQA—specifically, Public Resources Code Section 21080.3.1 and Chapter 532 of the Statutes of 2014 (Assembly Bill [AB] 52).

AB 52 consultation material is included in Appendix 3.5-A.

Regulatory Setting

This section describes regulations applicable to tribal resources.

State

Assembly Bill 52

Tribal cultural resources were originally identified as a distinct CEQA environmental category with the adoption of Assembly Bill 52 (AB 52) in September 2014. For all projects that are subject to CEQA that received a notice of preparation, notice of negative declaration, or mitigated negative declaration on or after July 1, 2015, AB 52 requires the lead agency on a proposed project to consult with the geographically affiliated California Native American tribes. The legislation creates a broad new category of environmental resources, "tribal cultural resources," which must be considered under CEQA. AB 52 requires a lead agency to not only consider the resource's scientific and historical value but also whether it is culturally important to a California Native American tribe.

AB 52 defines tribal cultural resources as sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are included or determined to be eligible for inclusion in the California Register; included in a local register of historical resources, as defined in Public Resources Code Section 5020.1(k); or determined by the lead agency,

in its discretion and supported by substantial evidence, to be significant pursuant to the criteria of Public Resources Code Section 5024.1(c) (CEQA Section 21074).

AB 52 also sets up an expanded consultation process. For projects initiated after July 1, 2015, lead agencies are required to provide notice of the proposed projects to any tribe that is traditionally and culturally affiliated with the geographic area that requested to be informed by the lead agency, following Public Resources Code Section 21018.3.1(b). If, within 30 days, a tribe requests consultation, the consultation process must begin before the lead agency can release a draft environmental document. Consultation with the tribe may include discussion of the type of review necessary, the significance of tribal cultural resources, the significance of a project's impacts on the tribal cultural resources, and alternatives and mitigation measures recommended by the tribe. The consultation process will be deemed concluded when either (a) the parties agree to mitigation measures or (b) any party concludes, after a good-faith effort, that an agreement cannot be reached. Any mitigation measures agreed to by the tribe and lead agency must be recommended for inclusion in the environmental document. If a tribe does not request consultation, or otherwise assist in identifying mitigation measures during the consultation process, a lead agency may still consider mitigation measures if the agency determines that a project will cause a substantial adverse change to a tribal cultural resource.

Assembly Bill 168

Assembly Bill 168 (AB 168), adopted in September 2020, provides additional protection for tribal cultural resources, as defined in AB 52. This bill applies in situations where a developer seeks to streamline approval under Senate Bill 35 (SB 35) and, in so doing, bypass CEQA requirements. AB 168 rectifies a loophole in SB 35 that allowed developers to apply for fast-tracked approval without notifying Native American tribes affiliated with a project area. Instead, under AB 168 projects would be ineligible for SB 35 and subject to CEQA if (a) the site of the proposed development is a tribal cultural resource that is on a national, state, tribal, or local historic register list, (b) the local government and the California Native American tribe do not agree that no potential tribal cultural resource would be affected by the proposed development, or (c) the local government and California Native American tribe find that a potential tribal cultural resource could be affected by the proposed development and the parties do not document an enforceable agreement regarding the methods, measures, and conditions for treatment of those tribal cultural resources, as provided.

Regional and Local Regulation

2030 Merced County General Plan

Policy RCR-2.10: Tribal Consultation. Consult with Native American tribes regarding proposed development projects. Land use policy changes must be consistent with planning and zoning law at Government Code Section 65351 and the OPR Tribal Consultation Guidelines (2005).

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact with mitigation regarding tribal cultural resources listed or eligible for listing in the California Register of Historical Resources or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k).

or

b) The Project would have a less-than-significant impact with mitigation regarding a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

No traditional cultural properties or tribal cultural resources were identified within the study area as a result of procedures conducted under the guidelines of AB 52 and per Public Resources Code Section 21080.3.1. None of the Tribes contacted (Amah Mutsun Tribal Band, Southern Sierra Miwuk Nation, Tule River Indian Tribe, and Northern Valley Yokuts Tribe) responded to the County to request consultation or provide evidence of resources present in the study area. Accordingly, no substantial adverse change to known tribal cultural resources is anticipated. In addition, as discussed in Section 3.5, *Cultural Resources*, no previously recorded prehistoric archaeological resources were identified within the study area as a result of the records search and literature review conducted at the Central Coast Information Center (CCIC) or during the pedestrian survey of the study area.

Construction

Although no tribal cultural resources were identified through consultation with local California Native American tribes, and no prehistoric archaeological resources were identified within the study area, the possibility remains that prehistoric archaeological resources that could be considered tribal cultural resources could be encountered during Project construction. Ground disturbance has the potential to disturb or destroy archaeological resources. This impact would be significant. Mitigation Measures CUL-1 and CUL-2 outlined in Section 3,5, *Cultural Resources*, would allow for the early identification and proper treatment of archaeological resources and human remains, that could be considered tribal cultural resources, should they be encountered during Project-related ground disturbance. In addition, if a tribal cultural resource is unexpectedly identified during Project activities, Mitigation Measure TCR-1 would be implemented. Culturally appropriate mitigation for a tribal cultural resource is different than mitigation for archeological resources, and appropriate mitigation measures should be identified through consultation with a tribal government. In the event that a tribal cultural resource is unexpectedly identified during the course of the Project, and the CEQA lead agency determines that the Project may cause a substantial adverse change to it, the CEQA lead agency will rely on the mitigation measures described in the Public Resources Code , such as protecting the tribal cultural resource, treating the resource with culturally appropriate respect, avoiding and preserving the resource in place when feasible, and establishing permanent conservation easements, if possible. If the CEQA lead agency determines that the mitigation measures described in the Public Resources Code are feasible, the measures may be implemented to avoid or minimize significant adverse impacts (Public Resources Code Section 21084.3[b]). Therefore, Mitigation Measure TCR-1 is provided to reduce impacts on tribal cultural resources to **less than significant with mitigation**.

Operation

No tribal cultural resources were identified during consultation with local California Native American tribes. In addition, no ground disturbance is associated with operation of the Project; there would be no potential to inadvertently encounter an archaeological resource that could be considered a tribal cultural resource. Therefore, operation of the Project would have **no impact** on tribal cultural resources.

Mitigation Measures

Mitigation Measure CUL-1: Inadvertent Discovery Protocol

Mitigation Measure CUL-2: Stop Work if Human Remains Are Encountered during Construction Activities

Mitigation Measure TCR-1: Standard Mitigation for Tribal Cultural Resources When No Tribal Cultural Resources Have Been Identified

In the event that a tribal cultural resource is unexpectedly identified during the course of a proposed project, and the CEQA lead agency determines that the project may cause a substantial adverse change to a tribal cultural resource, the CEQA lead agency will employ one or more of the following standard mitigation measures identified in PRC Section 21084.3(b):

1. Avoidance and preservation of the resources in place, including, but not limited to, planning and construction to avoid the resources and protect the cultural and natural context, or planning green space, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
2. 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:
    A. Protecting the cultural character and integrity of the resource
    B. Protecting the traditional use of the resource
    C. Protecting the confidentiality of the resource
3. 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.
4. Protecting the identified tribal cultural resource.

3.19 Utilities and Service Systems

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

Environmental Setting

This section describes impacts on utilities and service systems that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the portion of the HCC property that would be used for the biogas processing Plant and the farm roads, public roads, and agricultural fields used for proposed Pipeline alignments.

Existing Conditions

Water used at the agricultural land on which the proposed biogas processing Plant would be located is currently provided by groundwater from onsite irrigation wells. The proposed Pipeline alignments are located along existing farm roads and public roadways and there are no existing developed community water, wastewater, or stormwater utilities servicing these sites.

Modesto/Winton Disposal in Atwater provides solid waste collection, recycling, transportation, and disposal services to Hilmar and the Project site. Hilmar is served by the Highway 59 Disposal Site in Merced. According to the California Department of Resources Recycling and Recovery (CalRecycle), the Highway 59 Disposal Site is permitted to accept up to 1,500 tons per day and has a total permitted capacity of over 30 million cy and an estimated remaining capacity of 93.4 percent (CalRecycle 2019).

Regulatory Setting

The following regulations applicable to utilities and service systems are described in the Merced County 2030 General Plan EIR (Merced County 2013):

- State Water Resources Control Board
- California Department of Public Health
- California Department of Water Resources
- CalRecycle (formerly Integrated Waste Management Board)
- Merced County Division of Environmental Health
- Merced County Public Works Department
- 2000 Merced County General Plan

Regional and Local

Merced County 2030 General Plan

Merced County approved the 2030 General Plan in December 2013. The plan is the overarching policy document that guides land use, housing, transportation, infrastructure, community design, and other policy decisions, including decisions regarding public facilities, services, and utilities. Merced County 2030 General Plan policies PFS-5.1 (Adequate Utility Facilities and Services), PFS-5.3 (New Transmission and Distribution Lines), PFS-5.5 (Contingency Plans), and PFS-5.7 (Utility System Expansion) apply to the proposed Project.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact related to relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects.

The proposed biogas processing Plant would not involve the construction of any new septic system and would not connect to the existing wastewater utilities present on the HCC property. Wastewater produced during Plant processing and operations would be collected and disposed offsite at an appropriate remediation facility. In addition, because the proposed biogas processing Plant would require no consistent manpower for operations, there would be no need for municipal (e.g., water/sewer) services. A stormwater retention basin would be constructed at the biogas processing Plant for the collection of rainfall runoff. Therefore, the proposed Project would generate minimal water demand and require minimal wastewater capacity and no need for water supply and wastewater infrastructure hook-up. It would not require the construction of new water or wastewater treatment facilities.

The Project Pipeline would transport biogas to the proposed biogas processing Plant from seven dairy digesters in the surrounding area. The upgraded RCNG would be piped to an interconnection point with a PG&E gas transmission pipeline at the proposed biogas processing Plant. The connection of the upgraded biomethane at the interconnection point to the PG&E gas transmission

pipeline would not disrupt existing natural gas operations of the PG&E transmission pipeline during construction.

The proposed biogas processing Plant would require upgraded or new electrical service to power the equipment, which would be provided by PG&E. New electrical lines and a transformer would be installed by Turlock Irrigation District. Energy needs at the Plant are discussed in Section 3.6, *Energy*.

Based on the information above, implementation of the proposed biogas processing Plant and Pipeline would not result in the relocation or construction of new or expanded water, drainage, natural gas, or telecommunication facilities. Impacts related to the expansion of stormwater and electrical facilities would be **less than significant**.

b) The Project would have a less-than-significant impact on water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years.

The proposed biogas processing Plant would have up to five people onsite at any given time during working hours. Plant operations would not require connections to existing municipal (e.g., water/sewer) services; however, water would occasionally be trucked in for equipment washing at the Plant. Water used for equipment washing would flow into the proposed onsite stormwater retention basin. The minimal additional water required for the infrequent washing of equipment at the proposed biogas processing Plant would be sourced from offsite and would not require the development of new onsite water facilities. This would be a **less-than-significant** impact, and no mitigation measures would be required.

c) The Project would have a less-than-significant impact on wastewater treatment capacity and the wastewater treatment provider would have adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments.

The proposed biogas processing Plant would have up to five people onsite at any given time during working hours, generating minimal wastewater from biogas processing activities. Wastewater produced during Plant processing would result from condensate that drops out of the gas during the gas dehydration process; this condensate would be captured in a storage tank onsite and disposed of properly offsite, as needed. In addition, water used in equipment washing at the Plant would be trucked into the study area and collected onsite in the proposed stormwater basin. Therefore, the proposed Project would generate no wastewater during Plant processing that would need treatment in a wastewater treatment facility. This would be a **less-than-significant** impact, and no mitigation measures would be required.

d) The Project would have a less-than-significant impact regarding solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals.

Solid waste produced by the biogas processing Plant would be minimal. It would include H_2S media and spent carbon media from Plant processing activities. The Plant would produce approximately 140 cubic feet per year of solid waste. This waste would be infrequently transported offsite and disposed of at an appropriate facility with capacity to accept the solid waste. The proposed Project would not generate solid waste in excess of state or local standards or in excess of the capacity of local infrastructure or otherwise impair attainment of solid waste reduction goals. It would be consistent with Merced 2030 General Plan ordinance PFS-4.5(Solid Waste Service Availability) and

PFS-4.6 (Solid Waste Reduction) and Merced Zoning Ordinance Title 18.32 and 18.44. This would be a **less-than-significant** impact, and no mitigation would be required.

e) The Project would have a less-than-significant impact regarding federal, state, and local management and reduction statutes and regulations related to solid waste.

As described in Impact 3.19d, above, solid waste produced by the biogas processing Plant would be minimal. It would include H_2S media and spent carbon media from Plant processing activities. The Plant would produce approximately 140 cubic feet per year of solid waste. This waste would be infrequently transported offsite and disposed of at an appropriate facility with capacity to accept the solid waste. Therefore, the Project would be in compliance with federal, state, and local management and reduction statutes and regulations related to solid waste. This would be a **less-than-significant** impact, and no mitigation would be required.

3.20 Wildfire

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
Would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☒	☐	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

Environmental Setting

This section describes impacts related to wildfire that could result from construction and operation of the proposed Project. The study area for this resource is generally defined as the portion of the HCC property that would be used for the biogas processing Plant and the farm roads and public roads used for proposed Pipeline alignments. Information in this section is based on the California Fire and Resource Management Program and Merced County Fire Hazard Severity Zone Planning.

Existing Conditions

The proposed Project would be located in a low-density agricultural area just north of unincorporated Hilmar. According to California Department of Forestry and Fire Protection (CAL FIRE), the Project area is within the Local Responsibility Area (LRA) of Merced County. The proposed biogas processing Plant and associated pipelines would be located within an unzoned portion of the LRA. According to the Office of the State Fire Marshal, LRA county maps display all areas that are subject to very high, high, and moderate wildfire hazards; areas with low to moderate wildfire hazards are classified as Unzoned (Office of the State Fire Marshal 2021). Therefore, wildfire hazards in the Unzoned portion of the LRA within the Project study area are determined to be unlikely (CAL FIRE 2008).

Regulatory Setting

Federal

Federal Wildland Fire Management Policy

The 1995 Federal Wildland Fire Management Report produced the first comprehensive federal fire policy for the Departments of the Interior and Agriculture. That review was stimulated by not only the 1994 fire season, with its 34 fatalities, but also growing recognition of fire problems caused by fuel accumulation. The resulting 1995 Federal Wildland Fire Management Policy recognized, for the first time, the essential role of fire in maintaining natural systems.

In the aftermath of the uncontrolled spread of the prescribed Cerro Grande fire in May 2000, the Secretaries of Interior and Agriculture requested a review of the 1995 Federal Wildland Fire Management Policy and its implementation. The subsequent 2001 Federal Wildland Fire Management Policy and its implementation are founded on the following guiding principles:

1. The safety of firefighters and the public will be the first priority in every fire management activity.
2. The role of wildland fire, as an essential ecological process and natural change agent, will be incorporated into the planning process.
3. Fire management plans, programs, and activities will support land and resource management plans and their implementation.
4. Sound risk management will be the foundation for all fire management activities.
5. Fire management programs and activities will be economically viable, based on the values to be protected, the costs, and land and resource management objectives.
6. Fire management plans and activities will be based on the best available science.
7. Fire management plans and activities will incorporate public health and environmental quality considerations.
8. Federal, state, tribal, local, interagency, and international coordination and cooperation will be essential.
9. Standardization of policies and procedures among federal agencies will be an ongoing objective.

Disaster Mitigation Act of 2000

The Disaster Mitigation Act of 2000 provides the legal basis for the Federal Emergency Management Agency's mitigation planning requirements for state, local, and tribal governments as a precursor to mitigation grant assistance. The Disaster Mitigation Act of 2000 requires local governments to prepare a Local Hazard Mitigation Plan, which must be reviewed by the State Mitigation Officer, approved by the Federal Emergency Management Agency, and renewed every 5 years. The plan must include a planning process, a risk assessment process, a mitigation strategy, and plan maintenance and updating procedures to identify the natural hazards, risks, and vulnerabilities of the area under the jurisdiction of the government. Natural hazards include earthquakes, tsunamis, tornadoes, hurricanes, floods, and wildfires.

State

2018 Strategic Fire Plan for California

The 2018 Strategic Fire Plan for California (CAL FIRE 2018) is a cooperative effort between CAL FIRE and the Board of Forestry and Fire Protection. The goals that are critical to achieving the 2018 plan's vision revolve around fire prevention, natural resource management, and fire suppression efforts, as broadly construed. Major components are listed below.

- Improving the availability and use of consistent shared information about hazard and risk assessments.
- Promoting the role of local planning processes, including general plans; new development; and existing developments and recognizing individual landowner/homeowner responsibilities;
- Fostering a shared vision among communities and multiple fire protection jurisdictions, including county-based and community-based plans, such as Community Wildfire Protection Plans;
- Increasing awareness and actions to improve the fire resistance of at-risk man-made assets and the fire resilience of wildland environments through natural resource management;
- Integrating implementation of fire and vegetative fuels management practices consistent with the priorities of landowners or managers;
- Determining and seeking the needed level of resources for fire prevention, natural resource management, fire suppression, and related services; and
- Implementing needed assessments and actions for post-fire protection and recovery.

Fire Hazard Severity Zones: California Public Resources Code Sections 4201–4204

In 1965, California Public Resources Code Sections 4201–4204 and Government Code Sections 51175–51189 directed CAL FIRE to map areas of significant fire hazard, based on the fuels, terrain, weather, and other relevant factors. These zones, referred to as Fire Hazard Severity Zones, define the application of various mitigation strategies to reduce the risk associated with wildland fires.

Senate Bill 1241

In 2012, Senate Bill 1241 added Section 66474.02 to Title 7, Division 2, of the California Government Code, commonly known as the Subdivision Map Act. The statute prohibits subdivision of parcels that are designated as Very High Fire Hazard Severity Zones or located in a State Responsibility Area (SRA) unless certain findings are made prior to approval of the tentative map. The statute requires a city or county planning commission to make three new findings regarding fire hazard safety before approving a subdivision proposal: (1) the design and location of the subdivision and its lots must be consistent with defensible space regulations found in Public Resources Code Sections 4290–4291, (2) structural fire protection services must be available for the subdivision through a publicly funded entity, and (3) ingress and egress road standards for fire equipment must be met according to the applicable local ordinance and Public Resources Code Section 4290.

California Building Code and Fire Code

The California Code of Regulations, Title 24, is a compilation of building standards, including fire safety standards for residential and commercial buildings. The California Building Code standards serve as the basis for the design and construction of buildings in California; the California Fire Code is a component of the California Building Code. Typical fire safety requirements of the California Fire Code include the installation of sprinklers in all high-rise buildings; the establishment of fire resistance standards for fire doors, building materials, and particular types of construction; and the clearance of debris and vegetation within a prescribed distance from occupied structures in wildfire hazard areas. The California Fire Code applies to all occupancies in California, except where more stringent standards have been adopted by local agencies.

State Fire Safe Regulations

The State Fire Safe Regulations section of Title 14 are being revised by the Board of Forestry and Fire Protection. The revisions concern basic wildfire protection standards for development in Very High Fire Hazard Severity Zones of both the SRA and the LRA beginning July 1, 2021. Specifically, the revisions mandate stricter fire-safe building improvements and standards, including, but not limited to, prohibitions on future developments that would be serviced by roads that do not meet current standards, such as dead-end roads. Along with bridge improvements, the road modifications needed to meet the new standards would include resurfacing, widening, and leveling or grading curves, all of which must meet the standard between the property line and the nearest fire station (Rural County Representatives of California 2020). Stakeholder meetings are still taking place; updates will not be finalized until later in 2021. The final changes are anticipated to be effective July 1, 2021.

California's Wildfire and Forest Resilience Action Plan

The California Forest Management Task Force was created in 2018 to introduce a more holistic approach to forest management. California's Wildfire and Forest Resilience Action Plan, a comprehensive strategy of the Governor's Forest Management Task Force, was released in January 2021 in response to the 2020 fire season, which broke numerous state records (e.g., the number of large fires burning simultaneously). The plan is intended to accelerate efforts to "restore the health and resilience of California forests, grasslands and natural places; improve the fire safety of our communities; and sustain the economic vitality of rural forested areas" (California Forest Management Task Force 2021). The following goals are included:

- Goal 1: Increase the pace and scale of forest health projects,
- Goal 2: Strengthen the protection of communities,
- Goal 3: Manage forests to achieve the state's economic and environmental goals, and
- Goal 4: Drive innovation and measure progress.

Regional and Local

Merced County General Plan

The Health and Safety Element of the 2030 Merced County General Plan, adopted in 2013, contains the following goals and policies that are applicable to the Project (Merced County 2013):

- Goal HS-3: Minimize the exposure of county residents and public and private property to the effects of urban and wildland fires.

- Policy HS-3.4: Smoke Detectors. Encourage the installation and maintenance of smoke detectors in residences and commercial facilities that were constructed prior to the requirement for their installation.
- Policy HS-3.5: Vegetation Clear Zones. Encourage and maintain vegetation "clear zones" around new and existing residential structures in areas designated as having a high or extreme fire hazard and assist property owners in identifying how the clear zones should be maintained.
- Policy HS-3.6: Weed Abatement. Encourage weed abatement programs throughout the county in order to promote fire safety.
- Policy HS-3.7: Road Fire Buffers. Encourage fire buffers along heavily traveled roads within high and extreme hazard zones by thinning, disking, or controlled burning. Plan parks, golf courses, utility corridors, roads, and open space areas so they can serve a secondary function as fuel breaks.
- Policy HS-3.9: Building Permit Review. Require all buildings and structures to be constructed to fire safety standards prescribed in the California Building Code and the Merced County Fire Prevention Ordinance. Where the minimum fire-flow water pressure is not available to satisfy fire department standards, alternate fire protection measures shall be identified and incorporated into the development.
- Policy HS-3.10: Emergency Equipment Access. Require safe all-weather access for fire and other emergency equipment as part of the subdivision and building permit application review process.
- Policy HS-3.12: Fire-Resistant Vegetation. Require that development in high fire hazard areas have fire-resistant vegetation; cleared fire breaks, separating communities or clusters of structures from native vegetation; or a long-term comprehensive vegetation and fuel management program.
- Policy HS-3.13: Uniform Fire Code. Require the Uniform Fire Code to be used as a guide for project-level fire prevention and suppression activities, including site access, water supply, fire protection systems, and the use of fire-resistant building materials.

Discussion of Potential Impacts

a) The Project would have a less-than-significant impact with mitigation measures on adopted emergency response plans or emergency evacuation plans.

The Project would construct the biogas processing Plant on HCC property, northwest of the intersection of August Avenue and Lander Avenue in Hilmar, CA, and construct the associated biogas Pipeline along existing farm road and public roadway alignments.

Construction of the proposed biogas processing Plant on the private HCC property would introduce additional vehicles and truck traffic along local roadways within the study area. In addition, operation of the proposed biogas processing Plant would also increase vehicular traffic along local roadways within the study area with the addition of workers' vehicle trips. Although construction and operation of the Project would marginally increase the number of vehicles along local roadways, the Project is not anticipated to increase congestion within the Project study area, as discussed in detail in Section 3.17, *Transportation.* The Project would have a less-than-significant effect on adopted emergency response plans or emergency evacuation plans. In addition, with

implementation of Mitigation Measure TR-1, implementation of the Project would not be expected to hinder response times in the Project study area or vicinity.

The proposed Pipeline alignments would be constructed along existing public roadways and private farm roads, which may lead to temporary delays for emergency responders in the study area and Project vicinity, as discussed in detail in Section 3.17. Although the Project would maintain access along all roadways during Pipeline construction, temporary lane closures and detours may be required along specific roadways. Therefore, Mitigation Measure TR-1 would be required to ensure that emergency access is maintained in the study area. With implementation of Mitigation Measure TR-1, operation and construction of the proposed Pipeline would result in **less-than-significant** impacts with mitigation on emergency response plans or emergency evacuation plans in the Project vicinity.

b) The Project would have a less-than-significant impact related to wildfire risks that would expose Project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire.

The Project site in not located in or near SRAs or lands that have been classified as Very High Fire Hazard Severity Zones (CAL FIRE 2007). The Project is located in an existing low-density agricultural area, and the threat of wildland fire has been determined to be unlikely to moderate (CAL FIRE 2008). Although operations associated with the proposed biogas processing Plant and Pipeline are anticipated to have minimal potential to affect wildfire risks through adherence to the California Building Standards Code and Merced County General Plan, construction of the proposed Project would temporarily increase the wildfire risk in the Project vicinity by introducing construction equipment and personnel along existing rights-of-way and private roadways. The introduction of construction personnel and equipment in shoulder areas along public and private roadways would increase the potential for unintentional ignition of roadside vegetation. Because the increased wildfire risk would be temporary and the proposed Project would not be located in or near a SRA or on lands classified as Very High Fire Hazard Severity Zones in a LRA, the Project would have a **less-than-significant** impact, and no mitigation would be required.

c) The Project would have a less-than-significant impact regarding the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment.

The Project site is not located in or near SRAs or lands that have been classified as Very High Fire Hazard Severity Zones (CAL FIRE 2007). The Project is in an area with low to moderate wildfire hazards (CAL FIRE 2008). Although operations associated with the proposed biogas processing Plant and Pipeline are anticipated to have minimal potential to result in a wildfire risk through adherence to the California Building Standards Code, construction of the proposed Project would temporarily increase wildfire risks in the Project vicinity. The installation of infrastructure associated with the Project, including pipelines, power lines, and electrical equipment for the Plant, could increase the potential for wildfire risk by introducing construction equipment and personal to vegetated private and public roadway shoulders in the study area. Because the increased wildfire risk would be temporary and the proposed Project would not be located in or near a SRA or on lands classified as Very High Fire Hazard Severity Zones, the Project would have a **less-than-significant** impact, and no mitigation would be required.

d) The Project would have no impact regarding the exposure of people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.

The Project is located along the relatively flat topography of the California Central Valley and would not propose uses that would expose people or structures to significant risks as a result of runoff, post-fire slope instability, or drainage changes. The proposed Project would have **no impact**.

Mitigation Measures

Mitigation Measure TR-1: Emergency Access Measures

3.21 Mandatory Findings of Significance

	Potentially Significant Impact	Less-than-Significant Impact with Mitigation	Less-than-Significant Impact	No Impact
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Discussion

a) The Project does not have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory with the incorporation of mitigation measures.

Less-than-Significant Impact with Mitigation Incorporated. As discussed throughout this document, the proposed Project would not substantially degrade the quality of the environment. As described under Section 3.04, the proposed Project includes mitigation measures to reduce potential impacts to special-status animal species. Implementation of Mitigation Measures BIO-1 and BIO-2 would reduce potential impacts to special-status animal species (i.e., migratory birds and raptors) and Swainson's Hawk foraging habitat to a **less-than-significant level with mitigation**. Implementation of Mitigation Measures CR-1 and CR-2 would reduce potential impacts to archaeological resources and human remains that may be uncovered during construction to **less than significant with mitigation**.

b) The Project does not have impacts that are individually limited, but cumulatively considerable with the incorporation of mitigation measures.

Other Development Considered

The analysis of cumulative impacts was completed based on the 2030 Merced County General Plan (Merced County 2013a), the Merced County Housing Element Update (Merced County 2016), and the Hilmar Community Plan (Merced County 2008) projections due to their proximity to the

proposed Project site. The Merced County General Plan outlines the County's goals concerning land use. The cumulative impacts discussed below are evaluated in conjunction with growth based on the adopted General Plan, which projects a population growth rate of 2.2% between 2005 and 2030, resulting in a 2030 projected population of 417,000 (Merced County 2013b:2-12). According to the Hilmar Community Plan, over the past two decades, Hilmar has roughly doubled in size and population every 10 years (Merced County 2008). The Hilmar Community Plan included five population projections for the year 2025, which ranged from 5,445 people to 20,631 people. According to the U.S. Census Bureau, the population of the Hilmar-Irwin Census-designated place grew from a population of 5,197 people in 2010 to 5,755 people in 2019, a growth rate of approximately 10.7 percent (U.S. Census Bureau 2021a; U.S. Census Bureau 2021b). To avoid excessive expansion into productive farmland, the Hilmar Community Plan provides development opportunities within the central core of Hilmar and steers development toward physical barriers and away from dairies and larger parcels with productive agricultural uses, including the Project site.

Evaluation of Cumulative Impacts

The proposed Project would result in direct impacts on aesthetics, biological resources, cultural resources, hazards and hazardous materials, noise, transportation, and tribal cultural resources; however, all of the direct impacts would be mitigated to a level below significance with incorporation of the mitigation measures described throughout this document. While the proposed Project would result in less-than-significant impacts with mitigation, cumulative impacts could occur if the Project would make a cumulatively considerable contribution to impacts on a resource. The Project could result in a cumulatively considerable contribution to a cumulative impact with respect to each of the following resource topics if (1) past, present, and reasonably foreseeable future growth, as described in the 2030 Merced County General Plan and the Hilmar Community Plan, would result in a cumulative impact and (2) the incremental effects of the Project would be significant when viewed in combination with the effects of the identified cumulative projects.

The cumulative analysis uses the same geographic context definitions for analysis as the 2030 General Plan Program EIR (Merced County 2012). For most resources, the geographic context encompasses Merced County, incorporated cities within Merced County, and adjacent counties including their incorporated cities. Some resources discussed below specify other geographic contexts.

Aesthetics. The 2030 Merced County General Plan Program EIR (Merced County 2012) found that past, planned, and future growth in the geographic context could degrade the existing visual character and quality of scenic resources and that light pollution could be an issue of increasing concern. Therefore, a cumulative impact on visual resources exists in the geographic context. However, the Program EIR found that implementation of the 2030 Merced County General Plan would not result in a cumulatively considerable contribution to the existing cumulative impact.

The proposed Project would introduce temporary changes to scenic character during construction as a result of moving equipment and installing the Pipeline and Plant. However, the heavy equipment used to construct the Pipeline and Plant would be in character with equipment used in the vicinity to conduct agricultural activities. In addition, the proposed Project would introduce permanent changes during the operations period as a result of new Plant features. However, similar to the construction period, these features would appear similar to facilities in the Project area and would not degrade existing visual character or quality of public views. The Pipeline would not be visible during the operations period.

The proposed Project would use security lighting during construction. Implementation of Mitigation Measure AES-1 would ensure that fugitive light would be minimized. In addition, the proposed Project would use security lighting during the operations period. Compliance with County standards would ensure that the light does not extend onto surrounding properties.

Because changes in the scenic character and public views would be consistent with views typical of the surrounding agricultural uses and because lighting would adhere to County standards and the requirements specified in Mitigation Measure AES-1, the contribution of the proposed Project to the existing cumulative impact on visual resources would not be cumulatively considerable.

Agricultural resources. The 2030 Merced County General Plan Program EIR (Merced County 2012) found that a cumulative impact on agricultural resources, that is, on Important Farmland and land under local agricultural zoning and Williamson Act contract, exists in the geographic context. In addition, the Program EIR found that implementation of the 2030 Merced County General Plan would result in a cumulatively considerable contribution to the existing cumulative impact.

The proposed Project would construct the Pipeline on land designated as Farmland of Statewide Importance and Unique Farmland, land zoned by the County for agricultural use, and land in Williamson Act contract. However, placement of the Pipeline would not result in permanent conversion of Important Farmland to nonagricultural uses because any Pipeline installed across fields in active agricultural production could return to agricultural productivity after the construction period. Further, placement of the Pipeline underground in agricultural fields would not affect Williamson Act existing contracts or zoning. Therefore, the contribution of the proposed Project to the existing cumulative impact on agricultural resources would not be cumulatively considerable.

Air Quality. The geographic context for cumulative analysis of air quality as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is the San Joaquin Valley Air Basin. The Program EIR found that a cumulative impact on air quality exists in the geographic context. In addition, the Program EIR found that future growth would result in a cumulatively considerable contribution to the cumulative impact.

The proposed Project would not conflict with any applicable land use plan or policy, would be consistent with recent growth projections for the region, and would not exceed SJVAPCD's significance thresholds. Based on modeling (see Tables 3.3-3 and 3.3-4), both Project construction and operation would be below SJVAPCD's adopted screening threshold for criteria pollutants.

Project construction would not increase risk of exposure of sensitive receptors to criteria pollutants (including localized CO hot spots), asbestos, diesel particulate matter (DPM), and localized $PM_{2.5}$. As discussed above, Project construction would not exceed thresholds for criteria pollutants. Construction of the Project would be required to comply with SJVAPCD Regulation VIII to implement a Dust Control Plan. Compliance with SJVAPCD Regulation VIII/Dust Control Plan would reduce the risk of contracting Valley Fever. The Project site is not within an area known to have naturally occurring asbestos. Project construction would not increase cancer risk or exceed the SJVAPCD significance threshold for non-cancer hazards.

Project operation would not increase diesel particulate matter or carbon monoxide. There would be no new stationary combustion equipment present at the new Plant. With respect to mobile sources of diesel particulate matter, the forklift and crane that would be used twice a year may be diesel, but they would be used only a short period of time and infrequently. The Project would not have any other DPM emitting sources. During Project operation, because of the existing low levels of local

traffic in the vicinity, and because minimal new trips would be generated by the proposed Project modification, congestion on nearby roadways would not increase, and therefore the Project would not generate CO hotspots.

Project construction may temporarily increase odors. Such odors may be a temporary source of nuisance to the nearest sensitive receptor, approximately 110 feet away, but would not affect a substantial number of people. Further, California regulations limits the idling of a vehicle's primary diesel engine to 5 minutes at any location. Compliance with this CCR would help reduce detectable exhaust odors. During Project operation, although the Plant would concentrate potential odor sources from the production of RCNG to a single area, the Plant would process these gases in a closed system which would remove any potential odor.

Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Biological resources. The geographic context for cumulative analysis of biological resources as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is the San Joaquin Valley and the cities and counties adjacent to Merced County for those portions of adjacent counties on the valley floor and lower foothills. The Program EIR found that a cumulative impact on biological resources exists in the geographic context. In addition, the Program EIR found that future growth in the geographic context would result in a cumulative impact on biological resources.

The proposed Project would construct the Plant and Pipeline on land used by Swainson's hawk and other raptors and birds protected by the Migratory Bird Treaty Act. Mitigation Measure BIO-1 would require preconstruction nesting bird surveys and avoidance of tree-, shrub-, and ground-nesting migratory birds and raptors, including Swainson's hawk. However, the cumulative loss of foraging habitat for Swainson's hawk (a state threatened species) as a result of other development projects throughout Merced County could be considered cumulatively considerable and may result in a reduction in the reproductive potential of Swainson's hawks in Merced County. Compensation to offset the cumulative loss of foraging habitat resulting from proposed Project activities is provided through the implementation of Mitigation Measure BIO-2. With implementation of Mitigation Measure BIO-2, there would be no net loss of Swainson's hawk habitat.

The cumulative loss of foraging habitat for Swainson's hawk would constitute a cumulatively considerable impact on Swainson's hawk, but the impact would be reduced to a less than cumulatively considerable with the implementation of Mitigation Measure BIO-2.

> **Mitigation Measure BIO-2:** Compensate for the loss of 3 acres of Swainson's hawk foraging habitat.
>
> The Project proponent will compensate for the permanent removal of suitable foraging habitat for Swainson's hawks by acquiring offsite habitat management lands as described in CDFW's Staff Report Regarding Mitigation for Impacts to Swainson's Hawks in the Central Valley of California (CDFW Staff Report) (California Department of Fish and Game 1994). Consistent with the CDFW Staff Report, permanent loss of foraging habitat will be mitigated at a 1:1 ratio (1 acre preserved for every 1 acre affected) based on the proximity of the closest known nest located 0.2 miles from the study area (CNDDB occurrence #2502: June 2012). In lieu of acquiring offsite mitigation lands, the Project proponent may purchase mitigation credits for Swainson's hawk foraging habitat from a suitable mitigation or conservation bank that sell upland habitat credits with equal or similar habitat function to lands that are permanently affected by the proposed Project.

The final mitigation approach for Swainson's hawk foraging habitat will be presented to the County by the Project proponent for review and approval to ensure consistency with the CDFW Staff Report. If offsite mitigation lands are the preferred approach, the Project proponent will provide the County with a habitat evaluation prepared by a qualified biologist familiar with the foraging requirements of the Swainson's hawk and using the most recent scientific research. The Project proponent will prepare a mitigation plan that identifies the land uses and crop type proposed for the mitigation lands that are consistent with the needs of Swainson's hawk and any management and reporting actions proposed.

Prior to starting construction of the Project, the Project proponent will either provide a purchase agreement for the appropriate mitigation credits to the County or will acquire and protect mitigation lands deemed adequate by the County.

Cultural resources. The geographic context for cumulative analysis of cultural resources as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) as unincorporated Merced County because impacts to cultural resources are isolated incidents that are project-specific and generally do not contribute to a cumulative condition. The Program EIR found that future growth in the geographic context would not result in a cumulative impact on cultural resources. Because no cumulative impact in the geographic context exists, the contribution of the proposed Project to an existing cumulative impact would not be cumulatively considerable.

Energy. Cumulative impacts related to energy were not analyzed in the 2030 Merced County General Plan Program EIR (Merced County 2012).

The geographic context for cumulative analysis of energy is Turlock Irrigation District, as they are the electrical provider for the Project. A cumulative impact exists in the geographic context as demand for energy sources increases as a result of development and infrastructure projects.

Although Project construction would not use electricity, energy in the form of mobile gasoline or diesel fuel would be consumed. However, the amount of diesel or gasoline that would be consumed would represent both a small and temporary increase in energy demand. Project operation would increase electricity demand; however, the Project would generate RCNG which would ultimately be used as an energy source. Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Geology and soils. The geographic context for cumulative analysis of geology and soils as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is Merced County because geologic conditions are highly localized. The Program EIR found that a less-than-significant cumulative impact exists in the County with respect to geology and soils. In addition, the Program EIR found that future growth in the geologic context would not result in a cumulatively considerable contribution to the less-than-significant cumulative impact.

The proposed Project would construct the Plant and Pipeline in an area subject to a range of geologic and soils hazards, including strong seismic ground shaking, seismic-related ground failure, erosion, location on unstable geologic units or soils, and location on expansive soils. Any seismic ground shaking, seismic-related ground failure, location on unstable geologic units or soils, and location on expansive soils could result in damage to the Plant or Pipeline, potentially releasing flammable gas to the environment. However, Project design incorporates the use of a SCADA system, which would shut off gas flow in case of a change in air pressure in the system, stopping the flow of gas. Project construction could also result in erosion or loss of topsoil. However, standard best management practices (BMPs) would reduce risk of erosion from water, and application of water or

dust suppressants would reduce risk of erosion from wind. The Project would not result in substantial loss of valuable topsoil because the Plant would not be constructed on topsoil valuable for agricultural use. The Pipeline, in contrast, would be constructed both within roadway rights-of-way and across agricultural fields. Any loss of topsoil in the fields would represent a small fraction of available high-quality agricultural topsoil in the geographic context. Therefore, the contribution of the Project to the existing cumulative impact related to geology and soils would not be cumulatively considerable.

Paleontological resources were analyzed in the Program EIR under Cultural Resources. The Program EIR found that future growth in the geographic context would not result in a cumulative impact on cultural resources. Because no cumulative impact in the geographic context exists, the proposed Project would not make a cumulatively considerable contribution to an existing cumulative impact on paleontological resources.

Greenhouse gas emissions. The geographic context for cumulative analysis of greenhouse gas emissions as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is global. The Program EIR stated that a cumulative impact exists with respect to global climate change. In addition, the Program EIR stated that future development enabled by the 2030 Merced County general plan would make a cumulatively considerable impact on the existing cumulative impact.

The proposed Project would result in emissions of approximately 445 metric tons of CO_2e. Because SJVAPCD's CEQA Guidelines do not identify a GHG emission threshold for construction-related emissions, GHG emissions during construction have been amortized over the length of the Project's lifespan and added to the Project's operational emissions.

Project operation would generate greenhouse gas through use of off-road equipment, on-road vehicles, energy (i.e., electrical) use, and carbon media disposal. However, the Project would convert biogas to RCNG. The proposed Project would result in a net reduction of energy use through its production of RCNG. Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Hazards and hazardous materials. The geographic context for cumulative analysis of hazards and hazardous materials as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is Merced County. The Program EIR stated that hazardous materials and other public health and safety issues are generally site-specific. The Program EIR also stated that future development enabled by the 2030 Merced County general plan would make a less than cumulatively considerable impact on the existing cumulative impact.

The proposed Project would construct the Plant and Pipeline in an area where contamination has been identified by GeoTracker. However, the contamination is not dangerous (i.e., the groundwater is contaminated with salt from the adjacent HCC facility), and the Project would implement Mitigation Measure HAZ-1, Hazardous Material Safety Protocol. In addition, Project construction could interfere with emergency access as a result of temporary lane closures or detours. Implementation of Mitigation Measure TR-1 would enact measures to ensure continued through access of emergency vehicles. Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Hydrology and water quality. The geographic context for cumulative analysis of hydrology and water quality as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is the San Joaquin River Watershed. The Program EIR found that a cumulative impact exists in

the geographic context with respect to water quality, groundwater recharge, and flood risk. The Program EIR found that future growth enabled by the 2030 Merced County general plan in the geographic context would result in a cumulatively considerable contribution to the cumulative impact.

Project features and adherence to permit and regulatory requirements would sure that the Project would not result in significant construction or operation impacts on water quality. Project construction would require implementation of a SWPPP, just as other projects at least 1 acre in size in the geographic context would require a SWPPP. Project operation would produce a byproduct oil/water mixture that would be captured into a storage tank onsite and stored in a marked tank and disposed of properly offsite, as needed, in accordance with state, local, and federal regulations. Although the Project would increase impervious surface, runoff would be captured in a stormwater retention basin.

Project construction may require dewatering if excavation encounters groundwater. However, the amount of dewatering would be small and the dewatering activity would be temporary. Further, Project operation would not increase demand for groundwater supplies, and although the Project would increase impervious surface, any runoff captured in the onsite stormwater retention basin would percolate back to groundwater.

Project construction could result in temporary stormwater drainage patterns. However, the Project would implement BMPs, as required in the SWPPP, to minimize the potential for erosion or siltation in nearby storm drains and temporary changes in drainage patterns during construction. Pipeline construction would make use of horizontal directional drilling so that any waterbodies that the Pipeline would span would not be altered.

The Project is not located within an area that would be exposed to a 100-year flood. Implementation of the Project at this location would not impede or redirect flood flows since it would not be located within a floodway. Further, the Pipeline connecting the dairy digesters to the Plant would be underground, minimizing the potential to impede or redirect flood flows.

While the Project may be subject to inundation of the New Exchequer Dam, the Project would comply with the requirements of local water quality programs and associated municipal stormwater-related NPDES permits as well as County General Plan policies to manage flood risk and water quality.

The Project would not conflict with implementation of a water quality control plan or a sustainable groundwater management plan. Construction and operation would comply with the appropriate water quality objectives for the region, including MS4 and NPDES requirements regarding runoff. Implementation of the proposed stormwater retention basin would also reduce stormwater runoff flows and associated pollutants. Further, the Project would not increase demands for groundwater.

Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Land use. The geographic context for cumulative analysis of land use as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is Merced County. The Program EIR stated that a cumulative impact related to land use exists in the geographic context. The Program EIR also found that, because the 2030 Merced County General Plan was designed specifically to achieve and promote consistency with planning documents of neighboring cities and counties, future growth enabled by the 2030 Merced County General Plan would make a less than cumulatively considerable impact on the existing cumulative impact.

The proposed Project would construct the Plant and Pipeline in areas zoned for agricultural use (A-1, General Agricultural) in Merced County. Merced Zoning Code Section 18.02.020 allows for energy generation facilities within the General Agricultural zoning district, subject to a Conditional Use Permit. The proposed Project entails a new Conditional Use Permit for its energy generation facilities. Upon approval of the Conditional Use Permit, the Project would be consistent with County zoning code. Therefore, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Noise. The 2030 Merced County General Plan Program EIR (Merced County 2012) found that a cumulative impact related to noise exists in the geographic context. In addition, the Program EIR found that implementation of the 2030 Merced County General Plan would result in a cumulatively considerable contribution to the existing cumulative impact.

The proposed Project would result in a noticeable increase in noise and vibration as a result of both Project construction through use of construction equipment and Project operation through use of compressors, chillers, blowers, and pumps at the Plant. Implementation of Mitigation Measure NOISE-1 would reduce construction noise, and Mitigation Measure NOISE-2 would reduce operational noise such that it does not exceed 65 dBA Ldn at the property line. Mitigation Measure NOISE-3 would reduce Project vibration by requiring heavy vibration-producing equipment at least 40 feet away from structures during construction of the Pipeline. The Project would result in a small amount of additional traffic during construction and operation, as discussed in the noise chapter, but the increase would not result in a cumulatively significant increase in noise levels when considered in combination with development and growth within Hilmar according to the General Plan. Based on these factors, the contribution of the Project to the cumulative impact would not be cumulatively considerable.

Population and Housing. The 2030 Merced County General Plan Program EIR (Merced County 2012) found that a cumulative impact related to population and housing exists in the geographic context. In addition, the Program EIR found that implementation of the 2030 Merced County General Plan, when viewed with the substantial growth projected to occur in the cities and surrounding counties, would result in a cumulatively considerable contribution to the existing cumulative impact.

The proposed Project would require personnel for both the construction and operations phases. The labor needs of the proposed Project could be accommodated by this existing workforce within Merced County and would not require the importation of workers. Similarly, no additional housing demands are anticipated with the proposed Project. Accordingly, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Public Services. The geographic context for cumulative analysis of public services as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is Merced County. The Program EIR found that a less-than-significant cumulative impact exists in the geographic context on public services. In addition, the Program EIR found that future growth in the geologic context would not result in a cumulatively considerable contribution to the less-than-significant cumulative impact.

The proposed Project would require personnel for both the construction and operations phases, but as discussed under Population and Housing, this personnel would be accommodated by the existing workforce in Merced County and would not result in population growth and increased demand on public services, including fire, police, schools, and other services. Therefore, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Recreation. The geographic context for cumulative analysis of recreation as defined in the 2030 Merced County General Plan Program EIR (Merced County 2012) is Merced County. The Program EIR found that a less-than-significant cumulative impact exists in the geographic context on recreation resources. In addition, the Program EIR found that future growth in the geologic context would not result in a cumulatively considerable contribution to the less-than-significant cumulative impact.

The proposed Project would require personnel for both the construction and operations phases, but as discussed under Population and Housing, this personnel would be accommodated by the existing workforce in Merced County and would not result in population growth and new need for recreation resources. The Project does not include or require new recreation resources. Therefore, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Transportation. The Program EIR found that a cumulative impact exists in the geographic context related to transportation. In addition, the Program EIR found that future growth in the geologic context would result in a cumulatively considerable contribution to the cumulative impact.

The proposed Project would temporarily slow traffic during construction, requiring some traffic controls, but this interruption would be minor. Similarly, the Project would slightly increase traffic as a result of a maximum of 10 round trips per day. The Project would not generate a significant number of vehicle miles traveled over baseline.

Further, the Project would implement temporary traffic controls during construction, but temporary traffic controls would be implemented during construction of the Plant and Pipeline to guide traffic through the construction sites and alleviate any potential traffic hazards or dangerous intersections. In addition, the Project would install a new driveway from the Plant site to a state facility, SR 165 (Landers Avenue). However, this driveway would be subject to all Caltrans design standards, as outlined in the Caltrans Highway Design Manual.

In addition, Project construction could interfere with emergency access as a result of temporary lane closures or detours. Implementation of Mitigation Measure TR-1 would enact measures to ensure continued through access of emergency vehicles. Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Tribal cultural resources. Tribal cultural resources were not analyzed in the 2030 Merced County General Plan Program EIR (Merced County 2012).

The geographic context for cumulative analysis of tribal cultural resources is the area within 0.5 mile of the Project site. The geographic context is considered sensitive for tribal cultural resources. Because no analysis of cultural resources was undertaken for the PEIR, a cumulative impact is assumed to exist in the geographic context. The Project has potential to uncover previously unknown tribal cultural resources and Native American human remains. Implementation of Mitigation Measures CUL-1: Inadvertent Discovery Protocol and CUL-2: Stop Work if Human Remains Are Encountered during Construction Activities would enact measures to ensure that both archaeological resources and human remains are treated appropriately, consistent with California state law. Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Utilities. The Program EIR found that a cumulative impact exists in the geographic context on utilities. In addition, the Program EIR found that future growth in the geographic context would make a cumulatively considerable contribution to the existing cumulative impact.

The proposed Project would require new electrical infrastructure (electric poles, a transformer); disposal of condensate, used machine oil, and spent H_2S carbon media. However, the new electrical infrastructure would have a small footprint, and the waste to be disposed would not require construction of new facilities. Based on these factors, the contribution of the Project to the existing cumulative impact would not be cumulatively considerable.

Wildfire. Wildfire was not analyzed in the 2030 Merced County General Plan Program EIR (Merced County 2012).

The geographic context for cumulative analysis of wildfire encompasses the valley portion of Merced County, and the valley portion of adjacent counties, and incorporated cities in this region. Because this area is not in a Very High Fire Severity Zone as identified by CAL FIRE and planned development would not substantially alter the flammability characteristics of the existing environment or place new development within a Very High Fire Severity Zone, no cumulative impact in the geographic context exists.

With the incorporation of mitigation measures identified above, potential cumulative impacts associated with the proposed Project would be less than significant.

c) The Project does not have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly with the incorporation of mitigation measures.

Less-than-Significant Impact with Mitigation Incorporated. As described in this document, the proposed Project would have potentially significant environmental effects on aesthetics, hazards and hazardous materials, noise, transportation, and tribal cultural resources that could cause substantial adverse effects on human beings, either directly or indirectly. However, implementation of Mitigation Measures AES-1, HAZ-1, NOI-1, NOI-2, NOI-3, TR-1, CUL-1, CUL-2, and CUL-3 would reduce these impacts to a less-than-significant level. No other substantial direct or indirect adverse effects on human beings have been identified. Impacts would be **less than significant after mitigation**.

Chapter 4
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Chapter 5
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Appendix 3.3-A

Air Quality, Greenhouse Gas, and Energy Modeling Files

3.3-A-1: Construction AQ & GHG Emissions

Emissions Summary-Unmitigated

Emissions by Phase	Daily Emissions (lb/day)													
Phase Name	**ROG**	**NO_X**	**CO**	**SO_X**	**PM_{10} Fugitive**	**PM_{10} Exhaust**	**PM_{10} Total**	**$PM_{2.5}$ Fugitive**	**$PM_{2.5}$ Exhaust**	**$PM_{2.5}$ Total**	**CO_2**	**CH_4**	**N_2O**	**CO_2e**
Site Preparation	**0.31**	**3.07**	3.70	**0.01**	**0.50**	0.13	**0.63**	**0.07**	0.12	**0.19**	740.30	0.15	0.06	760.84
Grading/Excavation	**3.12**	**42.43**	24.99	**0.09**	**7.91**	1.35	**9.26**	**0.99**	1.25	**2.24**	9,307.25	1.45	0.96	9,630.47
Trenching	**1.57**	**14.51**	**14.53**	**0.03**	**0.76**	**0.73**	**1.49**	**0.11**	**0.69**	**0.79**	2,930.75	0.58	0.17	2,995.33
Building Construction (GL & Upgrading Facility)	2.05	18.64	**18.47**	0.04	0.85	**0.93**	1.78	0.13	**0.88**	1.00	3,586.37	0.74	0.20	3,663.64
Building Construction (GL & Upgrading Facility)-Concrete Pour	1.20	11.51	**11.75**	0.03	1.72	**0.55**	2.27	0.20	**0.55**	0.75	2,685.21	0.10	0.21	2,751.76
Paving	0.64	5.28	6.11	0.01	0.72	0.23	0.95	0.10	0.21	0.31	1,236.74	0.28	0.09	1,270.68
Installation of Electrical Poles and Transformers	0.23	2.63	2.13	0.01	0.26	0.08	0.34	0.04	0.07	0.10	1,116.48	0.30	0.07	1,145.94
Max Daily Emissions	**5.00**	**60.01**	**44.76**	**0.13**	**9.18**	**2.21**	**11.38**	**1.16**	**2.11**	**3.22**				
SJVAPCD Thresholds	100	100	100	100			100			100				
Exceeds Threshold?	**No**	**No**	**No**	**No**			**No**			**No**				

Emissions by Phase	Emissions per Phase (tons per year)										Total Metric Tons			
Phase Name	**ROG**	**NO_X**	**CO**	**SO_X**	**PM_{10} Fugitive**	**PM_{10} Exhaust**	**PM_{10} Total**	**$PM_{2.5}$ Fugitive**	**$PM_{2.5}$ Exhaust**	**$PM_{2.5}$ Total**	**CO_2**	**CH_4**	**N_2O**	**CO_2e**
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.35
Grading/Excavation	0.01	0.19	0.11	0.00	0.04	0.01	0.04	0.00	0.01	0.01	38.00	0.01	0.00	39.31
Trenching	0.08	0.75	0.76	0.00	0.04	0.04	0.08	0.01	0.04	0.04	138.25	0.03	0.01	141.30
Building Construction (GL & Upgrading Facility)	0.16	1.46	1.45	0.00	0.07	0.07	0.14	0.01	0.07	0.08	255.40	0.05	0.01	260.90
Building Construction (GL & Upgrading Facility)-Concrete Pour	0.00	0.03	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	6.09	0.00	0.00	6.24
Paving	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.00	0.00	1.15
Installation of Electrical Poles and Transformers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.52
Total Annual Emissions	**0.26**	**2.45**	**2.36**	**0.01**	**0.15**	**0.12**	**0.27**	**0.02**	**0.11**	**0.13**	**439.70**	**0.09**	**0.03**	**451.73**
SJVAPCD Thresholds	10	10	100	27			15			15		30-year amortization		15.06
Exceeds Threshold?	**No**	**No**	**No**	**No**			**No**			**No**				

	Emissions per Phase (tons per year)										Total Metric Tons			
Construction Phase-2021	**ROG**	**NO_X**	**CO**	**SO_X**	**PM_{10} Fugitive**	**PM_{10} Exhaust**	**PM_{10} Total**	**$PM_{2.5}$ Fugitive**	**$PM_{2.5}$ Exhaust**	**$PM_{2.5}$ Total**	**CO_2**	**CH_4**	**N_2O**	**CO_2e**
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.35
Grading/Excavation	0.01	0.19	0.11	0.00	0.04	0.01	0.04	0.00	0.01	0.01	38.00	0.01	0.00	39.31
Trenching	0.04	0.38	0.39	0.00	0.02	0.02	0.04	0.00	0.02	0.02	70.46	0.01	0.00	72.01
Building Construction (GL & Upgrading Facility)	0.03	0.25	0.25	0.00	0.01	0.01	0.02	0.00	0.01	0.01	43.92	0.01	0.00	44.87
Building Construction (GL & Upgrading Facility)-Concrete Pour	0.00	0.03	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	6.09	0.00	0.00	6.24
Paving	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.00	0.00	1.15
Total	**0.09**	**0.86**	**0.78**	**0.00**	**0.07**	**0.04**	**0.11**	**0.01**	**0.04**	**0.05**	**160**	**0**	**0**	**166**
Construction Phase-2022														
Trenching	0.04	0.37	0.37	0.00	0.02	0.02	0.04	0.00	0.02	0.02	67.80	0.01	0.00	69.29
Building Construction (GL & Upgrading Facility)	0.13	1.21	1.20	0.00	0.06	0.06	0.12	0.01	0.06	0.07	211.48	0.04	0.01	216.03
Installation of Electrical Poles and Transformers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00	1.25
Total	**0.17**	**1.58**	**1.57**	**0.00**	**0.08**	**0.08**	**0.15**	**0.01**	**0.07**	**0.09**	**280.49**	**0.06**	**0.02**	**286.57**
Project Total	**0.26**	**2.45**	**2.36**	**0.01**	**0.15**	**0.12**	**0.27**	**0.02**	**0.11**	**0.13**	**440**	**0**	**0**	**452**

Offroad Equipment

Phase Name	Start	End	# of Workdays	First Year of CSTN	EF Year	Equipment Type	# of Equipment	hours/day	HP	LF
Site Preparation	11/1/2021	11/1/2021	1	2021	2021	Off-Highway Tractors	1	8	124	0.44
Grading/Excavation	11/1/2021	11/10/2021	9	2021	2021	Graders	1	8	187	0.41
Grading/Excavation	11/1/2021	11/10/2021	9	2021	2021	Pavers	1	8	130	0.42
Grading/Excavation	11/1/2021	11/10/2021	9	2021	2021	Paving Equipment	1	8	132	0.36
Grading/Excavation	11/1/2021	11/10/2021	9	2021	2021	Scrapers	2	8	367	0.48
Trenching	11/1/2021	3/1/2022	104	2021	2021	Bore/Drill Rigs	1	5	221	0.5
Trenching	11/1/2021	3/1/2022	104	2021	2021	Cranes	1	2	231	0.29
Trenching	11/1/2021	3/1/2022	104	2021	2021	Excavators	1	6	158	0.38
Trenching	11/1/2021	3/1/2022	104	2021	2021	Forklifts	1	4	89	0.2
Trenching	11/1/2021	3/1/2022	104	2021	2021	Generator Sets	1	10	84	0.74
Trenching	11/1/2021	3/1/2022	104	2021	2021	Other General Industrial Equipmen	1	2	88	0.34
Trenching	11/1/2021	3/1/2022	104	2021	2021	Pressure Washers	1	8	18	0.3
Trenching	11/1/2021	3/1/2022	104	2021	2021	Tractors/Loaders/Backhoes	1	6	97	0.37
Trenching	11/1/2021	3/1/2022	104	2021	2021	Trenchers	1	4	78	0.5
Trenching	11/1/2021	3/1/2022	104	2021	2021	Welders	1	2	46	0.45
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Air Compressors	1	2	78	0.48
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Bore/Drill Rigs	1	5	221	0.5
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Cement and Mortar Mixers	1	1	9	0.56
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Cranes	1	5	231	0.29
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Excavators	1	6	158	0.38
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Forklifts	1	4	89	0.2
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Generator Sets	1	10	84	0.74
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Other Construction Equipment	1	2	172	0.42
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Other General Industrial Equipmen	1	2	88	0.34
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Tractors/Loaders/Backhoes	1	8	97	0.37
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Trenchers	1	4	78	0.5
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	2021	Welders	1	5	46	0.45
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	2021	2021	Pumps	3	8	84	0.74
Paving	11/13/2021	11/15/2021	2	2021	2021	Pavers	1	8	130	0.42
Paving	11/13/2021	11/15/2021	2	2021	2021	Paving Equipment	1	8	132	0.36
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	2022	2022	Bore/Drill Rigs	1	8	221	0.5

1. Emission factors based on CalEEMod default values.

Offroad Equipment

Phase Name	Emission Factor (g/bhp-hr)[1]												
	ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	0.26	2.66	3.22	0.01	0.00	0.13	0.13	0.00	0.12	0.12	472.92	0.15	0.02
Grading/Excavation	0.34	4.38	1.31	0.01	0.00	0.14	0.14	0.00	0.13	0.13	474.54	0.15	0.02
Grading/Excavation	0.26	2.69	3.02	0.01	0.00	0.13	0.13	0.00	0.12	0.12	472.56	0.15	0.02
Grading/Excavation	0.23	2.32	3.03	0.01	0.00	0.11	0.11	0.00	0.11	0.11	470.65	0.15	0.02
Grading/Excavation	0.30	3.44	2.25	0.01	0.00	0.13	0.13	0.00	0.12	0.12	472.46	0.15	0.02
Trenching	0.13	1.55	1.06	0.01	0.00	0.05	0.05	0.00	0.04	0.04	467.99	0.15	0.02
Trenching	0.35	4.10	1.68	0.01	0.00	0.17	0.17	0.00	0.15	0.15	472.91	0.15	0.02
Trenching	0.22	2.03	3.09	0.01	0.00	0.10	0.10	0.00	0.09	0.09	472.36	0.15	0.02
Trenching	0.41	3.76	3.72	0.01	0.00	0.27	0.27	0.00	0.25	0.25	471.53	0.15	0.02
Trenching	0.33	2.89	3.36	0.01	0.00	0.15	0.15	0.00	0.15	0.15	568.30	0.03	0.03
Trenching	0.40	3.72	3.74	0.01	0.00	0.26	0.26	0.00	0.24	0.24	470.00	0.15	0.02
Trenching	0.71	4.50	2.45	0.01	0.00	0.20	0.20	0.00	0.20	0.20	568.30	0.06	0.03
Trenching	0.30	3.00	3.57	0.01	0.00	0.18	0.18	0.00	0.16	0.16	475.36	0.15	0.02
Trenching	0.56	5.11	3.79	0.01	0.00	0.37	0.37	0.00	0.34	0.34	475.29	0.15	0.02
Trenching	0.83	4.13	4.71	0.01	0.00	0.20	0.20	0.00	0.20	0.20	568.30	0.07	0.03
Building Construction (GL & Upgrading Facility)	0.44	3.08	3.67	0.01	0.00	0.19	0.19	0.00	0.19	0.19	568.30	0.04	0.03
Building Construction (GL & Upgrading Facility)	0.13	1.55	1.06	0.01	0.00	0.05	0.05	0.00	0.04	0.04	467.99	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.66	4.14	3.47	0.01	0.00	0.16	0.16	0.00	0.16	0.16	568.30	0.06	0.03
Building Construction (GL & Upgrading Facility)	0.35	4.10	1.68	0.01	0.00	0.17	0.17	0.00	0.15	0.15	472.91	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.22	2.03	3.09	0.01	0.00	0.10	0.10	0.00	0.09	0.09	472.36	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.41	3.76	3.72	0.01	0.00	0.27	0.27	0.00	0.25	0.25	471.53	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.33	2.89	3.36	0.01	0.00	0.15	0.15	0.00	0.15	0.15	568.30	0.03	0.03
Building Construction (GL & Upgrading Facility)	0.33	3.44	3.18	0.01	0.00	0.18	0.18	0.00	0.17	0.17	469.76	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.40	3.72	3.74	0.01	0.00	0.26	0.26	0.00	0.24	0.24	470.00	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.30	3.00	3.57	0.01	0.00	0.18	0.18	0.00	0.16	0.16	475.36	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.56	5.11	3.79	0.01	0.00	0.37	0.37	0.00	0.34	0.34	475.29	0.15	0.02
Building Construction (GL & Upgrading Facility)	0.83	4.13	4.71	0.01	0.00	0.20	0.20	0.00	0.20	0.20	568.30	0.07	0.03
Building Construction (GL & Upgrading Facility)-Concrete Pour	0.35	2.93	3.41	0.01	0.00	0.16	0.16	0.00	0.16	0.16	568.30	0.03	0.03
Paving	0.26	2.69	3.02	0.01	0.00	0.13	0.13	0.00	0.12	0.12	472.56	0.15	0.02
Paving	0.23	2.32	3.03	0.01	0.00	0.11	0.11	0.00	0.11	0.11	470.65	0.15	0.02
Installation of Electrical Poles and Transformers	0.12	1.16	1.05	0.01	0.00	0.04	0.04	0.00	0.03	0.03	468.76	0.15	0.02

1. Emission factors based on CalEEMod default values.

Offroad Equipment

	Emissions (lb/day)												
Phase Name	ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	0.25	2.56	3.10	0.00	0.00	0.12	0.12	0.00	0.11	0.11	455.08	0.15	0.02
Grading/Excavation	0.45	5.92	1.77	0.01	0.00	0.19	0.19	0.00	0.17	0.17	641.68	0.21	0.03
Grading/Excavation	0.25	2.60	2.90	0.00	0.00	0.13	0.13	0.00	0.12	0.12	455.06	0.15	0.02
Grading/Excavation	0.19	1.94	2.54	0.00	0.00	0.10	0.10	0.00	0.09	0.09	394.46	0.13	0.02
Grading/Excavation	1.86	21.41	14.01	0.03	0.00	0.83	0.83	0.00	0.76	0.76	2935.83	0.95	0.14
Trenching	0.16	1.89	1.30	0.01	0.00	0.06	0.06	0.00	0.05	0.05	570.04	0.18	0.03
Trenching	0.10	1.21	0.50	0.00	0.00	0.05	0.05	0.00	0.05	0.05	139.68	0.05	0.01
Trenching	0.17	1.62	2.45	0.00	0.00	0.08	0.08	0.00	0.07	0.07	375.14	0.12	0.02
Trenching	0.06	0.59	0.58	0.00	0.00	0.04	0.04	0.00	0.04	0.04	74.02	0.02	0.00
Trenching	0.45	3.96	4.61	0.01	0.00	0.21	0.21	0.00	0.21	0.21	778.79	0.04	0.04
Trenching	0.05	0.49	0.49	0.00	0.00	0.03	0.03	0.00	0.03	0.03	62.00	0.02	0.00
Trenching	0.07	0.43	0.23	0.00	0.00	0.02	0.02	0.00	0.02	0.02	54.12	0.01	0.00
Trenching	0.14	1.42	1.70	0.00	0.00	0.08	0.08	0.00	0.08	0.08	225.68	0.07	0.01
Trenching	0.19	1.76	1.30	0.00	0.00	0.13	0.13	0.00	0.12	0.12	163.46	0.05	0.01
Trenching	0.08	0.38	0.43	0.00	0.00	0.02	0.02	0.00	0.02	0.02	51.87	0.01	0.00
Building Construction (GL & Upgrading Facility)	0.07	0.51	0.61	0.00	0.00	0.03	0.03	0.00	0.03	0.03	93.82	0.01	0.00
Building Construction (GL & Upgrading Facility)	0.16	1.89	1.30	0.01	0.00	0.06	0.06	0.00	0.05	0.05	570.04	0.18	0.03
Building Construction (GL & Upgrading Facility)	0.01	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.00	0.00
Building Construction (GL & Upgrading Facility)	0.26	3.03	1.24	0.00	0.00	0.12	0.12	0.00	0.11	0.11	349.21	0.11	0.02
Building Construction (GL & Upgrading Facility)	0.17	1.62	2.45	0.00	0.00	0.08	0.08	0.00	0.07	0.07	375.14	0.12	0.02
Building Construction (GL & Upgrading Facility)	0.06	0.59	0.58	0.00	0.00	0.04	0.04	0.00	0.04	0.04	74.02	0.02	0.00
Building Construction (GL & Upgrading Facility)	0.45	3.96	4.61	0.01	0.00	0.21	0.21	0.00	0.21	0.21	778.79	0.04	0.04
Building Construction (GL & Upgrading Facility)	0.11	1.10	1.01	0.00	0.00	0.06	0.06	0.00	0.05	0.05	149.63	0.05	0.01
Building Construction (GL & Upgrading Facility)	0.05	0.49	0.49	0.00	0.00	0.03	0.03	0.00	0.03	0.03	62.00	0.02	0.00
Building Construction (GL & Upgrading Facility)	0.19	1.90	2.26	0.00	0.00	0.11	0.11	0.00	0.10	0.10	300.90	0.10	0.01
Building Construction (GL & Upgrading Facility)	0.19	1.76	1.30	0.00	0.00	0.13	0.13	0.00	0.12	0.12	163.46	0.05	0.01
Building Construction (GL & Upgrading Facility)	0.19	0.94	1.07	0.00	0.00	0.05	0.05	0.00	0.05	0.05	129.67	0.02	0.01
Building Construction (GL & Upgrading Facility)-Concrete Pour	1.14	9.63	11.22	0.02	0.00	0.53	0.53	0.00	0.53	0.53	1869.11	0.10	0.09
Paving	0.25	2.60	2.90	0.00	0.00	0.13	0.13	0.00	0.12	0.12	455.06	0.15	0.02
Paving	0.19	1.94	2.54	0.00	0.00	0.10	0.10	0.00	0.09	0.09	394.46	0.13	0.02
Installation of Electrical Poles and Transformers	0.22	2.27	2.04	0.01	0.00	0.07	0.07	0.00	0.07	0.07	913.56	0.30	0.04

1. Emission factors based on CalEEMod default values.

Truck Loading Fugitive Dust Emissions

Phase Name	Start Date	End Date	Total Days	Year	Total CY	Tons/CY	Throughput (tons)	Truck Loading EF (lb/ton throughput)						Emissions (lb/day)[1]					
								PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total
Site Preparation	11/1/21	11/1/21	1	2021		1.2642	0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00E+00		0.00E+00	0.00E+00		0.00E+00
Grading/Excavation	11/1/21	11/10/21	9	2021	8,000	1.2642	10,113	8.93E-05		8.93E-05	1.35E-05		1.35E-05	3.91E-02		3.91E-02	5.93E-03		5.93E-03
Trenching	11/1/21	3/1/22	104	2021		1.2642	0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00E+00		0.00E+00	0.00E+00		0.00E+00
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021		1.2642	0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00E+00		0.00E+00	0.00E+00		0.00E+00
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021		1.2642	0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00E+00		0.00E+00	0.00E+00		0.00E+00
Paving	11/13/21	11/15/21	2	2021		1.2642	0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00E+00		0.00E+00	0.00E+00		0.00E+00
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022		1.2642	0	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00E+00		0.00E+00	0.00E+00		0.00E+00

1) Includes dust conrol meaure of watering exposed area

Grading Fugitive Dust Emissions

Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	# of Equipment	Equuipment Usage (hours/day)	Acres per 8-hr day	Scaling Factor	Acres per day	Daily VMT	Emission Factor (lb/VMT) PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total
Site Preparation	11/1/2021	11/1/2021	1	2021	Off-Highway Tractors	1	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Graders	1	8	0.5	8	0.500	0.344	1.543		1.543	0.167		0.167
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Pavers	1	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Paving Equipment	1	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Scrapers	2	8	1	8	2.000	1.375	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Bore/Drill Rigs	1	5	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Cranes	1	2	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Excavators	1	6	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Forklifts	1	4	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Generator Sets	1	10	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Other General Industrial Equipme	1	2	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Pressure Washers	1	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Tractors/Loaders/Backhoes	1	6	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Trenchers	1	4	0	9	0.000	0.000	1.543		1.543	0.167		0.167
Trenching	11/1/2021	3/1/2022	104	2021	Welders	1	2	0	10	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Air Compressors	1	2	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Bore/Drill Rigs	1	5	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Cement and Mortar Mixers	1	1	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Cranes	1	5	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Excavators	1	6	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Forklifts	1	4	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Generator Sets	1	10	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Other Construction Equipment	1	2	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Other General Industrial Equipme	1	2	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Tractors/Loaders/Backhoes	1	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Trenchers	1	4	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Welders	1	5	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	2021	Pumps	3	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Paving	11/13/2021	11/15/2021	2	2021	Pavers	1	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Paving	11/13/2021	11/15/2021	2	2021	Paving Equipment	1	8	0	8	0.000	0.000	1.543		1.543	0.167		0.167
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	2022	Bore/Drill Rigs	1	8	0	9	0.000	0.000	1.543		1.543	0.167		0.167

1) Includes dust conrol meaure of watering exposed area

Grading Fugitive Dust Emissions

Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	# of Equipment	Equuipment Usage (hours/day)	Acres per 8-hr day	Scaling Factor	Acres per day	Daily VMT	Emissions (lb/day)[1] PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total
Site Preparation	11/1/2021	11/1/2021	1	2021	Off-Highway Tractors	1	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Graders	1	8	0.5	8	0.500	0.344	0.207		0.207	0.022		0.022
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Pavers	1	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Paving Equipment	1	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Grading/Excavation	11/1/2021	11/10/2021	9	2021	Scrapers	2	8	1	8	2.000	1.375	0.827		0.827	0.089		0.089
Trenching	11/1/2021	3/1/2022	104	2021	Bore/Drill Rigs	1	5	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Cranes	1	2	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Excavators	1	6	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Forklifts	1	4	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Generator Sets	1	10	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Other General Industrial Equipme	1	2	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Pressure Washers	1	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Tractors/Loaders/Backhoes	1	6	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Trenchers	1	4	0	9	0.000	0.000	0.000		0.000	0.000		0.000
Trenching	11/1/2021	3/1/2022	104	2021	Welders	1	2	0	10	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Air Compressors	1	2	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Bore/Drill Rigs	1	5	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Cement and Mortar Mixers	1	1	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Cranes	1	5	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Excavators	1	6	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Forklifts	1	4	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Generator Sets	1	10	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Other Construction Equipment	1	2	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Other General Industrial Equipme	1	2	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Tractors/Loaders/Backhoes	1	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Trenchers	1	4	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	Welders	1	5	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	2021	Pumps	3	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Paving	11/13/2021	11/15/2021	2	2021	Pavers	1	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Paving	11/13/2021	11/15/2021	2	2021	Paving Equipment	1	8	0	8	0.000	0.000	0.000		0.000	0.000		0.000
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	2022	Bore/Drill Rigs	1	8	0	9	0.000	0.000	0.000		0.000	0.000		0.000

1) Includes dust conrol meaure of watering exposed area

Worker Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	Running Exhaust Emission Factor (g/mile)												
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/2021	11/1/2021	1	2021	10	10.8	0.026	0.126	1.469	0.003	0.316	0.002	0.317	0.078	0.002	0.080	332.991	0.006	0.009
Grading/Excavation	11/1/2021	11/10/2021	9	2021	10	10.8	0.026	0.126	1.469	0.003	0.316	0.002	0.317	0.078	0.002	0.080	332.991	0.006	0.009
Trenching	11/1/2021	3/1/2022	104	2021	16	10.8	0.026	0.126	1.469	0.003	0.316	0.002	0.317	0.078	0.002	0.080	332.991	0.006	0.009
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	28	10.8	0.026	0.126	1.469	0.003	0.316	0.002	0.317	0.078	0.002	0.080	332.991	0.006	0.009
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	2021	0	10.8	0.026	0.126	1.469	0.003	0.316	0.002	0.317	0.078	0.002	0.080	332.991	0.006	0.009
Paving	11/13/2021	11/15/2021	2	2021	10	10.8	0.026	0.126	1.469	0.003	0.316	0.002	0.317	0.078	0.002	0.080	332.991	0.006	0.009
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	2022	0	10.8	0.023	0.112	1.347	0.003	0.316	0.002	0.317	0.078	0.002	0.080	329.048	0.005	0.009

1) Accounts for all exhaust and evaporative processes

Worker Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	Non-Running Emission Factors (g/trip)[1]												
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/2021	11/1/2021	1	2021	10	10.8	1.730	0.446	5.314	0.001	0.000	0.003	0.003	0.000	0.003	0.003	86.365	0.111	0.041
Grading/Excavation	11/1/2021	11/10/2021	9	2021	10	10.8	1.730	0.446	5.314	0.001	0.000	0.003	0.003	0.000	0.003	0.003	86.365	0.111	0.041
Trenching	11/1/2021	3/1/2022	104	2021	16	10.8	1.730	0.446	5.314	0.001	0.000	0.003	0.003	0.000	0.003	0.003	86.365	0.111	0.041
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	28	10.8	1.730	0.446	5.314	0.001	0.000	0.003	0.003	0.000	0.003	0.003	86.365	0.111	0.041
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	2021	0	10.8	1.730	0.446	5.314	0.001	0.000	0.003	0.003	0.000	0.003	0.003	86.365	0.111	0.041
Paving	11/13/2021	11/15/2021	2	2021	10	10.8	1.730	0.446	5.314	0.001	0.000	0.003	0.003	0.000	0.003	0.003	86.365	0.111	0.041
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	2022	0	10.8	1.649	0.418	4.948	0.001	0.000	0.003	0.003	0.000	0.003	0.003	84.877	0.104	0.040

1) Accounts for all exhaust and evaporative processes

Worker Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	Emissions (lb/day)												
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/2021	11/1/2021	1	2021	10	10.8	0.04	0.04	0.47	0.00	0.08	0.00	0.08	0.02	0.00	0.02	81.19	0.00	0.00
Grading/Excavation	11/1/2021	11/10/2021	9	2021	10	10.8	0.04	0.04	0.47	0.00	0.08	0.00	0.08	0.02	0.00	0.02	81.19	0.00	0.00
Trenching	11/1/2021	3/1/2022	104	2021	16	10.8	0.07	0.06	0.75	0.00	0.12	0.00	0.12	0.03	0.00	0.03	129.90	0.01	0.01
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	28	10.8	0.12	0.11	1.31	0.00	0.21	0.00	0.21	0.05	0.00	0.05	227.33	0.01	0.01
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	2021	0	10.8	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
Paving	11/13/2021	11/15/2021	2	2021	10	10.8	0.04	0.04	0.47	0.00	0.08	0.00	0.08	0.02	0.00	0.02	81.19	0.00	0.00
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	2022	0	10.8	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

1) Accounts for all exhaust and evaporative processes

Vendor Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)[1]	Running Exhaust Emission Factor (g/mile)											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	8	0.13	0.195	5.074	0.629	0.020	408.866	0.036	408.901	40.855	0.034	40.889	2069.983	0.009	0.326
Grading/Excavation	11/1/21	11/10/21	9	2021	8	0.13	0.195	5.074	0.629	0.020	408.866	0.036	408.901	40.855	0.034	40.889	2069.983	0.009	0.326
Trenching	11/1/21	3/1/22	104	2021	12	0.13	0.195	5.074	0.629	0.020	408.866	0.036	408.901	40.855	0.034	40.889	2069.983	0.009	0.326
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	12	0.13	0.195	5.074	0.629	0.020	408.866	0.036	408.901	40.855	0.034	40.889	2069.983	0.009	0.326
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	32	0.13	0.195	5.074	0.629	0.020	408.866	0.036	408.901	40.855	0.034	40.889	2069.983	0.009	0.326
Paving	11/13/21	11/15/21	2	2021	12	0.13	0.195	5.074	0.629	0.020	408.866	0.036	408.901	40.855	0.034	40.889	2069.983	0.009	0.326
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	0.13	0.137	4.607	0.514	0.019	408.865	0.027	408.891	40.855	0.025	40.880	2031.096	0.006	0.320

1) Accounts for all exhaust and evaporative processes

2) Includes dust conrol meaure of watering exposed areas

Vendor Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)[1]	Non-Running Emission Factors (g/trip)[1]											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	8	0.13	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Grading/Excavation	11/1/21	11/10/21	9	2021	8	0.13	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Trenching	11/1/21	3/1/22	104	2021	12	0.13	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	12	0.13	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	32	0.13	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Paving	11/13/21	11/15/21	2	2021	12	0.13	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	0.13	0.213	5.045	3.118	0.006	0.000	0.003	0.003	0.000	0.003	0.003	588.371	0.010	0.093

1) Accounts for all exhaust and evaporative processes

2) Includes dust conrol meaure of watering exposed areas

Vendor Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)[1]	Emissions (lb/day)[2]											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	8	0.13	0.00	0.10	0.05	0.00	0.38	0.00	0.38	0.04	0.00	0.04	15.40	0.00	0.00
Grading/Excavation	11/1/21	11/10/21	9	2021	8	0.13	0.00	0.10	0.05	0.00	0.38	0.00	0.38	0.04	0.00	0.04	15.40	0.00	0.00
Trenching	11/1/21	3/1/22	104	2021	12	0.13	0.01	0.15	0.08	0.00	0.57	0.00	0.57	0.06	0.00	0.06	23.09	0.00	0.00
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	12	0.13	0.01	0.15	0.08	0.00	0.57	0.00	0.57	0.06	0.00	0.06	23.09	0.00	0.00
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	32	0.13	0.02	0.39	0.22	0.00	1.52	0.00	1.52	0.15	0.00	0.15	61.58	0.00	0.01
Paving	11/13/21	11/15/21	2	2021	12	0.13	0.01	0.15	0.08	0.00	0.57	0.00	0.57	0.06	0.00	0.06	23.09	0.00	0.00
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	0.13	0.00	0.02	0.01	0.00	0.09	0.00	0.09	0.01	0.00	0.01	3.80	0.00	0.00

1) Accounts for all exhaust and evaporative processes

2) Includes dust conrol meaure of watering exposed areas

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)	Running Exhaust Emission Factor (g/mile) ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	8	7.3	0.050	2.218	0.181	0.013	0.385	0.034	0.419	0.101	0.032	0.133	1383.750	0.002	0.218
Grading/Excavation	11/1/21	11/10/21	9	2021	8	7.3	0.050	2.218	0.181	0.013	0.385	0.034	0.419	0.101	0.032	0.133	1383.750	0.002	0.218
Trenching	11/1/21	3/1/22	104	2021	12	7.3	0.050	2.218	0.181	0.013	0.385	0.034	0.419	0.101	0.032	0.133	1383.750	0.002	0.218
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	12	7.3	0.050	2.218	0.181	0.013	0.385	0.034	0.419	0.101	0.032	0.133	1383.750	0.002	0.218
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	32	7.3	0.050	2.218	0.181	0.013	0.385	0.034	0.419	0.101	0.032	0.133	1383.750	0.002	0.218
Paving	11/13/21	11/15/21	2	2021	12	7.3	0.050	2.218	0.181	0.013	0.385	0.034	0.419	0.101	0.032	0.133	1383.750	0.002	0.218
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	7.3	0.036	1.907	0.127	0.013	0.385	0.025	0.409	0.101	0.024	0.125	1373.851	0.002	0.216

1) Accounts for all exhaust and evaporative processes

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)	Non-Running Emission Factors (g/trip)[1]											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	8	7.3	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Grading/Excavation	11/1/21	11/10/21	9	2021	8	7.3	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Trenching	11/1/21	3/1/22	104	2021	12	7.3	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	12	7.3	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	32	7.3	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Paving	11/13/21	11/15/21	2	2021	12	7.3	0.215	4.895	3.031	0.006	0.000	0.005	0.005	0.000	0.004	0.004	593.753	0.010	0.094
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	7.3	0.213	5.045	3.118	0.006	0.000	0.003	0.003	0.000	0.003	0.003	588.371	0.010	0.093

1) Accounts for all exhaust and evaporative processes

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)	Emissions (lb/day)											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	8	7.3	0.01	0.37	0.08	0.00	0.05	0.00	0.05	0.01	0.00	0.02	188.63	0.00	0.03
Grading/Excavation	11/1/21	11/10/21	9	2021	8	7.3	0.01	0.37	0.08	0.00	0.05	0.00	0.05	0.01	0.00	0.02	188.63	0.00	0.03
Trenching	11/1/21	3/1/22	104	2021	12	7.3	0.02	0.56	0.12	0.00	0.07	0.01	0.08	0.02	0.01	0.03	282.94	0.00	0.04
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	12	7.3	0.02	0.56	0.12	0.00	0.07	0.01	0.08	0.02	0.01	0.03	282.94	0.00	0.04
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	32	7.3	0.04	1.49	0.31	0.01	0.20	0.02	0.22	0.05	0.02	0.07	754.52	0.00	0.12
Paving	11/13/21	11/15/21	2	2021	12	7.3	0.02	0.56	0.12	0.00	0.07	0.01	0.08	0.02	0.01	0.03	282.94	0.00	0.04
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	7.3	0.00	0.08	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	46.82	0.00	0.01

1) Accounts for all exhaust and evaporative processes

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)[1]	Running Exhaust Emission Factor (g/mile)											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	0	0.13	0.20	6.78	0.79	0.02	408.92	0.02	408.94	40.87	0.02	40.89	2524.88	0.01	0.40
Grading/Excavation	11/1/21	11/10/21	9	2021	112	0.13	0.20	6.78	0.79	0.02	408.92	0.02	408.94	40.87	0.02	40.89	2524.88	0.01	0.40
Trenching	11/1/21	3/1/22	104	2021	0	0.13	0.20	6.78	0.79	0.02	408.92	0.02	408.94	40.87	0.02	40.89	2524.88	0.01	0.40
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	0	0.13	0.20	6.78	0.79	0.02	408.92	0.02	408.94	40.87	0.02	40.89	2524.88	0.01	0.40
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	0	0.13	0.20	6.78	0.79	0.02	408.92	0.02	408.94	40.87	0.02	40.89	2524.88	0.01	0.40
Paving	11/13/21	11/15/21	2	2021	0	0.13	0.20	6.78	0.79	0.02	408.92	0.02	408.94	40.87	0.02	40.89	2524.88	0.01	0.40
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	0.13	0.12	6.21	0.63	0.02	408.92	0.01	408.93	40.87	0.01	40.89	2459.08	0.01	0.39

1) Accounts for all exhaust and evaporative processes

2) Includes dust conrol meaure of watering exposed areas

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)[1]	Non-Running Emission Factors (g/trip)[1]											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	0	0.13	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Grading/Excavation	11/1/21	11/10/21	9	2021	112	0.13	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Trenching	11/1/21	3/1/22	104	2021	0	0.13	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	0	0.13	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	0	0.13	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Paving	11/13/21	11/15/21	2	2021	0	0.13	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	0.13	0.40	7.43	5.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	984.29	0.02	0.16

1) Accounts for all exhaust and evaporative processes

2) Includes dust conrol meaure of watering exposed areas

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)[1]	Emissions (lb/day)[2]											
							ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	0	0.13	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
Grading/Excavation	11/1/21	11/10/21	9	2021	112	0.13	0.11	2.02	1.38	0.00	5.31	0.00	5.31	0.53	0.00	0.53	329.19	0.00	0.05
Trenching	11/1/21	3/1/22	104	2021	0	0.13	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
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	0	0.13	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
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	0	0.13	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
Paving	11/13/21	11/15/21	2	2021	0	0.13	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
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	0.13	0.00	0.04	0.03	0.00	0.09	0.00	0.09	0.01	0.00	0.01	5.80	0.00	0.00

1) Accounts for all exhaust and evaporative processes

2) Includes dust conrol meaure of watering exposed areas

Haul Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	Running Exhaust Emission Factor (g/mile) ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	0	20	0.04	2.53	0.18	0.02	0.41	0.04	0.46	0.11	0.04	0.15	1628.35	0.00	0.26
Grading/Excavation	11/1/21	11/10/21	9	2021	112	10	0.04	2.53	0.18	0.02	0.41	0.04	0.46	0.11	0.04	0.15	1628.35	0.00	0.26
Trenching	11/1/21	3/1/22	104	2021	0	20	0.04	2.53	0.18	0.02	0.41	0.04	0.46	0.11	0.04	0.15	1628.35	0.00	0.26
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	0	20	0.04	2.53	0.18	0.02	0.41	0.04	0.46	0.11	0.04	0.15	1628.35	0.00	0.26
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	0	20	0.04	2.53	0.18	0.02	0.41	0.04	0.46	0.11	0.04	0.15	1628.35	0.00	0.26
Paving	11/13/21	11/15/21	2	2021	0	20	0.04	2.53	0.18	0.02	0.41	0.04	0.46	0.11	0.04	0.15	1628.35	0.00	0.26
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	20	0.03	2.15	0.10	0.02	0.41	0.03	0.44	0.11	0.03	0.14	1612.03	0.00	0.25

1) Accounts for all exhaust and evaporative processes

Haul Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	Non-Running Emission Factors (g/trip)[1] ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	0	20	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Grading/Excavation	11/1/21	11/10/21	9	2021	112	10	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Trenching	11/1/21	3/1/22	104	2021	0	20	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	0	20	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	0	20	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Paving	11/13/21	11/15/21	2	2021	0	20	0.40	7.28	5.47	0.01	0.00	0.00	0.00	0.00	0.00	0.00	992.72	0.02	0.16
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	20	0.40	7.43	5.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	984.29	0.02	0.16

1) Accounts for all exhaust and evaporative processes

Haul Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	Emissions (lb/day) ROG	NO_X	CO	SO_X	PM_{10} Fugitive	PM_{10} Exhaust	PM_{10} Total	$PM_{2.5}$ Fugitive	$PM_{2.5}$ Exhaust	$PM_{2.5}$ Total	CO_2	CH_4	N_2O
Site Preparation	11/1/21	11/1/21	1	2021	0	20	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
Grading/Excavation	11/1/21	11/10/21	9	2021	112	10	0.21	8.04	1.79	0.04	1.02	0.10	1.13	0.27	0.10	0.37	4265.81	0.01	0.67
Trenching	11/1/21	3/1/22	104	2021	0	20	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
Building Construction (GL & Upgrading Facility)	12/1/21	6/1/22	157	2021	0	20	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
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/21	12/10/21	5	2021	0	20	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
Paving	11/13/21	11/15/21	2	2021	0	20	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
Installation of Electrical Poles and Transformers	6/1/22	6/1/22	1	2022	2	20	0.00	0.22	0.03	0.00	0.04	0.00	0.04	0.01	0.00	0.01	146.50	0.00	0.02

1) Accounts for all exhaust and evaporative processes

Paving Off-Gassing Emissions

Phase Name	Start Date	End Date	# of Workdays	Acres	Off-Gassing EF (lb/acre)	Total ROG Emissions (lbs)
Paving	11/13/2021	11/15/2021	2	0.1	2.62	0.26
					2.62	0.00
					2.62	0.00
					2.62	0.00
					2.62	0.00
					2.62	0.00

Phase Name	Start Date	End Date	# of Workdays	ROG (lb/day)
Site Preparation	11/1/2021	11/1/2021	1	**0.00**
Grading/Excavation	11/1/2021	11/10/2021	9	**0.00**
Trenching	11/1/2021	3/1/2022	104	**0.00**
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	**0.00**
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	**0.00**
Paving	11/13/2021	11/15/2021	2	**0.13**
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	**0.00**

GHG Emissions from Water Consumption

		kWh/million gallons (Mgal)[3]				
Location Type	**Name**	**Supply Water**	**Treat Water**	**Distribute Water**	**Wastewater Treatment[3]**	**Total Water Use Factor**
Air District	SJVAPCD	9,727.00	111.00	1,272.00		11,110.00

Parameter	**Value**
Total Water Consumption (Mgal)[1]	0.918
Total Electricity Consumption (kWh)	10,198.98
Total Electricity Consumption (MWh)	**10.20**
CO_2 Intensity Factor (lb/MWh)[2]	421
CH_4 Intensity Factor (lb/MWh)[2]	0.033
N_2O Intensity Factor (lb/MWh)[2]	0.004
Total $MTCO_2$	1.95
Total $MTCH_4$	0.00
Total MTN_2O	0.00
Total $MTCO_2e$	**1.96**

1)Based on project data needs

2) CalEEMod default intensity factors for Turlock Irrigation District

3) Water is used for dust control and would not return to sewer

Project Name: Hilmar Biogas Cluster

Construction Days per week[1]	6
Construction Hours:	7AM-5PM
Project Area (acres)	3.29
Project Area (SF)	143,312

Dust Control

Water Exposed Area	Reduction (%)	Truck Trips
Dust Control Reduction (Water 3x per day: 3.2-hr interval)	61%	6
Dust Control Reduction (Water 4x per day: 2.1-hr interval)	74%	8
Valued used in analysis	**61%**	

Construction Schedule[1,2]

Phase Name	Start Date	End Date	# of Workdays	# of Worker Trips/day (In/Out)	# of Vendor Trips/day (In/Out)	Total # of One-Way Haul Trucks Trips	One-Way Haul Truck Trips/day (In/Out)	Offsite Trip Length (mi)[3]		
								Worker	Vendor	Haul
Site Preparation	11/1/2021	11/1/2021	1	10	8	0	0	10.8	7.3	20
Grading/Excavation	11/1/2021	11/10/2021	9	10	8	1,000	112	10.8	7.3	10
Trenching	11/1/2021	3/1/2022	104	16	12	0	0	10.8	7.3	20
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	28	12	0	0	10.8	7.3	20
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	0	32	0	0	10.8	7.3	20
Paving	11/13/2021	11/15/2021	2	10	12	0	0	10.8	7.3	20
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	0	2	0	2	10.8	7.3	20

Construction Workers[1]

Phase Name	Average # of Workers per day	# of Daily Worker Trips (In/Out)
Site Preparation	5	**10**
Grading/Excavation	5	**10**
Trenching	8	**16**
Building Construction (GL & Upgrading Facility)	14	**28**
Paving	5	**10**

Vendors/Deliveries[1]

Phase Name	Average # of Vendor Trucks per day	# of Daily Vendor Trips (In/Out)
Site Preparation	1	**2**
Grading/Excavation	0	**0**
Trenching	1	**2**
Building Construction (GL & Upgrading Facility)	1	**2**
Paving	3	**6**

Material Import

Parameter	Value
Total Fill Volume (CY)[1]	8,000
Truck Capacity (CY/truck)[4]	16
# of Trucks Required	500
Total One-Way Truck Trips	**1,000**

Concrete Truck Trips

Parameter	Value
Total Concrete Volume (CY)[1]	800
Truck Capacity (CY/truck)	10
Total Trucks Required	80
Total One-Way Truck Trips	**160**

Paving

Parameter	Value
Total Paving Area (acres)	**0.10**

Water Consumption

Parameter	Value
Daily water consumption (gal)	6,000
Total Workdays	153
Total Water Consumption (gal)	918,000

Notes:

1 Information provided from applicant in data needs responses
2 Added separate phase for concrete pouring to occur over 1 week. This would be conservative since concrete trucks would occur over 5 days rather than the entirety of the building construction phase.
3 Default CalEEMod trip lengths for project area
4 CalEEMod User's Guide Appendix A, pg. 14
5 Concrete Truck Capacity
6 Worst-case distance across site

3.3-A-2: Operations AQ & GHG Emissions

Operational Emissions Summary-Daily

SUMMER	ROG	NO_X	CO	SO_X	PM_{10} Total	$PM_{2.5}$ Total
Category	**Emissions (lb/day)**					
Area	3.614	0.000	0.015	0.000	0.000	0.000
Energy	0.000	0.000	0.000	0.000	0.000	0.000
Mobile	0.039	0.060	0.318	0.001	0.057	0.016
Offroad	0.450	5.450	3.077	0.007	0.208	0.192
Total	**4.104**	**5.510**	**3.410**	**0.008**	**0.265**	**0.207**

WINTER	ROG	NO_X	CO	SO_X	PM_{10} Total	$PM_{2.5}$ Total
Category	**Emissions (lb/day)**					
Area	3.614	0.000	0.015	0.000	0.000	0.000
Energy	0.000	0.000	0.000	0.000	0.000	0.000
Mobile	0.031	0.067	0.306	0.001	0.057	0.016
Offroad	0.450	5.450	3.077	0.007	0.208	0.192
Total	**4.096**	**5.517**	**3.397**	**0.008**	**0.265**	**0.207**

MAXIMUM	ROG	NO_X	CO	SO_X	PM_{10} Total	$PM_{2.5}$ Total
Category	**Emissions (lb/day)**					
Area	3.614	0.000	0.015	0.000	0.000	0.000
Energy	0.000	0.000	0.000	0.000	0.000	0.000
Mobile	0.039	0.067	0.318	0.001	0.057	0.016
Offroad	0.450	5.450	3.077	0.007	0.208	0.192
Project Emissions	**4.104**	**5.517**	**3.410**	**0.008**	**0.265**	**0.207**
SJVAPCD Significance Thresholds	100	100	100	100	100	100
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

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

Hilmar Biogas Cluster Project - Operations

San Joaquin Valley Unified APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	143.31	1000sqft	3.29	143,312.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.7	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2021
Utility Company	Turlock Irrigation District				
CO2 Intensity (lb/MWhr)	420.83	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Vehicle Trips - 5 employees would be onsite each day resulting in 10 one-way vehicle trips.

Energy Use - Project would not consume natural gas. Electricty emissions quantified outside of CalEEMod.

Water And Wastewater - Project would consume a minimal amount of water.

Solid Waste - Project would not generate significant amounts of solid waste. Only carbon filters would be disposed of two times per year.

Operational Off-Road Equipment - Onsite equipment would only be needed two times per year to replace carbon filters and provide access to maintenance valves.

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

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

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.92	0.00
tblEnergyUse	NT24E	3.58	0.00
tblEnergyUse	NT24NG	0.28	0.00
tblEnergyUse	T24E	2.34	0.00
tblEnergyUse	T24NG	12.64	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblSolidWaste	SolidWasteGenerationRate	177.70	0.00
tblVehicleTrips	ST_TR	2.54	0.07
tblVehicleTrips	SU_TR	1.24	0.07
tblVehicleTrips	WD_TR	3.37	0.07
tblWater	IndoorWaterUseRate	33,140,437.50	0.00

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

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

2.0 Emissions Summary

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	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
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	0.0390	0.0602	0.3184	6.7000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		68.1626	68.1626	3.6900e-003	3.7700e-003	69.3777
Offroad	0.4504	5.4500	3.0769	7.4500e-003		0.2083	0.2083		0.1917	0.1917	0.0000	721.3586	721.3586	0.2333		727.1912
Total	**4.1036**	**5.5103**	**3.4100**	**8.1200e-003**	**0.0558**	**0.2093**	**0.2650**	**0.0149**	**0.1926**	**0.2075**	**0.0000**	**789.5525**	**789.5525**	**0.2371**	**3.7700e-003**	**796.6023**

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	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
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	0.0390	0.0602	0.3184	6.7000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		68.1626	68.1626	3.6900e-003	3.7700e-003	69.3777
Offroad	0.4504	5.4500	3.0769	7.4500e-003		0.2083	0.2083		0.1917	0.1917	0.0000	721.3586	721.3586	0.2333		727.1912
Total	**4.1036**	**5.5103**	**3.4100**	**8.1200e-003**	**0.0558**	**0.2093**	**0.2650**	**0.0149**	**0.1926**	**0.2075**	**0.0000**	**789.5525**	**789.5525**	**0.2371**	**3.7700e-003**	**796.6023**

	ROG	NOx	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**

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

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	0.0390	0.0602	0.3184	6.7000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		68.1626	68.1626	3.6900e-003	3.7700e-003	69.3777
Unmitigated	0.0390	0.0602	0.3184	6.7000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		68.1626	68.1626	3.6900e-003	3.7700e-003	69.3777

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	10.03	10.03	10.03	26,302	26,302
Total	10.03	10.03	10.03	26,302	26,302

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
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.490478	0.051656	0.169664	0.176757	0.032643	0.008324	0.013921	0.025395	0.000701	0.000320	0.024485	0.001575	0.0040

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
Unmitigated	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335

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	0.5460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.0669					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3700e-003	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
Total	**3.6142**	**1.3000e-004**	**0.0147**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0314**	**0.0314**	**8.0000e-005**		**0.0335**

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	0.5460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.0669					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3700e-003	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
Total	**3.6142**	**1.3000e-004**	**0.0147**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0314**	**0.0314**	**8.0000e-005**		**0.0335**

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Cranes	1	8.00	2	231	0.29	Diesel
Aerial Lifts	1	8.00	2	63	0.31	Diesel

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Aerial Lifts	0.0375	0.6006	1.0941	1.6800e-003		0.0115	0.0115		0.0105	0.0105	0.0000	162.6199	162.6199	0.0526		163.9347
Cranes	0.4129	4.8493	1.9829	5.7700e-003		0.1969	0.1969		0.1811	0.1811	0.0000	558.7388	558.7388	0.1807		563.2565
Total	**0.4504**	**5.4500**	**3.0769**	**7.4500e-003**		**0.2083**	**0.2083**		**0.1917**	**0.1917**	**0.0000**	**721.3586**	**721.3586**	**0.2333**		**727.1912**

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Summer

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

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

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Winter

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

Hilmar Biogas Cluster Project - Operations

San Joaquin Valley Unified APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	143.31	1000sqft	3.29	143,312.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.7	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2021
Utility Company	Turlock Irrigation District				
CO2 Intensity (lb/MWhr)	420.83	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Vehicle Trips - 5 employees would be onsite each day resulting in 10 one-way vehicle trips.

Energy Use - Project would not consume natural gas. Electricty emissions quantified outside of CalEEMod.

Water And Wastewater - Project would consume a minimal amount of water.

Solid Waste - Project would not generate significant amounts of solid waste. Only carbon filters would be disposed of two times per year.

Operational Off-Road Equipment - Onsite equipment would only be needed two times per year to replace carbon filters and provide access to maintenance valves.

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Winter

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

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.92	0.00
tblEnergyUse	NT24E	3.58	0.00
tblEnergyUse	NT24NG	0.28	0.00
tblEnergyUse	T24E	2.34	0.00
tblEnergyUse	T24NG	12.64	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblSolidWaste	SolidWasteGenerationRate	177.70	0.00
tblVehicleTrips	ST_TR	2.54	0.07
tblVehicleTrips	SU_TR	1.24	0.07
tblVehicleTrips	WD_TR	3.37	0.07
tblWater	IndoorWaterUseRate	33,140,437.50	0.00

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Winter

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

2.0 Emissions Summary

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	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
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	0.0313	0.0670	0.3057	6.1000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		62.7935	62.7935	4.1400e-003	4.0100e-003	64.0920
Offroad	0.4504	5.4500	3.0769	7.4500e-003		0.2083	0.2083		0.1917	0.1917	0.0000	721.3586	721.3586	0.2333		727.1912
Total	**4.0959**	**5.5171**	**3.3972**	**8.0600e-003**	**0.0558**	**0.2093**	**0.2650**	**0.0149**	**0.1926**	**0.2075**	**0.0000**	**784.1834**	**784.1834**	**0.2375**	**4.0100e-003**	**791.3166**

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	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
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	0.0313	0.0670	0.3057	6.1000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		62.7935	62.7935	4.1400e-003	4.0100e-003	64.0920
Offroad	0.4504	5.4500	3.0769	7.4500e-003		0.2083	0.2083		0.1917	0.1917	0.0000	721.3586	721.3586	0.2333		727.1912
Total	**4.0959**	**5.5171**	**3.3972**	**8.0600e-003**	**0.0558**	**0.2093**	**0.2650**	**0.0149**	**0.1926**	**0.2075**	**0.0000**	**784.1834**	**784.1834**	**0.2375**	**4.0100e-003**	**791.3166**

	ROG	NOx	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

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Winter

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	0.0313	0.0670	0.3057	6.1000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		62.7935	62.7935	4.1400e-003	4.0100e-003	64.0920
Unmitigated	0.0313	0.0670	0.3057	6.1000e-004	0.0558	8.9000e-004	0.0567	0.0149	8.4000e-004	0.0157		62.7935	62.7935	4.1400e-003	4.0100e-003	64.0920

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	10.03	10.03	10.03	26,302	26,302
Total	10.03	10.03	10.03	26,302	26,302

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
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.490478	0.051656	0.169664	0.176757	0.032643	0.008324	0.013921	0.025395	0.000701	0.000320	0.024485	0.001575	0.0040

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Hilmar Biogas Cluster Project - Operations - San Joaquin Valley Unified APCD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
Unmitigated	3.6142	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335

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	0.5460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.0669					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3700e-003	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
Total	**3.6142**	**1.3000e-004**	**0.0147**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0314**	**0.0314**	**8.0000e-005**		**0.0335**

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	0.5460					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.0669					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3700e-003	1.3000e-004	0.0147	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0314	0.0314	8.0000e-005		0.0335
Total	**3.6142**	**1.3000e-004**	**0.0147**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0314**	**0.0314**	**8.0000e-005**		**0.0335**

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Cranes	1	8.00	2	231	0.29	Diesel
Aerial Lifts	1	8.00	2	63	0.31	Diesel

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Aerial Lifts	0.0375	0.6006	1.0941	1.6800e-003		0.0115	0.0115		0.0105	0.0105	0.0000	162.6199	162.6199	0.0526		163.9347
Cranes	0.4129	4.8493	1.9829	5.7700e-003		0.1969	0.1969		0.1811	0.1811	0.0000	558.7388	558.7388	0.1807		563.2565
Total	**0.4504**	**5.4500**	**3.0769**	**7.4500e-003**		**0.2083**	**0.2083**		**0.1917**	**0.1917**	**0.0000**	**721.3586**	**721.3586**	**0.2333**		**727.1912**

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

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

Operational Emissions Summary-Annual

Category	ROG	NO_X	CO	SO_X	PM_{10} Total	$PM_{2.5}$ Total
	Annual Emissions (tons per year)					
Area	0.6595	0.0000	0.0013	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0059	0.0116	0.0537	0.0001	0.0100	0.0028
Offroad	0.0005	0.0055	0.0031	0.0000	0.0002	0.0002
Total	**0.6659**	**0.0171**	**0.0581**	**0.0001**	**0.0102**	**0.0030**
SJVAPCD Significance Thresholds	10	10	100	27	15	15
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

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

Hilmar Biogas Cluster Project - Operations

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	143.31	1000sqft	3.29	143,312.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.7	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2021
Utility Company	Turlock Irrigation District				
CO2 Intensity (lb/MWhr)	420.83	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Vehicle Trips - 5 employees would be onsite each day resulting in 10 one-way vehicle trips.

Energy Use - Project would not consume natural gas. Electricty emissions quantified outside of CalEEMod.

Water And Wastewater - Project would consume a minimal amount of water.

Solid Waste - Project would not generate significant amounts of solid waste. Only carbon filters would be disposed of two times per year.

Operational Off-Road Equipment - Onsite equipment would only be needed two times per year to replace carbon filters and provide access to maintenance valves.

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

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.92	0.00
tblEnergyUse	NT24E	3.58	0.00
tblEnergyUse	NT24NG	0.28	0.00
tblEnergyUse	T24E	2.34	0.00
tblEnergyUse	T24NG	12.64	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblSolidWaste	SolidWasteGenerationRate	177.70	0.00
tblVehicleTrips	ST_TR	2.54	0.07
tblVehicleTrips	SU_TR	1.24	0.07
tblVehicleTrips	WD_TR	3.37	0.07
tblWater	IndoorWaterUseRate	33,140,437.50	0.00

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

2.0 Emissions Summary

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	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
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	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993
Offroad	4.5000e-004	5.4500e-003	3.0800e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.6544	0.6544	2.1000e-004	0.0000	0.6597
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	**0.6659**	**0.0171**	**0.0581**	**1.2000e-004**	**9.8800e-003**	**3.7000e-004**	**0.0103**	**2.6500e-003**	**3.4000e-004**	**2.9900e-003**	**0.0000**	**11.2496**	**11.2496**	**8.6000e-004**	**6.4000e-004**	**11.4617**

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

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	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
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	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993
Offroad	4.5000e-004	5.4500e-003	3.0800e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.6544	0.6544	2.1000e-004	0.0000	0.6597
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	**0.6659**	**0.0171**	**0.0581**	**1.2000e-004**	**9.8800e-003**	**3.7000e-004**	**0.0103**	**2.6500e-003**	**3.4000e-004**	**2.9900e-003**	**0.0000**	**11.2496**	**11.2496**	**8.6000e-004**	**6.4000e-004**	**11.4617**

	ROG	NOx	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**

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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	tons/yr										MT/yr					
Mitigated	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993
Unmitigated	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	10.03	10.03	10.03	26,302	26,302
Total	10.03	10.03	10.03	26,302	26,302

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
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.490478	0.051656	0.169664	0.176757	0.032643	0.008324	0.013921	0.025395	0.000701	0.000320	0.024485	0.001575	0.004080

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

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Industrial Park	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			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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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	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
Unmitigated	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
Total	**0.6595**	**1.0000e-005**	**1.3200e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.5600e-003**	**2.5600e-003**	**1.0000e-005**	**0.0000**	**2.7300e-003**

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	0.0996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
Total	**0.6595**	**1.0000e-005**	**1.3200e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.5600e-003**	**2.5600e-003**	**1.0000e-005**	**0.0000**	**2.7300e-003**

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7.0 Water Detail

7.1 Mitigation Measures Water

	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			
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Industrial Park	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
Cranes	1	8.00	2	231	0.29	Diesel
Aerial Lifts	1	8.00	2	63	0.31	Diesel

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Aerial Lifts	4.0000e-005	6.0000e-004	1.0900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1475	0.1475	5.0000e-005	0.0000	0.1487
Cranes	4.1000e-004	4.8500e-003	1.9800e-003	1.0000e-005		2.0000e-004	2.0000e-004		1.8000e-004	1.8000e-004	0.0000	0.5069	0.5069	1.6000e-004	0.0000	0.5110
Total	**4.5000e-004**	**5.4500e-003**	**3.0700e-003**	**1.0000e-005**		**2.1000e-004**	**2.1000e-004**		**1.9000e-004**	**1.9000e-004**	**0.0000**	**0.6544**	**0.6544**	**2.1000e-004**	**0.0000**	**0.6597**

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

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

Project Operations GHG Summary

Source Category	$MTCO_2e$/year
Area	0.00
Electricity	56.01
Mobile	10.87
Offroad	0.66
Construction	15.06
Total Project Emissions	**82.60**
Net GHG Removal	210,472
Project Net Emissions	**-210,389.09**

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

Hilmar Biogas Cluster Project - Operations

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	143.31	1000sqft	3.29	143,312.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.7	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2021
Utility Company	Turlock Irrigation District				
CO2 Intensity (lb/MWhr)	420.83	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Vehicle Trips - 5 employees would be onsite each day resulting in 10 one-way vehicle trips.

Energy Use - Project would not consume natural gas. Electricty emissions quantified outside of CalEEMod.

Water And Wastewater - Project would consume a minimal amount of water.

Solid Waste - Project would not generate significant amounts of solid waste. Only carbon filters would be disposed of two times per year.

Operational Off-Road Equipment - Onsite equipment would only be needed two times per year to replace carbon filters and provide access to maintenance valves.

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

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.92	0.00
tblEnergyUse	NT24E	3.58	0.00
tblEnergyUse	NT24NG	0.28	0.00
tblEnergyUse	T24E	2.34	0.00
tblEnergyUse	T24NG	12.64	0.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblSolidWaste	SolidWasteGenerationRate	177.70	0.00
tblVehicleTrips	ST_TR	2.54	0.07
tblVehicleTrips	SU_TR	1.24	0.07
tblVehicleTrips	WD_TR	3.37	0.07
tblWater	IndoorWaterUseRate	33,140,437.50	0.00

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

2.0 Emissions Summary

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	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
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	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993
Offroad	4.5000e-004	5.4500e-003	3.0800e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.6544	0.6544	2.1000e-004	0.0000	0.6597
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	**0.6659**	**0.0171**	**0.0581**	**1.2000e-004**	**9.8800e-003**	**3.7000e-004**	**0.0103**	**2.6500e-003**	**3.4000e-004**	**2.9900e-003**	**0.0000**	**11.2496**	**11.2496**	**8.6000e-004**	**6.4000e-004**	**11.4617**

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

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	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
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	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993
Offroad	4.5000e-004	5.4500e-003	3.0800e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.6544	0.6544	2.1000e-004	0.0000	0.6597
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	**0.6659**	**0.0171**	**0.0581**	**1.2000e-004**	**9.8800e-003**	**3.7000e-004**	**0.0103**	**2.6500e-003**	**3.4000e-004**	**2.9900e-003**	**0.0000**	**11.2496**	**11.2496**	**8.6000e-004**	**6.4000e-004**	**11.4617**

	ROG	NOx	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**

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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	tons/yr										MT/yr					
Mitigated	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993
Unmitigated	5.9300e-003	0.0116	0.0537	1.1000e-004	9.8800e-003	1.6000e-004	0.0100	2.6500e-003	1.5000e-004	2.8000e-003	0.0000	10.5927	10.5927	6.4000e-004	6.4000e-004	10.7993

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	10.03	10.03	10.03	26,302	26,302
Total	10.03	10.03	10.03	26,302	26,302

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
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.490478	0.051656	0.169664	0.176757	0.032643	0.008324	0.013921	0.025395	0.000701	0.000320	0.024485	0.001575	0.0040

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

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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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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					
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**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			
Industrial Park	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			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
Unmitigated	0.6595	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
Total	**0.6595**	**1.0000e-005**	**1.3200e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.5600e-003**	**2.5600e-003**	**1.0000e-005**	**0.0000**	**2.7300e-003**

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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	0.0996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2000e-004	1.0000e-005	1.3200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.5600e-003	2.5600e-003	1.0000e-005	0.0000	2.7300e-003
Total	**0.6595**	**1.0000e-005**	**1.3200e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.5600e-003**	**2.5600e-003**	**1.0000e-005**	**0.0000**	**2.7300e-003**

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

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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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

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			
Industrial Park	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			
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Cranes	1	8.00	2	231	0.29	Diesel
Aerial Lifts	1	8.00	2	63	0.31	Diesel

UnMitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Aerial Lifts	4.0000e-005	6.0000e-004	1.0900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1475	0.1475	5.0000e-005	0.0000	0.1487
Cranes	4.1000e-004	4.8500e-003	1.9800e-003	1.0000e-005		2.0000e-004	2.0000e-004		1.8000e-004	1.8000e-004	0.0000	0.5069	0.5069	1.6000e-004	0.0000	0.5110
Total	**4.5000e-004**	**5.4500e-003**	**3.0700e-003**	**1.0000e-005**		**2.1000e-004**	**2.1000e-004**		**1.9000e-004**	**1.9000e-004**	**0.0000**	**0.6544**	**0.6544**	**2.1000e-004**	**0.0000**	**0.6597**

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

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

GHG Emissions from Electricity

Parameter	Value
Daily Electricity Consumption (kWh)[1]	**800**
Operational Days per year	365
Annual Electricity Consumption (kWh)	292,000
Annual Electricity Consumption (MWh)	**292**
CO_2 Intensity Factor (lb/MWh)[1]	420.83
CH_4 Intensity Factor (lb/MWh)[2]	0.033
N_2O Intensity Factor (lb/MWh)[2]	0.004
Total $MTCO_2$	55.74
Total $MTCH_4$	0.004
Total MTN_2O	0.001
Total $MTCO_2e$	**56.01**

1) Data needs responses,V2

2) CalEEMod Default values for Turlock Irrigation District (CalEEMod version 2020.4.0)

3) Accounts for GWPs

CO_2 Vented

Parameter	Value
Total Biogas throughput (ft^3/day)[1]	2,160,000
Total RNG production (ft^3/day)[1]	1,296,000
Volume of CO_2 extracted from Biogas (ft^3/day)	864,000
Density of CO_2 (lb/ft^3)[2]	0.1160
Weight of CO_2 extracted from Biogas (lb/day)	100,192
Weight of CO_2 extracted from Biogas (MT/day)	45.45
Annual Operating Schedule (days/year)	365
Annual Weight of CO_2 (MT/year)	**16,588**
CO_2 Global Warming Potential	1
$MTCO_2e$ Vented	**16,588**

CH_4 Sequestered

Parameter	Value
Total Biogas throughput (ft^3/day)[1]	2,160,000
Total RNG production (ft^3/day)[1]	1,296,000
Density of CH_4 (lb/ft^3)[2]	0.0423
Weight of CH_4 extracted from Biogas (lb/day)	54,858
Weight of CH_4 extracted from Biogas (MT/day)	24.88
Annual Operating Schedule (days/year)	365
Annual Weight of CH_4 (MT/year)	**9,082**
CH_4 Global Warming Potential	25
$MTCO_2e$ Sequestered	**227,060**

Densities

GHG	Density (kg/scf)[2]	Density (lb/scf)
CO_2	0.053	0.116
CH_4	0.019	0.042

Project Annual $MTCO_2e$ Removal:	210,472

Notes:

1 Information provided by applicant in data needs

2 40 CFR Section 98.233-Calculating GHG Emissions, Equation W-36
https://www.law.cornell.edu/cfr/text/40/98.233#u

3 Global Warming Potentials
https://ww2.arb.ca.gov/ghg-gwps

1 Metric ton = 2204.62 lbs

3.3-A-3: Construction Health Risk Assessment

Construction HRA Summary - Unmitigated

Receptor Type	Cancer Risk (per million)	Chronic HI
Resident	11.5	0.03
SJVAPCD Threshold	20.0	1.0
Exceeds Threshold?	**No**	**No**

Cancer Risk - Unmitigated

Workdays/week 6 <-Update for each project

Days per Age Bin	3rd Tri	0<2	
Start Date:	11/1/2021	2/1/2022	
End Date:	1/31/2022	6/1/2022	0<2 Duration
Total Workdays	**79**	**104**	**0<2 Total Days** (years)
			120 0.33

DPM Emissions

Offroad Heavy Duty Equipment Exhaust					DPM		Days per Age Group		Weighted Emission Rate (g/s)	
Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM10 (lb/day)**	**Daily Emission Rate (g/s)**	**3rd Tri**	**0<2**	**3rd Tri**	**0<2**
Site Preparation	11/1/2021	11/1/2021	1	8	0.12	0.002	1	0	2.48E-05	0.00E+00
Grading/Excavation	11/1/2021	11/10/2021	9	8	1.24	0.020	9	0	2.23E-03	0.00E+00
Trenching	11/1/2021	3/1/2022	104	8	0.00	0.000	79	25	0.00E+00	0.00E+00
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	8	0.92	0.015	53	104	9.73E-03	1.45E-02
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	8	0.53	0.008	5	0	5.32E-04	0.00E+00
Paving	11/13/2021	11/15/2021	2	8	0.22	0.003	2	0	8.81E-05	0.00E+00
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	8	0.07	0.001	0	1	0.00E+00	1.09E-05
								Total	**1.26E-02**	**1.45E-02**

Vendor/Haul Trucks Exhaust					DPM		Days per Age Group		Weighted Emission Rate (g/s)	
Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM10 (lb/day)**	**Daily Emission Rate (g/s)**	**3rd Tri**	**0<2**	**3rd Tri**	**0<2**
Site Preparation	11/1/2021	11/1/2021	1	8	6.54E-04	1.03E-05	1	0	1.30E-07	0.00E+00
Grading/Excavation	11/1/2021	11/10/2021	9	8	6.48E-03	1.02E-04	9	0	1.16E-05	0.00E+00
Trenching	11/1/2021	3/1/2022	104	8	9.81E-04	1.54E-05	79	25	1.54E-05	3.71E-06
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	8	9.81E-04	1.54E-05	53	104	1.04E-05	1.54E-05
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	8	2.61E-03	4.12E-05	5	0	2.61E-06	0.00E+00
Paving	11/13/2021	11/15/2021	2	8	9.81E-04	1.54E-05	2	0	3.91E-07	0.00E+00
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	8	1.85E-04	2.92E-06	0	1	0.00E+00	2.80E-08
								Total	**4.06E-05**	**1.92E-05**

DPM Emission Rates (g/s)		AERMOD Source Group	
Receptors	**Age Bin**	**OFFROAD**	**ONRD_EX**
Resident	3rd Tri	1.26E-02	4.06E-05
Resident	0<2	1.45E-02	1.92E-05

1. DPM emissions from construction equipment during Trenching phase would be related to pipeline installation and would not be onsite. Since the pipeline installation is a linear project, construction activities would not occur for an extended duration of time at any location, thus sensitive receptors would not be exposed for an extended duration. Therefore, Trenching emissions from offroad equipment were not included in the HRA.

Chronic Risk (Non-Cancer) - Unmitigated

Workdays/week	6
Days per Age Bin	**Year 1**
Start Date:	11/1/2021
End Date:	6/1/2022
Total Workdays	**183**

DPM Emissions

Offroad Heavy Duty Equipment Exhaust					DPM		Days per CSTN Year	Weighted Emission Rate (g/s)
Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM_{10}(lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 1**
Site Preparation	11/1/2021	11/1/2021	1	8	0.12	0.002	1	1.07E-05
Grading/Excavation	11/1/2021	11/10/2021	9	8	1.24	0.020	9	9.63E-04
Trenching	11/1/2021	3/1/2022	104	8	0.00	0.000	104	0.00E+00
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	8	0.92	0.015	157	1.24E-02
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	8	0.53	0.008	5	2.30E-04
Paving	11/13/2021	11/15/2021	2	8	0.22	0.003	2	3.80E-05
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	8	0.07	0.001	1	6.21E-06
							Total	**1.37E-02**

Vendor/Haul Trucks Exhaust					DPM		Days per CSTN Year	Weighted Emission Rate (g/s)
Phase Name	**Start**	**End**	**Workdays**	**Daily Usage (hours/day)**	**Daily Exhaust PM_{10} (lb/day)**	**Daily Emission Rate (g/s)**	**Year 1**	**Year 1**
Site Preparation	11/1/2021	11/1/2021	1	8	6.54E-04	1.03E-05	1	5.63E-08
Grading/Excavation	11/1/2021	11/10/2021	9	8	6.48E-03	1.02E-04	9	5.02E-06
Trenching	11/1/2021	3/1/2022	104	8	9.81E-04	1.54E-05	104	8.78E-06
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	8	9.81E-04	1.54E-05	157	1.32E-05
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	8	2.61E-03	4.12E-05	5	1.13E-06
Paving	11/13/2021	11/15/2021	2	8	9.81E-04	1.54E-05	2	1.69E-07
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	8	1.85E-04	2.92E-06	1	1.59E-08
							Total	**2.84E-05**

DPM Emission Rates (g/s)

	AERMOD Source Group	
CSTN Year	**OFFROAD**	**ONRD_EX**
Year 1	1.37E-02	2.84E-05

1. DPM emissions from construction equipment during Trenching phase would be related to pipeline installation and would not be onsite. Since the pipeline installation is a linear project, construction activities would not occur for an extended duration of time at any location, thus sensitive receptors would not be exposed for an extended duration. Therefore, Trenching emissions from offroad equipment were not include in the HRA.

Haul Source Length (m)	Haul Source Length (mi)
1,667.6	1.04

Mobile DPM EMISSIONS

						VENDOR TRUCKS				HAUL TRUCKS				
Phase Name	Start	End	Workdays	Year	Speed (MPH)	Trips per day (In/Out)	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Trips per day (In/Out)	Trip Length (mi)	Exhaust EF (g/mi)	Exhaust Emissions (lb/day)	Total DPM Emissions (lb/day)
Site Preparation	11/1/2021	11/1/2021	1	2021	15	8	1.04	3.58E-02	6.54E-04	0	1.04	2.28E-02	0.00E+00	**6.54E-04**
Grading/Excavation	11/1/2021	11/10/2021	9	2021	15	8	1.04	3.58E-02	6.54E-04	112	1.04	2.28E-02	5.82E-03	**6.48E-03**
Trenching	11/1/2021	3/1/2022	104	2021	15	12	1.04	3.58E-02	9.81E-04	0	1.04	2.28E-02	0.00E+00	**9.81E-04**
Building Construction (GL & Upgrading Facility)	12/1/2021	6/1/2022	157	2021	15	12	1.04	3.58E-02	9.81E-04	0	1.04	2.28E-02	0.00E+00	**9.81E-04**
Building Construction (GL & Upgrading Facility)-Concrete Pour	12/6/2021	12/10/2021	5	2021	15	32	1.04	3.58E-02	2.61E-03	0	1.04	2.28E-02	0.00E+00	**2.61E-03**
Paving	11/13/2021	11/15/2021	2	2021	15	12	1.04	3.58E-02	9.81E-04	0	1.04	2.28E-02	0.00E+00	**9.81E-04**
Installation of Electrical Poles and Transformers	6/1/2022	6/1/2022	1	2022	15	2	1.04	2.66E-02	1.21E-04	2	1.04	1.39E-02	6.37E-05	**1.85E-04**

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6902724144411	690272	4144411	RESIDENT	12.01	8.03
6902774144411	690277	4144411	RESIDENT	10.42	7.04
6902824144411	690282	4144411	RESIDENT	9.07	6.24
6902874144411	690287	4144411	RESIDENT	7.93	5.57
6902924144411	690292	4144411	RESIDENT	6.97	5.01
6902974144411	690297	4144411	RESIDENT	6.15	4.54
6902724144416	690272	4144416	RESIDENT	11.36	8.02
6902774144416	690277	4144416	RESIDENT	9.82	7.04
6902824144416	690282	4144416	RESIDENT	8.52	6.23
6902874144416	690287	4144416	RESIDENT	7.43	5.56
6902924144416	690292	4144416	RESIDENT	6.51	5.01
6902974144416	690297	4144416	RESIDENT	5.74	4.54
6902724144421	690272	4144421	RESIDENT	10.63	8.01
6902774144421	690277	4144421	RESIDENT	9.15	7.03
6902824144421	690282	4144421	RESIDENT	7.92	6.22
6902874144421	690287	4144421	RESIDENT	6.89	5.56
6902924144421	690292	4144421	RESIDENT	6.04	5.00
6902974144421	690297	4144421	RESIDENT	5.32	4.54
6902724144426	690272	4144426	RESIDENT	9.82	8.00
6902774144426	690277	4144426	RESIDENT	8.44	7.02
6902824144426	690282	4144426	RESIDENT	7.29	6.22
6902874144426	690287	4144426	RESIDENT	6.34	5.55
6902924144426	690292	4144426	RESIDENT	5.56	5.00
6902974144426	690297	4144426	RESIDENT	4.90	4.53
6902724144431	690272	4144431	RESIDENT	8.98	7.99
6902774144431	690277	4144431	RESIDENT	7.71	7.01
6902824144431	690282	4144431	RESIDENT	6.66	6.21
6902874144431	690287	4144431	RESIDENT	5.80	5.55
6902924144431	690292	4144431	RESIDENT	5.09	5.00
6902974144431	690297	4144431	RESIDENT	4.50	4.53
6902724144436	690272	4144436	RESIDENT	8.12	7.99
6902774144436	690277	4144436	RESIDENT	6.97	7.01
6902824144436	690282	4144436	RESIDENT	6.03	6.21
6902874144436	690287	4144436	RESIDENT	5.26	5.54
6902924144436	690292	4144436	RESIDENT	4.63	4.99
6902974144436	690297	4144436	RESIDENT	4.11	4.53
6902034144665	690203	4144665	RESIDENT	0.64	3.43
6902084144665	690208	4144665	RESIDENT	0.62	3.81
6902134144665	690213	4144665	RESIDENT	0.61	4.27
6902184144665	690218	4144665	RESIDENT	0.59	4.84
6902234144665	690223	4144665	RESIDENT	0.58	5.55
6902284144665	690228	4144665	RESIDENT	0.56	6.48
6902334144665	690233	4144665	RESIDENT	0.55	6.07
6902034144670	690203	4144670	RESIDENT	0.62	3.44
6902084144670	690208	4144670	RESIDENT	0.60	3.82
6902134144670	690213	4144670	RESIDENT	0.59	4.28
6902184144670	690218	4144670	RESIDENT	0.57	4.84
6902234144670	690223	4144670	RESIDENT	0.56	5.56
6902284144670	690228	4144670	RESIDENT	0.54	6.49

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6902334144670	690233	4144670	RESIDENT	0.53	5.75
6902034144675	690203	4144675	RESIDENT	0.59	3.44
6902084144675	690208	4144675	RESIDENT	0.58	3.82
6902134144675	690213	4144675	RESIDENT	0.56	4.28
6902184144675	690218	4144675	RESIDENT	0.55	4.85
6902234144675	690223	4144675	RESIDENT	0.54	5.57
6902284144675	690228	4144675	RESIDENT	0.52	6.50
6902334144675	690233	4144675	RESIDENT	0.51	5.66
6902034144680	690203	4144680	RESIDENT	0.57	3.44
6902084144680	690208	4144680	RESIDENT	0.56	3.82
6902134144680	690213	4144680	RESIDENT	0.54	4.28
6902184144680	690218	4144680	RESIDENT	0.53	4.85
6902234144680	690223	4144680	RESIDENT	0.52	5.57
6902284144680	690228	4144680	RESIDENT	0.51	6.51
6902334144680	690233	4144680	RESIDENT	0.50	6.09
6902034144685	690203	4144685	RESIDENT	0.55	3.45
6902084144685	690208	4144685	RESIDENT	0.54	3.83
6902134144685	690213	4144685	RESIDENT	0.53	4.29
6902184144685	690218	4144685	RESIDENT	0.51	4.86
6902234144685	690223	4144685	RESIDENT	0.50	5.58
6902284144685	690228	4144685	RESIDENT	0.49	6.52
6902334144685	690233	4144685	RESIDENT	0.48	5.76
6902034144690	690203	4144690	RESIDENT	0.53	3.45
6902084144690	690208	4144690	RESIDENT	0.52	3.83
6902134144690	690213	4144690	RESIDENT	0.51	4.29
6902184144690	690218	4144690	RESIDENT	0.50	4.87
6902234144690	690223	4144690	RESIDENT	0.49	5.59
6902284144690	690228	4144690	RESIDENT	0.47	6.53
6902334144690	690233	4144690	RESIDENT	0.46	5.68
6906094144308	690609	4144308	RESIDENT	0.44	0.50
6906144144308	690614	4144308	RESIDENT	0.43	0.49
6906194144308	690619	4144308	RESIDENT	0.42	0.48
6906244144308	690624	4144308	RESIDENT	0.41	0.47
6906294144308	690629	4144308	RESIDENT	0.40	0.46
6906344144308	690634	4144308	RESIDENT	0.38	0.46
6906394144308	690639	4144308	RESIDENT	0.37	0.45
6906444144308	690644	4144308	RESIDENT	0.37	0.44
6906494144308	690649	4144308	RESIDENT	0.36	0.43
6906544144308	690654	4144308	RESIDENT	0.35	0.43
6906594144308	690659	4144308	RESIDENT	0.34	0.42
6906644144308	690664	4144308	RESIDENT	0.33	0.41
6906694144308	690669	4144308	RESIDENT	0.32	0.41
6906744144308	690674	4144308	RESIDENT	0.32	0.40
6906794144308	690679	4144308	RESIDENT	0.31	0.39
6906844144308	690684	4144308	RESIDENT	0.30	0.39
6906894144308	690689	4144308	RESIDENT	0.29	0.38
6906944144308	690694	4144308	RESIDENT	0.29	0.37
6906994144308	690699	4144308	RESIDENT	0.28	0.37
6906094144313	690609	4144313	RESIDENT	0.43	0.50

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6906144144313	690614	4144313	RESIDENT	0.42	0.49
6906194144313	690619	4144313	RESIDENT	0.41	0.48
6906244144313	690624	4144313	RESIDENT	0.40	0.47
6906294144313	690629	4144313	RESIDENT	0.39	0.46
6906344144313	690634	4144313	RESIDENT	0.38	0.46
6906394144313	690639	4144313	RESIDENT	0.37	0.45
6906444144313	690644	4144313	RESIDENT	0.36	0.44
6906494144313	690649	4144313	RESIDENT	0.35	0.43
6906544144313	690654	4144313	RESIDENT	0.34	0.43
6906594144313	690659	4144313	RESIDENT	0.33	0.42
6906644144313	690664	4144313	RESIDENT	0.32	0.41
6906694144313	690669	4144313	RESIDENT	0.32	0.41
6906744144313	690674	4144313	RESIDENT	0.31	0.40
6906794144313	690679	4144313	RESIDENT	0.30	0.39
6906844144313	690684	4144313	RESIDENT	0.30	0.39
6906894144313	690689	4144313	RESIDENT	0.29	0.38
6906944144313	690694	4144313	RESIDENT	0.28	0.37
6906994144313	690699	4144313	RESIDENT	0.28	0.37
6907044144313	690704	4144313	RESIDENT	0.27	0.36
6906094144318	690609	4144318	RESIDENT	0.42	0.50
6906144144318	690614	4144318	RESIDENT	0.41	0.49
6906194144318	690619	4144318	RESIDENT	0.40	0.48
6906244144318	690624	4144318	RESIDENT	0.39	0.47
6906294144318	690629	4144318	RESIDENT	0.38	0.46
6906344144318	690634	4144318	RESIDENT	0.37	0.45
6906394144318	690639	4144318	RESIDENT	0.36	0.45
6906444144318	690644	4144318	RESIDENT	0.35	0.44
6906494144318	690649	4144318	RESIDENT	0.34	0.43
6906544144318	690654	4144318	RESIDENT	0.33	0.43
6906594144318	690659	4144318	RESIDENT	0.33	0.42
6906644144318	690664	4144318	RESIDENT	0.32	0.41
6906694144318	690669	4144318	RESIDENT	0.31	0.40
6906744144318	690674	4144318	RESIDENT	0.30	0.40
6906794144318	690679	4144318	RESIDENT	0.30	0.39
6906844144318	690684	4144318	RESIDENT	0.29	0.39
6906894144318	690689	4144318	RESIDENT	0.28	0.38
6906944144318	690694	4144318	RESIDENT	0.28	0.37
6906994144318	690699	4144318	RESIDENT	0.27	0.37
6907044144318	690704	4144318	RESIDENT	0.27	0.36
6907094144318	690709	4144318	RESIDENT	0.26	0.36
6907144144318	690714	4144318	RESIDENT	0.25	0.35
6906094144323	690609	4144323	RESIDENT	0.41	0.50
6906144144323	690614	4144323	RESIDENT	0.40	0.49
6906194144323	690619	4144323	RESIDENT	0.39	0.48
6906244144323	690624	4144323	RESIDENT	0.38	0.47
6906294144323	690629	4144323	RESIDENT	0.37	0.46
6906344144323	690634	4144323	RESIDENT	0.36	0.45
6906394144323	690639	4144323	RESIDENT	0.35	0.45
6906444144323	690644	4144323	RESIDENT	0.34	0.44

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6906494144323	690649	4144323	RESIDENT	0.34	0.43
6906544144323	690654	4144323	RESIDENT	0.33	0.42
6906594144323	690659	4144323	RESIDENT	0.32	0.42
6906644144323	690664	4144323	RESIDENT	0.31	0.41
6906694144323	690669	4144323	RESIDENT	0.31	0.40
6906744144323	690674	4144323	RESIDENT	0.30	0.40
6906794144323	690679	4144323	RESIDENT	0.29	0.39
6906844144323	690684	4144323	RESIDENT	0.28	0.39
6906894144323	690689	4144323	RESIDENT	0.28	0.38
6906944144323	690694	4144323	RESIDENT	0.27	0.37
6906994144323	690699	4144323	RESIDENT	0.27	0.37
6907044144323	690704	4144323	RESIDENT	0.26	0.36
6907094144323	690709	4144323	RESIDENT	0.26	0.36
6907144144323	690714	4144323	RESIDENT	0.25	0.35
6906094144328	690609	4144328	RESIDENT	0.41	0.50
6906144144328	690614	4144328	RESIDENT	0.39	0.49
6906194144328	690619	4144328	RESIDENT	0.38	0.48
6906244144328	690624	4144328	RESIDENT	0.37	0.47
6906294144328	690629	4144328	RESIDENT	0.36	0.46
6906344144328	690634	4144328	RESIDENT	0.35	0.45
6906394144328	690639	4144328	RESIDENT	0.35	0.45
6906444144328	690644	4144328	RESIDENT	0.34	0.44
6906494144328	690649	4144328	RESIDENT	0.33	0.43
6906544144328	690654	4144328	RESIDENT	0.32	0.42
6906594144328	690659	4144328	RESIDENT	0.31	0.42
6906644144328	690664	4144328	RESIDENT	0.31	0.41
6906694144328	690669	4144328	RESIDENT	0.30	0.40
6906744144328	690674	4144328	RESIDENT	0.29	0.40
6906794144328	690679	4144328	RESIDENT	0.29	0.39
6906844144328	690684	4144328	RESIDENT	0.28	0.38
6906894144328	690689	4144328	RESIDENT	0.27	0.38
6906944144328	690694	4144328	RESIDENT	0.27	0.37
6906994144328	690699	4144328	RESIDENT	0.26	0.37
6907044144328	690704	4144328	RESIDENT	0.26	0.36
6907094144328	690709	4144328	RESIDENT	0.25	0.36
6907144144328	690714	4144328	RESIDENT	0.25	0.35
6906094144333	690609	4144333	RESIDENT	0.40	0.50
6906144144333	690614	4144333	RESIDENT	0.39	0.49
6906194144333	690619	4144333	RESIDENT	0.38	0.48
6906244144333	690624	4144333	RESIDENT	0.37	0.47
6906294144333	690629	4144333	RESIDENT	0.36	0.46
6906344144333	690634	4144333	RESIDENT	0.35	0.45
6906394144333	690639	4144333	RESIDENT	0.34	0.45
6906444144333	690644	4144333	RESIDENT	0.33	0.44
6906494144333	690649	4144333	RESIDENT	0.32	0.43
6906544144333	690654	4144333	RESIDENT	0.32	0.42
6906594144333	690659	4144333	RESIDENT	0.31	0.42
6906644144333	690664	4144333	RESIDENT	0.30	0.41
6906694144333	690669	4144333	RESIDENT	0.29	0.40

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6906744144333	690674	4144333	RESIDENT	0.29	0.40
6906794144333	690679	4144333	RESIDENT	0.28	0.39
6906844144333	690684	4144333	RESIDENT	0.27	0.38
6906894144333	690689	4144333	RESIDENT	0.27	0.38
6906944144333	690694	4144333	RESIDENT	0.26	0.37
6906994144333	690699	4144333	RESIDENT	0.26	0.37
6907044144333	690704	4144333	RESIDENT	0.25	0.36
6907094144333	690709	4144333	RESIDENT	0.25	0.36
6907144144333	690714	4144333	RESIDENT	0.24	0.35
6906094144338	690609	4144338	RESIDENT	0.39	0.50
6906144144338	690614	4144338	RESIDENT	0.38	0.49
6906194144338	690619	4144338	RESIDENT	0.37	0.48
6906244144338	690624	4144338	RESIDENT	0.36	0.47
6906294144338	690629	4144338	RESIDENT	0.35	0.46
6906344144338	690634	4144338	RESIDENT	0.34	0.45
6906394144338	690639	4144338	RESIDENT	0.33	0.45
6906444144338	690644	4144338	RESIDENT	0.32	0.44
6906494144338	690649	4144338	RESIDENT	0.32	0.43
6906544144338	690654	4144338	RESIDENT	0.31	0.42
6906594144338	690659	4144338	RESIDENT	0.30	0.42
6906644144338	690664	4144338	RESIDENT	0.29	0.41
6906694144338	690669	4144338	RESIDENT	0.29	0.40
6906744144338	690674	4144338	RESIDENT	0.28	0.40
6906794144338	690679	4144338	RESIDENT	0.28	0.39
6906844144338	690684	4144338	RESIDENT	0.27	0.38
6906894144338	690689	4144338	RESIDENT	0.26	0.38
6906944144338	690694	4144338	RESIDENT	0.26	0.37
6906994144338	690699	4144338	RESIDENT	0.25	0.37
6907044144338	690704	4144338	RESIDENT	0.25	0.36
6907094144338	690709	4144338	RESIDENT	0.24	0.35
6907144144338	690714	4144338	RESIDENT	0.24	0.35
6906094144343	690609	4144343	RESIDENT	0.38	0.49
6906144144343	690614	4144343	RESIDENT	0.37	0.49
6906194144343	690619	4144343	RESIDENT	0.36	0.48
6906244144343	690624	4144343	RESIDENT	0.35	0.47
6906294144343	690629	4144343	RESIDENT	0.34	0.46
6906344144343	690634	4144343	RESIDENT	0.33	0.45
6906394144343	690639	4144343	RESIDENT	0.33	0.45
6906444144343	690644	4144343	RESIDENT	0.32	0.44
6906494144343	690649	4144343	RESIDENT	0.31	0.43
6906544144343	690654	4144343	RESIDENT	0.30	0.42
6906594144343	690659	4144343	RESIDENT	0.30	0.42
6906644144343	690664	4144343	RESIDENT	0.29	0.41
6906694144343	690669	4144343	RESIDENT	0.28	0.40
6906744144343	690674	4144343	RESIDENT	0.28	0.40
6906794144343	690679	4144343	RESIDENT	0.27	0.39
6906844144343	690684	4144343	RESIDENT	0.26	0.38
6906894144343	690689	4144343	RESIDENT	0.26	0.38
6906944144343	690694	4144343	RESIDENT	0.25	0.37

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6906994144343	690699	4144343	RESIDENT	0.25	0.37
6907044144343	690704	4144343	RESIDENT	0.24	0.36
6907094144343	690709	4144343	RESIDENT	0.24	0.35
6907144144343	690714	4144343	RESIDENT	0.23	0.35
6906094144348	690609	4144348	RESIDENT	0.37	0.49
6906144144348	690614	4144348	RESIDENT	0.36	0.49
6906194144348	690619	4144348	RESIDENT	0.35	0.48
6906244144348	690624	4144348	RESIDENT	0.34	0.47
6906294144348	690629	4144348	RESIDENT	0.33	0.46
6906344144348	690634	4144348	RESIDENT	0.33	0.45
6906394144348	690639	4144348	RESIDENT	0.32	0.44
6906444144348	690644	4144348	RESIDENT	0.31	0.44
6906494144348	690649	4144348	RESIDENT	0.30	0.43
6906544144348	690654	4144348	RESIDENT	0.30	0.42
6906594144348	690659	4144348	RESIDENT	0.29	0.42
6906644144348	690664	4144348	RESIDENT	0.28	0.41
6906694144348	690669	4144348	RESIDENT	0.28	0.40
6906744144348	690674	4144348	RESIDENT	0.27	0.40
6906794144348	690679	4144348	RESIDENT	0.26	0.39
6906844144348	690684	4144348	RESIDENT	0.26	0.38
6906894144348	690689	4144348	RESIDENT	0.25	0.38
6906944144348	690694	4144348	RESIDENT	0.25	0.37
6906994144348	690699	4144348	RESIDENT	0.24	0.36
6907044144348	690704	4144348	RESIDENT	0.24	0.36
6907094144348	690709	4144348	RESIDENT	0.23	0.35
6907144144348	690714	4144348	RESIDENT	0.23	0.35
6894534144161	689453	4144161	RESIDENT	0.06	0.14
6894584144161	689458	4144161	RESIDENT	0.06	0.14
6894634144161	689463	4144161	RESIDENT	0.07	0.14
6894684144161	689468	4144161	RESIDENT	0.07	0.14
6894734144161	689473	4144161	RESIDENT	0.07	0.15
6894784144161	689478	4144161	RESIDENT	0.07	0.15
6894834144161	689483	4144161	RESIDENT	0.07	0.15
6894884144161	689488	4144161	RESIDENT	0.07	0.15
6894934144161	689493	4144161	RESIDENT	0.07	0.15
6894984144161	689498	4144161	RESIDENT	0.07	0.15
6895034144161	689503	4144161	RESIDENT	0.07	0.15
6895084144161	689508	4144161	RESIDENT	0.07	0.16
6895134144161	689513	4144161	RESIDENT	0.07	0.16
6895184144161	689518	4144161	RESIDENT	0.07	0.16
6895234144161	689523	4144161	RESIDENT	0.07	0.16
6895284144161	689528	4144161	RESIDENT	0.07	0.16
6895334144161	689533	4144161	RESIDENT	0.07	0.16
6895384144161	689538	4144161	RESIDENT	0.07	0.17
6895434144161	689543	4144161	RESIDENT	0.07	0.17
6895484144161	689548	4144161	RESIDENT	0.07	0.17
6895534144161	689553	4144161	RESIDENT	0.07	0.17
6895584144161	689558	4144161	RESIDENT	0.07	0.17
6895634144161	689563	4144161	RESIDENT	0.07	0.17

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895684144161	689568	4144161	RESIDENT	0.07	0.18
6895734144161	689573	4144161	RESIDENT	0.08	0.18
6895784144161	689578	4144161	RESIDENT	0.08	0.18
6895834144161	689583	4144161	RESIDENT	0.08	0.18
6895884144161	689588	4144161	RESIDENT	0.08	0.18
6895934144161	689593	4144161	RESIDENT	0.08	0.18
6895984144161	689598	4144161	RESIDENT	0.08	0.19
6896034144161	689603	4144161	RESIDENT	0.08	0.19
6896084144161	689608	4144161	RESIDENT	0.08	0.19
6896134144161	689613	4144161	RESIDENT	0.08	0.19
6896184144161	689618	4144161	RESIDENT	0.08	0.19
6896234144161	689623	4144161	RESIDENT	0.08	0.20
6896284144161	689628	4144161	RESIDENT	0.08	0.20
6896334144161	689633	4144161	RESIDENT	0.08	0.20
6896384144161	689638	4144161	RESIDENT	0.09	0.20
6896434144161	689643	4144161	RESIDENT	0.09	0.20
6896484144161	689648	4144161	RESIDENT	0.09	0.21
6894534144166	689453	4144166	RESIDENT	0.07	0.14
6894584144166	689458	4144166	RESIDENT	0.07	0.14
6894634144166	689463	4144166	RESIDENT	0.07	0.14
6894684144166	689468	4144166	RESIDENT	0.07	0.15
6894734144166	689473	4144166	RESIDENT	0.07	0.15
6894784144166	689478	4144166	RESIDENT	0.07	0.15
6894834144166	689483	4144166	RESIDENT	0.07	0.15
6894884144166	689488	4144166	RESIDENT	0.07	0.15
6894934144166	689493	4144166	RESIDENT	0.07	0.15
6894984144166	689498	4144166	RESIDENT	0.07	0.15
6895034144166	689503	4144166	RESIDENT	0.07	0.16
6895084144166	689508	4144166	RESIDENT	0.07	0.16
6895134144166	689513	4144166	RESIDENT	0.07	0.16
6895184144166	689518	4144166	RESIDENT	0.07	0.16
6895234144166	689523	4144166	RESIDENT	0.07	0.16
6895284144166	689528	4144166	RESIDENT	0.07	0.16
6895334144166	689533	4144166	RESIDENT	0.07	0.16
6895384144166	689538	4144166	RESIDENT	0.07	0.17
6895434144166	689543	4144166	RESIDENT	0.07	0.17
6895484144166	689548	4144166	RESIDENT	0.07	0.17
6895534144166	689553	4144166	RESIDENT	0.07	0.17
6895584144166	689558	4144166	RESIDENT	0.08	0.17
6895634144166	689563	4144166	RESIDENT	0.08	0.17
6895684144166	689568	4144166	RESIDENT	0.08	0.18
6895734144166	689573	4144166	RESIDENT	0.08	0.18
6895784144166	689578	4144166	RESIDENT	0.08	0.18
6895834144166	689583	4144166	RESIDENT	0.08	0.18
6895884144166	689588	4144166	RESIDENT	0.08	0.18
6895934144166	689593	4144166	RESIDENT	0.08	0.19
6895984144166	689598	4144166	RESIDENT	0.08	0.19
6896034144166	689603	4144166	RESIDENT	0.08	0.19
6896084144166	689608	4144166	RESIDENT	0.08	0.19

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6896134144166	689613	4144166	RESIDENT	0.08	0.19
6896184144166	689618	4144166	RESIDENT	0.08	0.20
6896234144166	689623	4144166	RESIDENT	0.08	0.20
6896284144166	689628	4144166	RESIDENT	0.08	0.20
6896334144166	689633	4144166	RESIDENT	0.09	0.20
6896384144166	689638	4144166	RESIDENT	0.09	0.20
6896434144166	689643	4144166	RESIDENT	0.09	0.21
6896484144166	689648	4144166	RESIDENT	0.09	0.21
6894534144171	689453	4144171	RESIDENT	0.07	0.14
6894584144171	689458	4144171	RESIDENT	0.07	0.14
6894634144171	689463	4144171	RESIDENT	0.07	0.14
6894684144171	689468	4144171	RESIDENT	0.07	0.15
6894734144171	689473	4144171	RESIDENT	0.07	0.15
6894784144171	689478	4144171	RESIDENT	0.07	0.15
6894834144171	689483	4144171	RESIDENT	0.07	0.15
6894884144171	689488	4144171	RESIDENT	0.07	0.15
6894934144171	689493	4144171	RESIDENT	0.07	0.15
6894984144171	689498	4144171	RESIDENT	0.07	0.15
6895034144171	689503	4144171	RESIDENT	0.07	0.16
6895084144171	689508	4144171	RESIDENT	0.07	0.16
6895134144171	689513	4144171	RESIDENT	0.07	0.16
6895184144171	689518	4144171	RESIDENT	0.07	0.16
6895234144171	689523	4144171	RESIDENT	0.07	0.16
6895284144171	689528	4144171	RESIDENT	0.07	0.16
6895334144171	689533	4144171	RESIDENT	0.07	0.17
6895384144171	689538	4144171	RESIDENT	0.07	0.17
6895434144171	689543	4144171	RESIDENT	0.08	0.17
6895484144171	689548	4144171	RESIDENT	0.08	0.17
6895534144171	689553	4144171	RESIDENT	0.08	0.17
6895584144171	689558	4144171	RESIDENT	0.08	0.17
6895634144171	689563	4144171	RESIDENT	0.08	0.17
6895684144171	689568	4144171	RESIDENT	0.08	0.18
6895734144171	689573	4144171	RESIDENT	0.08	0.18
6895784144171	689578	4144171	RESIDENT	0.08	0.18
6895834144171	689583	4144171	RESIDENT	0.08	0.18
6895884144171	689588	4144171	RESIDENT	0.08	0.18
6895934144171	689593	4144171	RESIDENT	0.08	0.19
6895984144171	689598	4144171	RESIDENT	0.08	0.19
6896034144171	689603	4144171	RESIDENT	0.08	0.19
6896084144171	689608	4144171	RESIDENT	0.08	0.19
6896134144171	689613	4144171	RESIDENT	0.08	0.19
6896184144171	689618	4144171	RESIDENT	0.09	0.20
6896234144171	689623	4144171	RESIDENT	0.09	0.20
6896284144171	689628	4144171	RESIDENT	0.09	0.20
6896334144171	689633	4144171	RESIDENT	0.09	0.20
6896384144171	689638	4144171	RESIDENT	0.09	0.20
6896434144171	689643	4144171	RESIDENT	0.09	0.21
6896484144171	689648	4144171	RESIDENT	0.09	0.21
6894534144176	689453	4144176	RESIDENT	0.07	0.14

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6894584144176	689458	4144176	RESIDENT	0.07	0.14
6894634144176	689463	4144176	RESIDENT	0.07	0.15
6894684144176	689468	4144176	RESIDENT	0.07	0.15
6894734144176	689473	4144176	RESIDENT	0.07	0.15
6894784144176	689478	4144176	RESIDENT	0.07	0.15
6894834144176	689483	4144176	RESIDENT	0.07	0.15
6894884144176	689488	4144176	RESIDENT	0.07	0.15
6894934144176	689493	4144176	RESIDENT	0.07	0.15
6894984144176	689498	4144176	RESIDENT	0.07	0.16
6895034144176	689503	4144176	RESIDENT	0.07	0.16
6895084144176	689508	4144176	RESIDENT	0.07	0.16
6895134144176	689513	4144176	RESIDENT	0.07	0.16
6895184144176	689518	4144176	RESIDENT	0.07	0.16
6895234144176	689523	4144176	RESIDENT	0.07	0.16
6895284144176	689528	4144176	RESIDENT	0.08	0.16
6895334144176	689533	4144176	RESIDENT	0.08	0.17
6895384144176	689538	4144176	RESIDENT	0.08	0.17
6895434144176	689543	4144176	RESIDENT	0.08	0.17
6895484144176	689548	4144176	RESIDENT	0.08	0.17
6895534144176	689553	4144176	RESIDENT	0.08	0.17
6895584144176	689558	4144176	RESIDENT	0.08	0.17
6895634144176	689563	4144176	RESIDENT	0.08	0.18
6895684144176	689568	4144176	RESIDENT	0.08	0.18
6895734144176	689573	4144176	RESIDENT	0.08	0.18
6895784144176	689578	4144176	RESIDENT	0.08	0.18
6895834144176	689583	4144176	RESIDENT	0.08	0.18
6895884144176	689588	4144176	RESIDENT	0.08	0.18
6895934144176	689593	4144176	RESIDENT	0.08	0.19
6895984144176	689598	4144176	RESIDENT	0.08	0.19
6896034144176	689603	4144176	RESIDENT	0.08	0.19
6896084144176	689608	4144176	RESIDENT	0.09	0.19
6896134144176	689613	4144176	RESIDENT	0.09	0.19
6896184144176	689618	4144176	RESIDENT	0.09	0.20
6896234144176	689623	4144176	RESIDENT	0.09	0.20
6896284144176	689628	4144176	RESIDENT	0.09	0.20
6896334144176	689633	4144176	RESIDENT	0.09	0.20
6896384144176	689638	4144176	RESIDENT	0.09	0.20
6896434144176	689643	4144176	RESIDENT	0.09	0.21
6896484144176	689648	4144176	RESIDENT	0.09	0.21
6894534144181	689453	4144181	RESIDENT	0.07	0.14
6894584144181	689458	4144181	RESIDENT	0.07	0.14
6894634144181	689463	4144181	RESIDENT	0.07	0.15
6894684144181	689468	4144181	RESIDENT	0.07	0.15
6894734144181	689473	4144181	RESIDENT	0.07	0.15
6894784144181	689478	4144181	RESIDENT	0.07	0.15
6894834144181	689483	4144181	RESIDENT	0.07	0.15
6894884144181	689488	4144181	RESIDENT	0.07	0.15
6894934144181	689493	4144181	RESIDENT	0.07	0.15
6894984144181	689498	4144181	RESIDENT	0.07	0.16

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895034144181	689503	4144181	RESIDENT	0.07	0.16
6895084144181	689508	4144181	RESIDENT	0.08	0.16
6895134144181	689513	4144181	RESIDENT	0.08	0.16
6895184144181	689518	4144181	RESIDENT	0.08	0.16
6895234144181	689523	4144181	RESIDENT	0.08	0.16
6895284144181	689528	4144181	RESIDENT	0.08	0.16
6895334144181	689533	4144181	RESIDENT	0.08	0.17
6895384144181	689538	4144181	RESIDENT	0.08	0.17
6895434144181	689543	4144181	RESIDENT	0.08	0.17
6895484144181	689548	4144181	RESIDENT	0.08	0.17
6895534144181	689553	4144181	RESIDENT	0.08	0.17
6895584144181	689558	4144181	RESIDENT	0.08	0.17
6895634144181	689563	4144181	RESIDENT	0.08	0.18
6895684144181	689568	4144181	RESIDENT	0.08	0.18
6895734144181	689573	4144181	RESIDENT	0.08	0.18
6895784144181	689578	4144181	RESIDENT	0.08	0.18
6895834144181	689583	4144181	RESIDENT	0.08	0.18
6895884144181	689588	4144181	RESIDENT	0.08	0.19
6895934144181	689593	4144181	RESIDENT	0.08	0.19
6895984144181	689598	4144181	RESIDENT	0.09	0.19
6896034144181	689603	4144181	RESIDENT	0.09	0.19
6896084144181	689608	4144181	RESIDENT	0.09	0.19
6896134144181	689613	4144181	RESIDENT	0.09	0.20
6896184144181	689618	4144181	RESIDENT	0.09	0.20
6896234144181	689623	4144181	RESIDENT	0.09	0.20
6896284144181	689628	4144181	RESIDENT	0.09	0.20
6896334144181	689633	4144181	RESIDENT	0.09	0.20
6896384144181	689638	4144181	RESIDENT	0.09	0.21
6896434144181	689643	4144181	RESIDENT	0.09	0.21
6896484144181	689648	4144181	RESIDENT	0.09	0.21
6894534144186	689453	4144186	RESIDENT	0.07	0.14
6894584144186	689458	4144186	RESIDENT	0.07	0.15
6894634144186	689463	4144186	RESIDENT	0.07	0.15
6894684144186	689468	4144186	RESIDENT	0.07	0.15
6894734144186	689473	4144186	RESIDENT	0.07	0.15
6894784144186	689478	4144186	RESIDENT	0.07	0.15
6894834144186	689483	4144186	RESIDENT	0.08	0.15
6894884144186	689488	4144186	RESIDENT	0.08	0.15
6894934144186	689493	4144186	RESIDENT	0.08	0.15
6894984144186	689498	4144186	RESIDENT	0.08	0.16
6895034144186	689503	4144186	RESIDENT	0.08	0.16
6895084144186	689508	4144186	RESIDENT	0.08	0.16
6895134144186	689513	4144186	RESIDENT	0.08	0.16
6895184144186	689518	4144186	RESIDENT	0.08	0.16
6895234144186	689523	4144186	RESIDENT	0.08	0.16
6895284144186	689528	4144186	RESIDENT	0.08	0.17
6895334144186	689533	4144186	RESIDENT	0.08	0.17
6895384144186	689538	4144186	RESIDENT	0.08	0.17
6895434144186	689543	4144186	RESIDENT	0.08	0.17

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6895484144186	689548	4144186	RESIDENT	0.08	0.17
6895534144186	689553	4144186	RESIDENT	0.08	0.17
6895584144186	689558	4144186	RESIDENT	0.08	0.18
6895634144186	689563	4144186	RESIDENT	0.08	0.18
6895684144186	689568	4144186	RESIDENT	0.08	0.18
6895734144186	689573	4144186	RESIDENT	0.08	0.18
6895784144186	689578	4144186	RESIDENT	0.09	0.18
6895834144186	689583	4144186	RESIDENT	0.09	0.18
6895884144186	689588	4144186	RESIDENT	0.09	0.19
6895934144186	689593	4144186	RESIDENT	0.09	0.19
6895984144186	689598	4144186	RESIDENT	0.09	0.19
6896034144186	689603	4144186	RESIDENT	0.09	0.19
6896084144186	689608	4144186	RESIDENT	0.09	0.19
6896134144186	689613	4144186	RESIDENT	0.09	0.20
6896184144186	689618	4144186	RESIDENT	0.09	0.20
6896234144186	689623	4144186	RESIDENT	0.09	0.20
6896284144186	689628	4144186	RESIDENT	0.09	0.20
6896334144186	689633	4144186	RESIDENT	0.09	0.20
6896384144186	689638	4144186	RESIDENT	0.09	0.21
6896434144186	689643	4144186	RESIDENT	0.10	0.21
6896484144186	689648	4144186	RESIDENT	0.10	0.21
6894534144191	689453	4144191	RESIDENT	0.07	0.14
6894584144191	689458	4144191	RESIDENT	0.08	0.15
6894634144191	689463	4144191	RESIDENT	0.08	0.15
6894684144191	689468	4144191	RESIDENT	0.08	0.15
6894734144191	689473	4144191	RESIDENT	0.08	0.15
6894784144191	689478	4144191	RESIDENT	0.08	0.15
6894834144191	689483	4144191	RESIDENT	0.08	0.15
6894884144191	689488	4144191	RESIDENT	0.08	0.15
6894934144191	689493	4144191	RESIDENT	0.08	0.16
6894984144191	689498	4144191	RESIDENT	0.08	0.16
6895034144191	689503	4144191	RESIDENT	0.08	0.16
6895084144191	689508	4144191	RESIDENT	0.08	0.16
6895134144191	689513	4144191	RESIDENT	0.08	0.16
6895184144191	689518	4144191	RESIDENT	0.08	0.16
6895234144191	689523	4144191	RESIDENT	0.08	0.16
6895284144191	689528	4144191	RESIDENT	0.08	0.17
6895334144191	689533	4144191	RESIDENT	0.08	0.17
6895384144191	689538	4144191	RESIDENT	0.08	0.17
6895434144191	689543	4144191	RESIDENT	0.08	0.17
6895484144191	689548	4144191	RESIDENT	0.08	0.17
6895534144191	689553	4144191	RESIDENT	0.08	0.17
6895584144191	689558	4144191	RESIDENT	0.08	0.18
6895634144191	689563	4144191	RESIDENT	0.09	0.18
6895684144191	689568	4144191	RESIDENT	0.09	0.18
6895734144191	689573	4144191	RESIDENT	0.09	0.18
6895784144191	689578	4144191	RESIDENT	0.09	0.18
6895834144191	689583	4144191	RESIDENT	0.09	0.18
6895884144191	689588	4144191	RESIDENT	0.09	0.19

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6895934144191	689593	4144191	RESIDENT	0.09	0.19
6895984144191	689598	4144191	RESIDENT	0.09	0.19
6896034144191	689603	4144191	RESIDENT	0.09	0.19
6896084144191	689608	4144191	RESIDENT	0.09	0.19
6896134144191	689613	4144191	RESIDENT	0.09	0.20
6896184144191	689618	4144191	RESIDENT	0.09	0.20
6896234144191	689623	4144191	RESIDENT	0.09	0.20
6896284144191	689628	4144191	RESIDENT	0.09	0.20
6896334144191	689633	4144191	RESIDENT	0.10	0.20
6896384144191	689638	4144191	RESIDENT	0.10	0.21
6896434144191	689643	4144191	RESIDENT	0.10	0.21
6896484144191	689648	4144191	RESIDENT	0.10	0.21
6894484144196	689448	4144196	RESIDENT	0.08	0.14
6894534144196	689453	4144196	RESIDENT	0.08	0.15
6894584144196	689458	4144196	RESIDENT	0.08	0.15
6894634144196	689463	4144196	RESIDENT	0.08	0.15
6894684144196	689468	4144196	RESIDENT	0.08	0.15
6894734144196	689473	4144196	RESIDENT	0.08	0.15
6894784144196	689478	4144196	RESIDENT	0.08	0.15
6894834144196	689483	4144196	RESIDENT	0.08	0.15
6894884144196	689488	4144196	RESIDENT	0.08	0.15
6894934144196	689493	4144196	RESIDENT	0.08	0.16
6894984144196	689498	4144196	RESIDENT	0.08	0.16
6895034144196	689503	4144196	RESIDENT	0.08	0.16
6895084144196	689508	4144196	RESIDENT	0.08	0.16
6895134144196	689513	4144196	RESIDENT	0.08	0.16
6895184144196	689518	4144196	RESIDENT	0.08	0.16
6895234144196	689523	4144196	RESIDENT	0.08	0.17
6895284144196	689528	4144196	RESIDENT	0.08	0.17
6895334144196	689533	4144196	RESIDENT	0.08	0.17
6895384144196	689538	4144196	RESIDENT	0.08	0.17
6895434144196	689543	4144196	RESIDENT	0.09	0.17
6895484144196	689548	4144196	RESIDENT	0.09	0.17
6895534144196	689553	4144196	RESIDENT	0.09	0.17
6895584144196	689558	4144196	RESIDENT	0.09	0.18
6895634144196	689563	4144196	RESIDENT	0.09	0.18
6895684144196	689568	4144196	RESIDENT	0.09	0.18
6895734144196	689573	4144196	RESIDENT	0.09	0.18
6895784144196	689578	4144196	RESIDENT	0.09	0.18
6895834144196	689583	4144196	RESIDENT	0.09	0.19
6895884144196	689588	4144196	RESIDENT	0.09	0.19
6895934144196	689593	4144196	RESIDENT	0.09	0.19
6895984144196	689598	4144196	RESIDENT	0.09	0.19
6896034144196	689603	4144196	RESIDENT	0.09	0.19
6896084144196	689608	4144196	RESIDENT	0.09	0.20
6896134144196	689613	4144196	RESIDENT	0.09	0.20
6896184144196	689618	4144196	RESIDENT	0.10	0.20
6896234144196	689623	4144196	RESIDENT	0.10	0.20
6896284144196	689628	4144196	RESIDENT	0.10	0.20

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6896334144196	689633	4144196	RESIDENT	0.10	0.21
6896384144196	689638	4144196	RESIDENT	0.10	0.21
6896434144196	689643	4144196	RESIDENT	0.10	0.21
6896484144196	689648	4144196	RESIDENT	0.10	0.21
6894484144201	689448	4144201	RESIDENT	0.08	0.14
6894534144201	689453	4144201	RESIDENT	0.08	0.15
6894584144201	689458	4144201	RESIDENT	0.08	0.15
6894634144201	689463	4144201	RESIDENT	0.08	0.15
6894684144201	689468	4144201	RESIDENT	0.08	0.15
6894734144201	689473	4144201	RESIDENT	0.08	0.15
6894784144201	689478	4144201	RESIDENT	0.08	0.15
6894834144201	689483	4144201	RESIDENT	0.08	0.15
6894884144201	689488	4144201	RESIDENT	0.08	0.16
6894934144201	689493	4144201	RESIDENT	0.08	0.16
6894984144201	689498	4144201	RESIDENT	0.08	0.16
6895034144201	689503	4144201	RESIDENT	0.08	0.16
6895084144201	689508	4144201	RESIDENT	0.08	0.16
6895134144201	689513	4144201	RESIDENT	0.08	0.16
6895184144201	689518	4144201	RESIDENT	0.08	0.16
6895234144201	689523	4144201	RESIDENT	0.09	0.17
6895284144201	689528	4144201	RESIDENT	0.09	0.17
6895334144201	689533	4144201	RESIDENT	0.09	0.17
6895384144201	689538	4144201	RESIDENT	0.09	0.17
6895434144201	689543	4144201	RESIDENT	0.09	0.17
6895484144201	689548	4144201	RESIDENT	0.09	0.17
6895534144201	689553	4144201	RESIDENT	0.09	0.18
6895584144201	689558	4144201	RESIDENT	0.09	0.18
6895634144201	689563	4144201	RESIDENT	0.09	0.18
6895684144201	689568	4144201	RESIDENT	0.09	0.18
6895734144201	689573	4144201	RESIDENT	0.09	0.18
6895784144201	689578	4144201	RESIDENT	0.09	0.18
6895834144201	689583	4144201	RESIDENT	0.09	0.19
6895884144201	689588	4144201	RESIDENT	0.09	0.19
6895934144201	689593	4144201	RESIDENT	0.09	0.19
6895984144201	689598	4144201	RESIDENT	0.09	0.19
6896034144201	689603	4144201	RESIDENT	0.10	0.19
6896084144201	689608	4144201	RESIDENT	0.10	0.20
6896134144201	689613	4144201	RESIDENT	0.10	0.20
6896184144201	689618	4144201	RESIDENT	0.10	0.20
6896234144201	689623	4144201	RESIDENT	0.10	0.20
6896284144201	689628	4144201	RESIDENT	0.10	0.20
6896334144201	689633	4144201	RESIDENT	0.10	0.21
6896384144201	689638	4144201	RESIDENT	0.10	0.21
6896434144201	689643	4144201	RESIDENT	0.10	0.21
6896484144201	689648	4144201	RESIDENT	0.10	0.21
6894484144206	689448	4144206	RESIDENT	0.08	0.15
6894534144206	689453	4144206	RESIDENT	0.08	0.15
6894584144206	689458	4144206	RESIDENT	0.08	0.15
6894634144206	689463	4144206	RESIDENT	0.08	0.15

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6894684144206	689468	4144206	RESIDENT	0.08	0.15
6894734144206	689473	4144206	RESIDENT	0.08	0.15
6894784144206	689478	4144206	RESIDENT	0.08	0.15
6894834144206	689483	4144206	RESIDENT	0.08	0.15
6894884144206	689488	4144206	RESIDENT	0.08	0.16
6894934144206	689493	4144206	RESIDENT	0.08	0.16
6894984144206	689498	4144206	RESIDENT	0.09	0.16
6895034144206	689503	4144206	RESIDENT	0.09	0.16
6895084144206	689508	4144206	RESIDENT	0.09	0.16
6895134144206	689513	4144206	RESIDENT	0.09	0.16
6895184144206	689518	4144206	RESIDENT	0.09	0.16
6895234144206	689523	4144206	RESIDENT	0.09	0.17
6895284144206	689528	4144206	RESIDENT	0.09	0.17
6895334144206	689533	4144206	RESIDENT	0.09	0.17
6895384144206	689538	4144206	RESIDENT	0.09	0.17
6895434144206	689543	4144206	RESIDENT	0.09	0.17
6895484144206	689548	4144206	RESIDENT	0.09	0.17
6895534144206	689553	4144206	RESIDENT	0.09	0.18
6895584144206	689558	4144206	RESIDENT	0.09	0.18
6895634144206	689563	4144206	RESIDENT	0.09	0.18
6895684144206	689568	4144206	RESIDENT	0.09	0.18
6895734144206	689573	4144206	RESIDENT	0.09	0.18
6895784144206	689578	4144206	RESIDENT	0.09	0.18
6895834144206	689583	4144206	RESIDENT	0.10	0.19
6895884144206	689588	4144206	RESIDENT	0.10	0.19
6895934144206	689593	4144206	RESIDENT	0.10	0.19
6895984144206	689598	4144206	RESIDENT	0.10	0.19
6896034144206	689603	4144206	RESIDENT	0.10	0.19
6896084144206	689608	4144206	RESIDENT	0.10	0.20
6896134144206	689613	4144206	RESIDENT	0.10	0.20
6896184144206	689618	4144206	RESIDENT	0.10	0.20
6896234144206	689623	4144206	RESIDENT	0.10	0.20
6896284144206	689628	4144206	RESIDENT	0.10	0.20
6896334144206	689633	4144206	RESIDENT	0.10	0.21
6896384144206	689638	4144206	RESIDENT	0.10	0.21
6896434144206	689643	4144206	RESIDENT	0.11	0.21
6896484144206	689648	4144206	RESIDENT	0.11	0.21
6894484144211	689448	4144211	RESIDENT	0.08	0.15
6894534144211	689453	4144211	RESIDENT	0.08	0.15
6894584144211	689458	4144211	RESIDENT	0.08	0.15
6894634144211	689463	4144211	RESIDENT	0.08	0.15
6894684144211	689468	4144211	RESIDENT	0.08	0.15
6894734144211	689473	4144211	RESIDENT	0.08	0.15
6894784144211	689478	4144211	RESIDENT	0.09	0.15
6894834144211	689483	4144211	RESIDENT	0.09	0.16
6894884144211	689488	4144211	RESIDENT	0.09	0.16
6894934144211	689493	4144211	RESIDENT	0.09	0.16
6894984144211	689498	4144211	RESIDENT	0.09	0.16
6895034144211	689503	4144211	RESIDENT	0.09	0.16

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895084144211	689508	4144211	RESIDENT	0.09	0.16
6895134144211	689513	4144211	RESIDENT	0.09	0.16
6895184144211	689518	4144211	RESIDENT	0.09	0.17
6895234144211	689523	4144211	RESIDENT	0.09	0.17
6895284144211	689528	4144211	RESIDENT	0.09	0.17
6895334144211	689533	4144211	RESIDENT	0.09	0.17
6895384144211	689538	4144211	RESIDENT	0.09	0.17
6895434144211	689543	4144211	RESIDENT	0.09	0.17
6895484144211	689548	4144211	RESIDENT	0.09	0.18
6895534144211	689553	4144211	RESIDENT	0.09	0.18
6895584144211	689558	4144211	RESIDENT	0.09	0.18
6895634144211	689563	4144211	RESIDENT	0.10	0.18
6895684144211	689568	4144211	RESIDENT	0.10	0.18
6895734144211	689573	4144211	RESIDENT	0.10	0.18
6895784144211	689578	4144211	RESIDENT	0.10	0.19
6895834144211	689583	4144211	RESIDENT	0.10	0.19
6895884144211	689588	4144211	RESIDENT	0.10	0.19
6895934144211	689593	4144211	RESIDENT	0.10	0.19
6895984144211	689598	4144211	RESIDENT	0.10	0.19
6896034144211	689603	4144211	RESIDENT	0.10	0.19
6896084144211	689608	4144211	RESIDENT	0.10	0.20
6896134144211	689613	4144211	RESIDENT	0.10	0.20
6896184144211	689618	4144211	RESIDENT	0.10	0.20
6896234144211	689623	4144211	RESIDENT	0.10	0.20
6896284144211	689628	4144211	RESIDENT	0.11	0.21
6896334144211	689633	4144211	RESIDENT	0.11	0.21
6896384144211	689638	4144211	RESIDENT	0.11	0.21
6896434144211	689643	4144211	RESIDENT	0.11	0.21
6896484144211	689648	4144211	RESIDENT	0.11	0.21
6894484144216	689448	4144216	RESIDENT	0.08	0.15
6894534144216	689453	4144216	RESIDENT	0.09	0.15
6894584144216	689458	4144216	RESIDENT	0.09	0.15
6894634144216	689463	4144216	RESIDENT	0.09	0.15
6894684144216	689468	4144216	RESIDENT	0.09	0.15
6894734144216	689473	4144216	RESIDENT	0.09	0.15
6894784144216	689478	4144216	RESIDENT	0.09	0.15
6894834144216	689483	4144216	RESIDENT	0.09	0.16
6894884144216	689488	4144216	RESIDENT	0.09	0.16
6894934144216	689493	4144216	RESIDENT	0.09	0.16
6894984144216	689498	4144216	RESIDENT	0.09	0.16
6895034144216	689503	4144216	RESIDENT	0.09	0.16
6895084144216	689508	4144216	RESIDENT	0.09	0.16
6895134144216	689513	4144216	RESIDENT	0.09	0.16
6895184144216	689518	4144216	RESIDENT	0.09	0.17
6895234144216	689523	4144216	RESIDENT	0.09	0.17
6895284144216	689528	4144216	RESIDENT	0.09	0.17
6895334144216	689533	4144216	RESIDENT	0.09	0.17
6895384144216	689538	4144216	RESIDENT	0.09	0.17
6895434144216	689543	4144216	RESIDENT	0.10	0.17

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895484144216	689548	4144216	RESIDENT	0.10	0.18
6895534144216	689553	4144216	RESIDENT	0.10	0.18
6895584144216	689558	4144216	RESIDENT	0.10	0.18
6895634144216	689563	4144216	RESIDENT	0.10	0.18
6895684144216	689568	4144216	RESIDENT	0.10	0.18
6895734144216	689573	4144216	RESIDENT	0.10	0.18
6895784144216	689578	4144216	RESIDENT	0.10	0.19
6895834144216	689583	4144216	RESIDENT	0.10	0.19
6895884144216	689588	4144216	RESIDENT	0.10	0.19
6895934144216	689593	4144216	RESIDENT	0.10	0.19
6895984144216	689598	4144216	RESIDENT	0.10	0.19
6896034144216	689603	4144216	RESIDENT	0.10	0.20
6896084144216	689608	4144216	RESIDENT	0.10	0.20
6896134144216	689613	4144216	RESIDENT	0.11	0.20
6896184144216	689618	4144216	RESIDENT	0.11	0.20
6896234144216	689623	4144216	RESIDENT	0.11	0.20
6896284144216	689628	4144216	RESIDENT	0.11	0.21
6896334144216	689633	4144216	RESIDENT	0.11	0.21
6896384144216	689638	4144216	RESIDENT	0.11	0.21
6896434144216	689643	4144216	RESIDENT	0.11	0.21
6896484144216	689648	4144216	RESIDENT	0.11	0.21
6894484144221	689448	4144221	RESIDENT	0.09	0.15
6894534144221	689453	4144221	RESIDENT	0.09	0.15
6894584144221	689458	4144221	RESIDENT	0.09	0.15
6894634144221	689463	4144221	RESIDENT	0.09	0.15
6894684144221	689468	4144221	RESIDENT	0.09	0.15
6894734144221	689473	4144221	RESIDENT	0.09	0.15
6894784144221	689478	4144221	RESIDENT	0.09	0.15
6894834144221	689483	4144221	RESIDENT	0.09	0.16
6894884144221	689488	4144221	RESIDENT	0.09	0.16
6894934144221	689493	4144221	RESIDENT	0.09	0.16
6894984144221	689498	4144221	RESIDENT	0.09	0.16
6895034144221	689503	4144221	RESIDENT	0.09	0.16
6895084144221	689508	4144221	RESIDENT	0.09	0.16
6895134144221	689513	4144221	RESIDENT	0.09	0.17
6895184144221	689518	4144221	RESIDENT	0.09	0.17
6895234144221	689523	4144221	RESIDENT	0.10	0.17
6895284144221	689528	4144221	RESIDENT	0.10	0.17
6895334144221	689533	4144221	RESIDENT	0.10	0.17
6895384144221	689538	4144221	RESIDENT	0.10	0.17
6895434144221	689543	4144221	RESIDENT	0.10	0.17
6895484144221	689548	4144221	RESIDENT	0.10	0.18
6895534144221	689553	4144221	RESIDENT	0.10	0.18
6895584144221	689558	4144221	RESIDENT	0.10	0.18
6895634144221	689563	4144221	RESIDENT	0.10	0.18
6895684144221	689568	4144221	RESIDENT	0.10	0.18
6895734144221	689573	4144221	RESIDENT	0.10	0.18
6895784144221	689578	4144221	RESIDENT	0.10	0.19
6895834144221	689583	4144221	RESIDENT	0.10	0.19

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895884144221	689588	4144221	RESIDENT	0.10	0.19
6895934144221	689593	4144221	RESIDENT	0.11	0.19
6895984144221	689598	4144221	RESIDENT	0.11	0.19
6896034144221	689603	4144221	RESIDENT	0.11	0.20
6896084144221	689608	4144221	RESIDENT	0.11	0.20
6896134144221	689613	4144221	RESIDENT	0.11	0.20
6896184144221	689618	4144221	RESIDENT	0.11	0.20
6896234144221	689623	4144221	RESIDENT	0.11	0.20
6896284144221	689628	4144221	RESIDENT	0.11	0.21
6896334144221	689633	4144221	RESIDENT	0.11	0.21
6896384144221	689638	4144221	RESIDENT	0.11	0.21
6896434144221	689643	4144221	RESIDENT	0.11	0.21
6896484144221	689648	4144221	RESIDENT	0.12	0.22
6894484144226	689448	4144226	RESIDENT	0.09	0.15
6894534144226	689453	4144226	RESIDENT	0.09	0.15
6894584144226	689458	4144226	RESIDENT	0.09	0.15
6894634144226	689463	4144226	RESIDENT	0.09	0.15
6894684144226	689468	4144226	RESIDENT	0.09	0.15
6894734144226	689473	4144226	RESIDENT	0.09	0.15
6894784144226	689478	4144226	RESIDENT	0.09	0.16
6894834144226	689483	4144226	RESIDENT	0.09	0.16
6894884144226	689488	4144226	RESIDENT	0.09	0.16
6894934144226	689493	4144226	RESIDENT	0.09	0.16
6894984144226	689498	4144226	RESIDENT	0.10	0.16
6895034144226	689503	4144226	RESIDENT	0.10	0.16
6895084144226	689508	4144226	RESIDENT	0.10	0.16
6895134144226	689513	4144226	RESIDENT	0.10	0.17
6895184144226	689518	4144226	RESIDENT	0.10	0.17
6895234144226	689523	4144226	RESIDENT	0.10	0.17
6895284144226	689528	4144226	RESIDENT	0.10	0.17
6895334144226	689533	4144226	RESIDENT	0.10	0.17
6895384144226	689538	4144226	RESIDENT	0.10	0.17
6895434144226	689543	4144226	RESIDENT	0.10	0.18
6895484144226	689548	4144226	RESIDENT	0.10	0.18
6895534144226	689553	4144226	RESIDENT	0.10	0.18
6895584144226	689558	4144226	RESIDENT	0.10	0.18
6895634144226	689563	4144226	RESIDENT	0.10	0.18
6895684144226	689568	4144226	RESIDENT	0.10	0.18
6895734144226	689573	4144226	RESIDENT	0.11	0.19
6895784144226	689578	4144226	RESIDENT	0.11	0.19
6895834144226	689583	4144226	RESIDENT	0.11	0.19
6895884144226	689588	4144226	RESIDENT	0.11	0.19
6895934144226	689593	4144226	RESIDENT	0.11	0.19
6895984144226	689598	4144226	RESIDENT	0.11	0.19
6896034144226	689603	4144226	RESIDENT	0.11	0.20
6896084144226	689608	4144226	RESIDENT	0.11	0.20
6896134144226	689613	4144226	RESIDENT	0.11	0.20
6896184144226	689618	4144226	RESIDENT	0.11	0.20
6896234144226	689623	4144226	RESIDENT	0.11	0.20

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6896284144226	689628	4144226	RESIDENT	0.12	0.21
6896334144226	689633	4144226	RESIDENT	0.12	0.21
6896384144226	689638	4144226	RESIDENT	0.12	0.21
6896434144226	689643	4144226	RESIDENT	0.12	0.21
6896484144226	689648	4144226	RESIDENT	0.12	0.22
6894484144231	689448	4144231	RESIDENT	0.09	0.15
6894534144231	689453	4144231	RESIDENT	0.09	0.15
6894584144231	689458	4144231	RESIDENT	0.09	0.15
6894634144231	689463	4144231	RESIDENT	0.09	0.15
6894684144231	689468	4144231	RESIDENT	0.09	0.15
6894734144231	689473	4144231	RESIDENT	0.09	0.15
6894784144231	689478	4144231	RESIDENT	0.10	0.16
6894834144231	689483	4144231	RESIDENT	0.10	0.16
6894884144231	689488	4144231	RESIDENT	0.10	0.16
6894934144231	689493	4144231	RESIDENT	0.10	0.16
6894984144231	689498	4144231	RESIDENT	0.10	0.16
6895034144231	689503	4144231	RESIDENT	0.10	0.16
6895084144231	689508	4144231	RESIDENT	0.10	0.16
6895134144231	689513	4144231	RESIDENT	0.10	0.17
6895184144231	689518	4144231	RESIDENT	0.10	0.17
6895234144231	689523	4144231	RESIDENT	0.10	0.17
6895284144231	689528	4144231	RESIDENT	0.10	0.17
6895334144231	689533	4144231	RESIDENT	0.10	0.17
6895384144231	689538	4144231	RESIDENT	0.10	0.17
6895434144231	689543	4144231	RESIDENT	0.10	0.18
6895484144231	689548	4144231	RESIDENT	0.10	0.18
6895534144231	689553	4144231	RESIDENT	0.11	0.18
6895584144231	689558	4144231	RESIDENT	0.11	0.18
6895634144231	689563	4144231	RESIDENT	0.11	0.18
6895684144231	689568	4144231	RESIDENT	0.11	0.18
6895734144231	689573	4144231	RESIDENT	0.11	0.19
6895784144231	689578	4144231	RESIDENT	0.11	0.19
6895834144231	689583	4144231	RESIDENT	0.11	0.19
6895884144231	689588	4144231	RESIDENT	0.11	0.19
6895934144231	689593	4144231	RESIDENT	0.11	0.19
6895984144231	689598	4144231	RESIDENT	0.11	0.20
6896034144231	689603	4144231	RESIDENT	0.11	0.20
6896084144231	689608	4144231	RESIDENT	0.11	0.20
6896134144231	689613	4144231	RESIDENT	0.12	0.20
6896184144231	689618	4144231	RESIDENT	0.12	0.20
6896234144231	689623	4144231	RESIDENT	0.12	0.21
6896284144231	689628	4144231	RESIDENT	0.12	0.21
6896334144231	689633	4144231	RESIDENT	0.12	0.21
6896384144231	689638	4144231	RESIDENT	0.12	0.21
6896434144231	689643	4144231	RESIDENT	0.12	0.21
6896484144231	689648	4144231	RESIDENT	0.12	0.22
6894484144236	689448	4144236	RESIDENT	0.09	0.15
6894534144236	689453	4144236	RESIDENT	0.09	0.15
6894584144236	689458	4144236	RESIDENT	0.10	0.15

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6894634144236	689463	4144236	RESIDENT	0.10	0.15
6894684144236	689468	4144236	RESIDENT	0.10	0.15
6894734144236	689473	4144236	RESIDENT	0.10	0.16
6894784144236	689478	4144236	RESIDENT	0.10	0.16
6894834144236	689483	4144236	RESIDENT	0.10	0.16
6894884144236	689488	4144236	RESIDENT	0.10	0.16
6894934144236	689493	4144236	RESIDENT	0.10	0.16
6894984144236	689498	4144236	RESIDENT	0.10	0.16
6895034144236	689503	4144236	RESIDENT	0.10	0.16
6895084144236	689508	4144236	RESIDENT	0.10	0.17
6895134144236	689513	4144236	RESIDENT	0.10	0.17
6895184144236	689518	4144236	RESIDENT	0.10	0.17
6895234144236	689523	4144236	RESIDENT	0.10	0.17
6895284144236	689528	4144236	RESIDENT	0.10	0.17
6895334144236	689533	4144236	RESIDENT	0.11	0.17
6895384144236	689538	4144236	RESIDENT	0.11	0.17
6895434144236	689543	4144236	RESIDENT	0.11	0.18
6895484144236	689548	4144236	RESIDENT	0.11	0.18
6895534144236	689553	4144236	RESIDENT	0.11	0.18
6895584144236	689558	4144236	RESIDENT	0.11	0.18
6895634144236	689563	4144236	RESIDENT	0.11	0.18
6895684144236	689568	4144236	RESIDENT	0.11	0.18
6895734144236	689573	4144236	RESIDENT	0.11	0.19
6895784144236	689578	4144236	RESIDENT	0.11	0.19
6895834144236	689583	4144236	RESIDENT	0.11	0.19
6895884144236	689588	4144236	RESIDENT	0.11	0.19
6895934144236	689593	4144236	RESIDENT	0.12	0.19
6895984144236	689598	4144236	RESIDENT	0.12	0.20
6896034144236	689603	4144236	RESIDENT	0.12	0.20
6896084144236	689608	4144236	RESIDENT	0.12	0.20
6896134144236	689613	4144236	RESIDENT	0.12	0.20
6896184144236	689618	4144236	RESIDENT	0.12	0.20
6896234144236	689623	4144236	RESIDENT	0.12	0.21
6896284144236	689628	4144236	RESIDENT	0.12	0.21
6896334144236	689633	4144236	RESIDENT	0.12	0.21
6896384144236	689638	4144236	RESIDENT	0.12	0.21
6896434144236	689643	4144236	RESIDENT	0.13	0.21
6896484144236	689648	4144236	RESIDENT	0.13	0.22
6894484144241	689448	4144241	RESIDENT	0.10	0.15
6894534144241	689453	4144241	RESIDENT	0.10	0.15
6894584144241	689458	4144241	RESIDENT	0.10	0.15
6894634144241	689463	4144241	RESIDENT	0.10	0.15
6894684144241	689468	4144241	RESIDENT	0.10	0.15
6894734144241	689473	4144241	RESIDENT	0.10	0.16
6894784144241	689478	4144241	RESIDENT	0.10	0.16
6894834144241	689483	4144241	RESIDENT	0.10	0.16
6894884144241	689488	4144241	RESIDENT	0.10	0.16
6894934144241	689493	4144241	RESIDENT	0.10	0.16
6894984144241	689498	4144241	RESIDENT	0.10	0.16

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6895034144241	689503	4144241	RESIDENT	0.10	0.16
6895084144241	689508	4144241	RESIDENT	0.10	0.17
6895134144241	689513	4144241	RESIDENT	0.11	0.17
6895184144241	689518	4144241	RESIDENT	0.11	0.17
6895234144241	689523	4144241	RESIDENT	0.11	0.17
6895284144241	689528	4144241	RESIDENT	0.11	0.17
6895334144241	689533	4144241	RESIDENT	0.11	0.17
6895384144241	689538	4144241	RESIDENT	0.11	0.18
6895434144241	689543	4144241	RESIDENT	0.11	0.18
6895484144241	689548	4144241	RESIDENT	0.11	0.18
6895534144241	689553	4144241	RESIDENT	0.11	0.18
6895584144241	689558	4144241	RESIDENT	0.11	0.18
6895634144241	689563	4144241	RESIDENT	0.11	0.18
6895684144241	689568	4144241	RESIDENT	0.11	0.19
6895734144241	689573	4144241	RESIDENT	0.12	0.19
6895784144241	689578	4144241	RESIDENT	0.12	0.19
6895834144241	689583	4144241	RESIDENT	0.12	0.19
6895884144241	689588	4144241	RESIDENT	0.12	0.19
6895934144241	689593	4144241	RESIDENT	0.12	0.19
6895984144241	689598	4144241	RESIDENT	0.12	0.20
6896034144241	689603	4144241	RESIDENT	0.12	0.20
6896084144241	689608	4144241	RESIDENT	0.12	0.20
6896134144241	689613	4144241	RESIDENT	0.12	0.20
6896184144241	689618	4144241	RESIDENT	0.12	0.20
6896234144241	689623	4144241	RESIDENT	0.13	0.21
6896284144241	689628	4144241	RESIDENT	0.13	0.21
6896334144241	689633	4144241	RESIDENT	0.13	0.21
6896384144241	689638	4144241	RESIDENT	0.13	0.21
6896434144241	689643	4144241	RESIDENT	0.13	0.22
6896484144241	689648	4144241	RESIDENT	0.13	0.22
6894484144246	689448	4144246	RESIDENT	0.10	0.15
6894534144246	689453	4144246	RESIDENT	0.10	0.15
6894584144246	689458	4144246	RESIDENT	0.10	0.15
6894634144246	689463	4144246	RESIDENT	0.10	0.15
6894684144246	689468	4144246	RESIDENT	0.10	0.15
6894734144246	689473	4144246	RESIDENT	0.10	0.16
6894784144246	689478	4144246	RESIDENT	0.10	0.16
6894834144246	689483	4144246	RESIDENT	0.10	0.16
6894884144246	689488	4144246	RESIDENT	0.10	0.16
6894934144246	689493	4144246	RESIDENT	0.11	0.16
6894984144246	689498	4144246	RESIDENT	0.11	0.16
6895034144246	689503	4144246	RESIDENT	0.11	0.16
6895084144246	689508	4144246	RESIDENT	0.11	0.17
6895134144246	689513	4144246	RESIDENT	0.11	0.17
6895184144246	689518	4144246	RESIDENT	0.11	0.17
6895234144246	689523	4144246	RESIDENT	0.11	0.17
6895284144246	689528	4144246	RESIDENT	0.11	0.17
6895334144246	689533	4144246	RESIDENT	0.11	0.17
6895384144246	689538	4144246	RESIDENT	0.11	0.18

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895434144246	689543	4144246	RESIDENT	0.11	0.18
6895484144246	689548	4144246	RESIDENT	0.11	0.18
6895534144246	689553	4144246	RESIDENT	0.12	0.18
6895584144246	689558	4144246	RESIDENT	0.12	0.18
6895634144246	689563	4144246	RESIDENT	0.12	0.18
6895684144246	689568	4144246	RESIDENT	0.12	0.19
6895734144246	689573	4144246	RESIDENT	0.12	0.19
6895784144246	689578	4144246	RESIDENT	0.12	0.19
6895834144246	689583	4144246	RESIDENT	0.12	0.19
6895884144246	689588	4144246	RESIDENT	0.12	0.19
6895934144246	689593	4144246	RESIDENT	0.12	0.20
6895984144246	689598	4144246	RESIDENT	0.12	0.20
6896034144246	689603	4144246	RESIDENT	0.13	0.20
6896084144246	689608	4144246	RESIDENT	0.13	0.20
6896134144246	689613	4144246	RESIDENT	0.13	0.20
6896184144246	689618	4144246	RESIDENT	0.13	0.21
6896234144246	689623	4144246	RESIDENT	0.13	0.21
6896284144246	689628	4144246	RESIDENT	0.13	0.21
6896334144246	689633	4144246	RESIDENT	0.13	0.21
6896384144246	689638	4144246	RESIDENT	0.13	0.21
6896434144246	689643	4144246	RESIDENT	0.13	0.22
6896484144246	689648	4144246	RESIDENT	0.14	0.22
6894484144251	689448	4144251	RESIDENT	0.10	0.15
6894534144251	689453	4144251	RESIDENT	0.10	0.15
6894584144251	689458	4144251	RESIDENT	0.10	0.15
6894634144251	689463	4144251	RESIDENT	0.10	0.15
6894684144251	689468	4144251	RESIDENT	0.10	0.16
6894734144251	689473	4144251	RESIDENT	0.11	0.16
6894784144251	689478	4144251	RESIDENT	0.11	0.16
6894834144251	689483	4144251	RESIDENT	0.11	0.16
6894884144251	689488	4144251	RESIDENT	0.11	0.16
6894934144251	689493	4144251	RESIDENT	0.11	0.16
6894984144251	689498	4144251	RESIDENT	0.11	0.16
6895034144251	689503	4144251	RESIDENT	0.11	0.17
6895084144251	689508	4144251	RESIDENT	0.11	0.17
6895134144251	689513	4144251	RESIDENT	0.11	0.17
6895184144251	689518	4144251	RESIDENT	0.11	0.17
6895234144251	689523	4144251	RESIDENT	0.11	0.17
6895284144251	689528	4144251	RESIDENT	0.11	0.17
6895334144251	689533	4144251	RESIDENT	0.12	0.17
6895384144251	689538	4144251	RESIDENT	0.12	0.18
6895434144251	689543	4144251	RESIDENT	0.12	0.18
6895484144251	689548	4144251	RESIDENT	0.12	0.18
6895534144251	689553	4144251	RESIDENT	0.12	0.18
6895584144251	689558	4144251	RESIDENT	0.12	0.18
6895634144251	689563	4144251	RESIDENT	0.12	0.18
6895684144251	689568	4144251	RESIDENT	0.12	0.19
6895734144251	689573	4144251	RESIDENT	0.12	0.19
6895784144251	689578	4144251	RESIDENT	0.12	0.19

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6895834144251	689583	4144251	RESIDENT	0.12	0.19
6895884144251	689588	4144251	RESIDENT	0.13	0.19
6895934144251	689593	4144251	RESIDENT	0.13	0.20
6895984144251	689598	4144251	RESIDENT	0.13	0.20
6896034144251	689603	4144251	RESIDENT	0.13	0.20
6896084144251	689608	4144251	RESIDENT	0.13	0.20
6896134144251	689613	4144251	RESIDENT	0.13	0.20
6896184144251	689618	4144251	RESIDENT	0.13	0.21
6896234144251	689623	4144251	RESIDENT	0.13	0.21
6896284144251	689628	4144251	RESIDENT	0.14	0.21
6896334144251	689633	4144251	RESIDENT	0.14	0.21
6896384144251	689638	4144251	RESIDENT	0.14	0.21
6896434144251	689643	4144251	RESIDENT	0.14	0.22
6896484144251	689648	4144251	RESIDENT	0.14	0.22
6894534144256	689453	4144256	RESIDENT	0.11	0.15
6894584144256	689458	4144256	RESIDENT	0.11	0.15
6894634144256	689463	4144256	RESIDENT	0.11	0.15
6894684144256	689468	4144256	RESIDENT	0.11	0.16
6894734144256	689473	4144256	RESIDENT	0.11	0.16
6894784144256	689478	4144256	RESIDENT	0.11	0.16
6894834144256	689483	4144256	RESIDENT	0.11	0.16
6894884144256	689488	4144256	RESIDENT	0.11	0.16
6894934144256	689493	4144256	RESIDENT	0.11	0.16
6894984144256	689498	4144256	RESIDENT	0.11	0.16
6895034144256	689503	4144256	RESIDENT	0.11	0.17
6895084144256	689508	4144256	RESIDENT	0.11	0.17
6895134144256	689513	4144256	RESIDENT	0.12	0.17
6895184144256	689518	4144256	RESIDENT	0.12	0.17
6895234144256	689523	4144256	RESIDENT	0.12	0.17
6895284144256	689528	4144256	RESIDENT	0.12	0.17
6895334144256	689533	4144256	RESIDENT	0.12	0.18
6895384144256	689538	4144256	RESIDENT	0.12	0.18
6895434144256	689543	4144256	RESIDENT	0.12	0.18
6895484144256	689548	4144256	RESIDENT	0.12	0.18
6895534144256	689553	4144256	RESIDENT	0.12	0.18
6895584144256	689558	4144256	RESIDENT	0.12	0.18
6895634144256	689563	4144256	RESIDENT	0.12	0.19
6895684144256	689568	4144256	RESIDENT	0.13	0.19
6895734144256	689573	4144256	RESIDENT	0.13	0.19
6895784144256	689578	4144256	RESIDENT	0.13	0.19
6895834144256	689583	4144256	RESIDENT	0.13	0.19
6895884144256	689588	4144256	RESIDENT	0.13	0.19
6895934144256	689593	4144256	RESIDENT	0.13	0.20
6895984144256	689598	4144256	RESIDENT	0.13	0.20
6896034144256	689603	4144256	RESIDENT	0.13	0.20
6896084144256	689608	4144256	RESIDENT	0.13	0.20
6896134144256	689613	4144256	RESIDENT	0.14	0.20
6896184144256	689618	4144256	RESIDENT	0.14	0.21
6896234144256	689623	4144256	RESIDENT	0.14	0.21

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6896284144256	689628	4144256	RESIDENT	0.14	0.21
6896334144256	689633	4144256	RESIDENT	0.14	0.21
6896384144256	689638	4144256	RESIDENT	0.14	0.21
6896434144256	689643	4144256	RESIDENT	0.14	0.22
6896484144256	689648	4144256	RESIDENT	0.14	0.22
6894634144261	689463	4144261	RESIDENT	0.11	0.16
6894684144261	689468	4144261	RESIDENT	0.11	0.16
6894734144261	689473	4144261	RESIDENT	0.11	0.16
6894784144261	689478	4144261	RESIDENT	0.11	0.16
6894834144261	689483	4144261	RESIDENT	0.11	0.16
6894884144261	689488	4144261	RESIDENT	0.11	0.16
6894934144261	689493	4144261	RESIDENT	0.11	0.16
6894984144261	689498	4144261	RESIDENT	0.12	0.16
6895034144261	689503	4144261	RESIDENT	0.12	0.17
6895084144261	689508	4144261	RESIDENT	0.12	0.17
6895134144261	689513	4144261	RESIDENT	0.12	0.17
6895184144261	689518	4144261	RESIDENT	0.12	0.17
6895234144261	689523	4144261	RESIDENT	0.12	0.17
6895284144261	689528	4144261	RESIDENT	0.12	0.17
6895334144261	689533	4144261	RESIDENT	0.12	0.18
6895384144261	689538	4144261	RESIDENT	0.12	0.18
6895434144261	689543	4144261	RESIDENT	0.12	0.18
6895484144261	689548	4144261	RESIDENT	0.13	0.18
6895534144261	689553	4144261	RESIDENT	0.13	0.18
6895584144261	689558	4144261	RESIDENT	0.13	0.18
6895634144261	689563	4144261	RESIDENT	0.13	0.19
6895684144261	689568	4144261	RESIDENT	0.13	0.19
6895734144261	689573	4144261	RESIDENT	0.13	0.19
6895784144261	689578	4144261	RESIDENT	0.13	0.19
6895834144261	689583	4144261	RESIDENT	0.13	0.19
6895884144261	689588	4144261	RESIDENT	0.13	0.19
6895934144261	689593	4144261	RESIDENT	0.14	0.20
6895984144261	689598	4144261	RESIDENT	0.14	0.20
6896034144261	689603	4144261	RESIDENT	0.14	0.20
6896084144261	689608	4144261	RESIDENT	0.14	0.20
6896134144261	689613	4144261	RESIDENT	0.14	0.20
6896184144261	689618	4144261	RESIDENT	0.14	0.21
6896234144261	689623	4144261	RESIDENT	0.14	0.21
6896284144261	689628	4144261	RESIDENT	0.14	0.21
6896334144261	689633	4144261	RESIDENT	0.15	0.21
6896384144261	689638	4144261	RESIDENT	0.15	0.22
6896434144261	689643	4144261	RESIDENT	0.15	0.22
6896484144261	689648	4144261	RESIDENT	0.15	0.22
6894684144266	689468	4144266	RESIDENT	0.11	0.16
6894734144266	689473	4144266	RESIDENT	0.11	0.16
6894784144266	689478	4144266	RESIDENT	0.11	0.16
6894834144266	689483	4144266	RESIDENT	0.12	0.16
6894884144266	689488	4144266	RESIDENT	0.12	0.16
6894934144266	689493	4144266	RESIDENT	0.12	0.16

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6894984144266	689498	4144266	RESIDENT	0.12	0.17
6895034144266	689503	4144266	RESIDENT	0.12	0.17
6895084144266	689508	4144266	RESIDENT	0.12	0.17
6895134144266	689513	4144266	RESIDENT	0.12	0.17
6895184144266	689518	4144266	RESIDENT	0.12	0.17
6895234144266	689523	4144266	RESIDENT	0.12	0.17
6895284144266	689528	4144266	RESIDENT	0.12	0.17
6895334144266	689533	4144266	RESIDENT	0.13	0.18
6895384144266	689538	4144266	RESIDENT	0.13	0.18
6895434144266	689543	4144266	RESIDENT	0.13	0.18
6895484144266	689548	4144266	RESIDENT	0.13	0.18
6895534144266	689553	4144266	RESIDENT	0.13	0.18
6895584144266	689558	4144266	RESIDENT	0.13	0.18
6895634144266	689563	4144266	RESIDENT	0.13	0.19
6895684144266	689568	4144266	RESIDENT	0.13	0.19
6895734144266	689573	4144266	RESIDENT	0.13	0.19
6895784144266	689578	4144266	RESIDENT	0.14	0.19
6895834144266	689583	4144266	RESIDENT	0.14	0.19
6895884144266	689588	4144266	RESIDENT	0.14	0.20
6895934144266	689593	4144266	RESIDENT	0.14	0.20
6895984144266	689598	4144266	RESIDENT	0.14	0.20
6896034144266	689603	4144266	RESIDENT	0.14	0.20
6896084144266	689608	4144266	RESIDENT	0.14	0.20
6896134144266	689613	4144266	RESIDENT	0.14	0.21
6896184144266	689618	4144266	RESIDENT	0.15	0.21
6896234144266	689623	4144266	RESIDENT	0.15	0.21
6896284144266	689628	4144266	RESIDENT	0.15	0.21
6896334144266	689633	4144266	RESIDENT	0.15	0.21
6896384144266	689638	4144266	RESIDENT	0.15	0.22
6896434144266	689643	4144266	RESIDENT	0.15	0.22
6896484144266	689648	4144266	RESIDENT	0.16	0.22
6894834144271	689483	4144271	RESIDENT	0.12	0.16
6894884144271	689488	4144271	RESIDENT	0.12	0.16
6894934144271	689493	4144271	RESIDENT	0.12	0.16
6894984144271	689498	4144271	RESIDENT	0.12	0.17
6895034144271	689503	4144271	RESIDENT	0.12	0.17
6895084144271	689508	4144271	RESIDENT	0.12	0.17
6895134144271	689513	4144271	RESIDENT	0.12	0.17
6895184144271	689518	4144271	RESIDENT	0.13	0.17
6895234144271	689523	4144271	RESIDENT	0.13	0.17
6895284144271	689528	4144271	RESIDENT	0.13	0.18
6895334144271	689533	4144271	RESIDENT	0.13	0.18
6895384144271	689538	4144271	RESIDENT	0.13	0.18
6895434144271	689543	4144271	RESIDENT	0.13	0.18
6895484144271	689548	4144271	RESIDENT	0.13	0.18
6895534144271	689553	4144271	RESIDENT	0.13	0.18
6895584144271	689558	4144271	RESIDENT	0.14	0.19
6895634144271	689563	4144271	RESIDENT	0.14	0.19
6895684144271	689568	4144271	RESIDENT	0.14	0.19

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895734144271	689573	4144271	RESIDENT	0.14	0.19
6895784144271	689578	4144271	RESIDENT	0.14	0.19
6895834144271	689583	4144271	RESIDENT	0.14	0.19
6895884144271	689588	4144271	RESIDENT	0.14	0.20
6895934144271	689593	4144271	RESIDENT	0.14	0.20
6895984144271	689598	4144271	RESIDENT	0.15	0.20
6896034144271	689603	4144271	RESIDENT	0.15	0.20
6896084144271	689608	4144271	RESIDENT	0.15	0.20
6896134144271	689613	4144271	RESIDENT	0.15	0.21
6896184144271	689618	4144271	RESIDENT	0.15	0.21
6896234144271	689623	4144271	RESIDENT	0.15	0.21
6896284144271	689628	4144271	RESIDENT	0.15	0.21
6896334144271	689633	4144271	RESIDENT	0.16	0.21
6896384144271	689638	4144271	RESIDENT	0.16	0.22
6896434144271	689643	4144271	RESIDENT	0.16	0.22
6896484144271	689648	4144271	RESIDENT	0.16	0.22
6894984144276	689498	4144276	RESIDENT	0.13	0.17
6895034144276	689503	4144276	RESIDENT	0.13	0.17
6895084144276	689508	4144276	RESIDENT	0.13	0.17
6895134144276	689513	4144276	RESIDENT	0.13	0.17
6895184144276	689518	4144276	RESIDENT	0.13	0.17
6895234144276	689523	4144276	RESIDENT	0.13	0.17
6895284144276	689528	4144276	RESIDENT	0.13	0.18
6895334144276	689533	4144276	RESIDENT	0.13	0.18
6895384144276	689538	4144276	RESIDENT	0.13	0.18
6895434144276	689543	4144276	RESIDENT	0.14	0.18
6895484144276	689548	4144276	RESIDENT	0.14	0.18
6895534144276	689553	4144276	RESIDENT	0.14	0.18
6895584144276	689558	4144276	RESIDENT	0.14	0.19
6895634144276	689563	4144276	RESIDENT	0.14	0.19
6895684144276	689568	4144276	RESIDENT	0.14	0.19
6895734144276	689573	4144276	RESIDENT	0.14	0.19
6895784144276	689578	4144276	RESIDENT	0.14	0.19
6895834144276	689583	4144276	RESIDENT	0.15	0.19
6895884144276	689588	4144276	RESIDENT	0.15	0.20
6895934144276	689593	4144276	RESIDENT	0.15	0.20
6895984144276	689598	4144276	RESIDENT	0.15	0.20
6896034144276	689603	4144276	RESIDENT	0.15	0.20
6896084144276	689608	4144276	RESIDENT	0.15	0.20
6896134144276	689613	4144276	RESIDENT	0.15	0.21
6896184144276	689618	4144276	RESIDENT	0.16	0.21
6896234144276	689623	4144276	RESIDENT	0.16	0.21
6896284144276	689628	4144276	RESIDENT	0.16	0.21
6896334144276	689633	4144276	RESIDENT	0.16	0.21
6896384144276	689638	4144276	RESIDENT	0.16	0.22
6896434144276	689643	4144276	RESIDENT	0.16	0.22
6896484144276	689648	4144276	RESIDENT	0.17	0.22
6895134144281	689513	4144281	RESIDENT	0.13	0.17
6895184144281	689518	4144281	RESIDENT	0.13	0.17

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6895234144281	689523	4144281	RESIDENT	0.13	0.17
6895284144281	689528	4144281	RESIDENT	0.14	0.18
6895334144281	689533	4144281	RESIDENT	0.14	0.18
6895384144281	689538	4144281	RESIDENT	0.14	0.18
6895434144281	689543	4144281	RESIDENT	0.14	0.18
6895484144281	689548	4144281	RESIDENT	0.14	0.18
6895534144281	689553	4144281	RESIDENT	0.14	0.18
6895584144281	689558	4144281	RESIDENT	0.14	0.19
6895634144281	689563	4144281	RESIDENT	0.14	0.19
6895684144281	689568	4144281	RESIDENT	0.15	0.19
6895734144281	689573	4144281	RESIDENT	0.15	0.19
6895784144281	689578	4144281	RESIDENT	0.15	0.19
6895834144281	689583	4144281	RESIDENT	0.15	0.20
6895884144281	689588	4144281	RESIDENT	0.15	0.20
6895934144281	689593	4144281	RESIDENT	0.15	0.20
6895984144281	689598	4144281	RESIDENT	0.15	0.20
6896034144281	689603	4144281	RESIDENT	0.16	0.20
6896084144281	689608	4144281	RESIDENT	0.16	0.20
6896134144281	689613	4144281	RESIDENT	0.16	0.21
6896184144281	689618	4144281	RESIDENT	0.16	0.21
6896234144281	689623	4144281	RESIDENT	0.16	0.21
6896284144281	689628	4144281	RESIDENT	0.16	0.21
6896334144281	689633	4144281	RESIDENT	0.17	0.22
6896384144281	689638	4144281	RESIDENT	0.17	0.22
6896434144281	689643	4144281	RESIDENT	0.17	0.22
6896484144281	689648	4144281	RESIDENT	0.17	0.22
6895334144286	689533	4144286	RESIDENT	0.14	0.18
6895384144286	689538	4144286	RESIDENT	0.14	0.18
6895434144286	689543	4144286	RESIDENT	0.14	0.18
6895484144286	689548	4144286	RESIDENT	0.14	0.18
6895534144286	689553	4144286	RESIDENT	0.15	0.18
6895584144286	689558	4144286	RESIDENT	0.15	0.19
6895634144286	689563	4144286	RESIDENT	0.15	0.19
6895684144286	689568	4144286	RESIDENT	0.15	0.19
6895734144286	689573	4144286	RESIDENT	0.15	0.19
6895784144286	689578	4144286	RESIDENT	0.15	0.19
6895834144286	689583	4144286	RESIDENT	0.15	0.20
6895884144286	689588	4144286	RESIDENT	0.16	0.20
6895934144286	689593	4144286	RESIDENT	0.16	0.20
6895984144286	689598	4144286	RESIDENT	0.16	0.20
6896034144286	689603	4144286	RESIDENT	0.16	0.20
6896084144286	689608	4144286	RESIDENT	0.16	0.21
6896134144286	689613	4144286	RESIDENT	0.16	0.21
6896184144286	689618	4144286	RESIDENT	0.17	0.21
6896234144286	689623	4144286	RESIDENT	0.17	0.21
6896284144286	689628	4144286	RESIDENT	0.17	0.21
6896334144286	689633	4144286	RESIDENT	0.17	0.22
6896384144286	689638	4144286	RESIDENT	0.17	0.22
6896434144286	689643	4144286	RESIDENT	0.18	0.22

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6896484144286	689648	4144286	RESIDENT	0.18	0.22
6895484144291	689548	4144291	RESIDENT	0.15	0.18
6895534144291	689553	4144291	RESIDENT	0.15	0.19
6895584144291	689558	4144291	RESIDENT	0.15	0.19
6895634144291	689563	4144291	RESIDENT	0.15	0.19
6895684144291	689568	4144291	RESIDENT	0.15	0.19
6895734144291	689573	4144291	RESIDENT	0.16	0.19
6895784144291	689578	4144291	RESIDENT	0.16	0.19
6895834144291	689583	4144291	RESIDENT	0.16	0.20
6895884144291	689588	4144291	RESIDENT	0.16	0.20
6895934144291	689593	4144291	RESIDENT	0.16	0.20
6895984144291	689598	4144291	RESIDENT	0.16	0.20
6896034144291	689603	4144291	RESIDENT	0.17	0.20
6896084144291	689608	4144291	RESIDENT	0.17	0.21
6896134144291	689613	4144291	RESIDENT	0.17	0.21
6896184144291	689618	4144291	RESIDENT	0.17	0.21
6896234144291	689623	4144291	RESIDENT	0.17	0.21
6896284144291	689628	4144291	RESIDENT	0.18	0.21
6896334144291	689633	4144291	RESIDENT	0.18	0.22
6896384144291	689638	4144291	RESIDENT	0.18	0.22
6896434144291	689643	4144291	RESIDENT	0.18	0.22
6896484144291	689648	4144291	RESIDENT	0.18	0.22
6895684144296	689568	4144296	RESIDENT	0.16	0.19
6895734144296	689573	4144296	RESIDENT	0.16	0.19
6895784144296	689578	4144296	RESIDENT	0.16	0.19
6895834144296	689583	4144296	RESIDENT	0.16	0.20
6895884144296	689588	4144296	RESIDENT	0.17	0.20
6895934144296	689593	4144296	RESIDENT	0.17	0.20
6895984144296	689598	4144296	RESIDENT	0.17	0.20
6896034144296	689603	4144296	RESIDENT	0.17	0.20
6896084144296	689608	4144296	RESIDENT	0.17	0.21
6896134144296	689613	4144296	RESIDENT	0.18	0.21
6896184144296	689618	4144296	RESIDENT	0.18	0.21
6896234144296	689623	4144296	RESIDENT	0.18	0.21
6896284144296	689628	4144296	RESIDENT	0.18	0.21
6896334144296	689633	4144296	RESIDENT	0.18	0.22
6896384144296	689638	4144296	RESIDENT	0.19	0.22
6896434144296	689643	4144296	RESIDENT	0.19	0.22
6896484144296	689648	4144296	RESIDENT	0.19	0.22
6895884144301	689588	4144301	RESIDENT	0.17	0.20
6895934144301	689593	4144301	RESIDENT	0.17	0.20
6895984144301	689598	4144301	RESIDENT	0.17	0.20
6896034144301	689603	4144301	RESIDENT	0.18	0.20
6896084144301	689608	4144301	RESIDENT	0.18	0.21
6896134144301	689613	4144301	RESIDENT	0.18	0.21
6896184144301	689618	4144301	RESIDENT	0.18	0.21
6896234144301	689623	4144301	RESIDENT	0.19	0.21
6896284144301	689628	4144301	RESIDENT	0.19	0.22
6896334144301	689633	4144301	RESIDENT	0.19	0.22

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6896384144301	689638	4144301	RESIDENT	0.19	0.22
6896434144301	689643	4144301	RESIDENT	0.19	0.22
6896484144301	689648	4144301	RESIDENT	0.20	0.22
6896134144306	689613	4144306	RESIDENT	0.19	0.21
6896184144306	689618	4144306	RESIDENT	0.19	0.21
6896234144306	689623	4144306	RESIDENT	0.19	0.21
6896284144306	689628	4144306	RESIDENT	0.19	0.22
6896334144306	689633	4144306	RESIDENT	0.20	0.22
6896384144306	689638	4144306	RESIDENT	0.20	0.22
6896434144306	689643	4144306	RESIDENT	0.20	0.22
6896484144306	689648	4144306	RESIDENT	0.20	0.22
6896434144311	689643	4144311	RESIDENT	0.21	0.22
6896484144311	689648	4144311	RESIDENT	0.21	0.23
6896024144443	689602	4144443	RESIDENT	0.36	0.22
6896074144443	689607	4144443	RESIDENT	0.36	0.22
6896124144443	689612	4144443	RESIDENT	0.37	0.22
6896174144443	689617	4144443	RESIDENT	0.38	0.22
6896224144443	689622	4144443	RESIDENT	0.39	0.22
6896274144443	689627	4144443	RESIDENT	0.40	0.23
6896324144443	689632	4144443	RESIDENT	0.40	0.23
6896374144443	689637	4144443	RESIDENT	0.41	0.23
6896424144443	689642	4144443	RESIDENT	0.42	0.23
6896474144443	689647	4144443	RESIDENT	0.43	0.23
6896524144443	689652	4144443	RESIDENT	0.44	0.24
6896574144443	689657	4144443	RESIDENT	0.45	0.24
6896624144443	689662	4144443	RESIDENT	0.46	0.24
6896674144443	689667	4144443	RESIDENT	0.47	0.24
6896724144443	689672	4144443	RESIDENT	0.48	0.25
6896024144448	689602	4144448	RESIDENT	0.37	0.22
6896074144448	689607	4144448	RESIDENT	0.37	0.22
6896124144448	689612	4144448	RESIDENT	0.38	0.22
6896174144448	689617	4144448	RESIDENT	0.39	0.22
6896224144448	689622	4144448	RESIDENT	0.40	0.22
6896274144448	689627	4144448	RESIDENT	0.41	0.23
6896324144448	689632	4144448	RESIDENT	0.41	0.23
6896374144448	689637	4144448	RESIDENT	0.42	0.23
6896424144448	689642	4144448	RESIDENT	0.43	0.23
6896474144448	689647	4144448	RESIDENT	0.44	0.23
6896524144448	689652	4144448	RESIDENT	0.45	0.24
6896574144448	689657	4144448	RESIDENT	0.46	0.24
6896624144448	689662	4144448	RESIDENT	0.47	0.24
6896674144448	689667	4144448	RESIDENT	0.48	0.24
6896724144448	689672	4144448	RESIDENT	0.50	0.25
6896024144453	689602	4144453	RESIDENT	0.38	0.22
6896074144453	689607	4144453	RESIDENT	0.38	0.22
6896124144453	689612	4144453	RESIDENT	0.39	0.22
6896174144453	689617	4144453	RESIDENT	0.40	0.22
6896224144453	689622	4144453	RESIDENT	0.41	0.22
6896274144453	689627	4144453	RESIDENT	0.42	0.23

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6896324144453	689632	4144453	RESIDENT	0.43	0.23
6896374144453	689637	4144453	RESIDENT	0.43	0.23
6896424144453	689642	4144453	RESIDENT	0.44	0.23
6896474144453	689647	4144453	RESIDENT	0.45	0.23
6896524144453	689652	4144453	RESIDENT	0.47	0.24
6896574144453	689657	4144453	RESIDENT	0.48	0.24
6896624144453	689662	4144453	RESIDENT	0.49	0.24
6896674144453	689667	4144453	RESIDENT	0.50	0.24
6896724144453	689672	4144453	RESIDENT	0.51	0.25
6896024144458	689602	4144458	RESIDENT	0.39	0.22
6896074144458	689607	4144458	RESIDENT	0.39	0.22
6896124144458	689612	4144458	RESIDENT	0.40	0.22
6896174144458	689617	4144458	RESIDENT	0.41	0.22
6896224144458	689622	4144458	RESIDENT	0.42	0.22
6896274144458	689627	4144458	RESIDENT	0.43	0.23
6896324144458	689632	4144458	RESIDENT	0.44	0.23
6896374144458	689637	4144458	RESIDENT	0.45	0.23
6896424144458	689642	4144458	RESIDENT	0.46	0.23
6896474144458	689647	4144458	RESIDENT	0.47	0.24
6896524144458	689652	4144458	RESIDENT	0.48	0.24
6896574144458	689657	4144458	RESIDENT	0.49	0.24
6896624144458	689662	4144458	RESIDENT	0.50	0.24
6896674144458	689667	4144458	RESIDENT	0.51	0.24
6896724144458	689672	4144458	RESIDENT	0.53	0.25
6896024144463	689602	4144463	RESIDENT	0.39	0.22
6896074144463	689607	4144463	RESIDENT	0.40	0.22
6896124144463	689612	4144463	RESIDENT	0.41	0.22
6896174144463	689617	4144463	RESIDENT	0.42	0.22
6896224144463	689622	4144463	RESIDENT	0.43	0.22
6896274144463	689627	4144463	RESIDENT	0.44	0.23
6896324144463	689632	4144463	RESIDENT	0.45	0.23
6896374144463	689637	4144463	RESIDENT	0.46	0.23
6896424144463	689642	4144463	RESIDENT	0.47	0.23
6896474144463	689647	4144463	RESIDENT	0.48	0.24
6896524144463	689652	4144463	RESIDENT	0.49	0.24
6896574144463	689657	4144463	RESIDENT	0.50	0.24
6896624144463	689662	4144463	RESIDENT	0.52	0.24
6896674144463	689667	4144463	RESIDENT	0.53	0.24
6896724144463	689672	4144463	RESIDENT	0.54	0.25
6896024144468	689602	4144468	RESIDENT	0.41	0.22
6896074144468	689607	4144468	RESIDENT	0.41	0.22
6896124144468	689612	4144468	RESIDENT	0.42	0.22
6896174144468	689617	4144468	RESIDENT	0.43	0.22
6896224144468	689622	4144468	RESIDENT	0.44	0.22
6896274144468	689627	4144468	RESIDENT	0.45	0.23
6896324144468	689632	4144468	RESIDENT	0.46	0.23
6896374144468	689637	4144468	RESIDENT	0.47	0.23
6896424144468	689642	4144468	RESIDENT	0.48	0.23
6896474144468	689647	4144468	RESIDENT	0.50	0.24

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6896524144468	689652	4144468	RESIDENT	0.51	0.24
6896574144468	689657	4144468	RESIDENT	0.52	0.24
6896624144468	689662	4144468	RESIDENT	0.53	0.24
6896674144468	689667	4144468	RESIDENT	0.55	0.25
6896724144468	689672	4144468	RESIDENT	0.56	0.25
6896024144473	689602	4144473	RESIDENT	0.42	0.22
6896074144473	689607	4144473	RESIDENT	0.43	0.22
6896124144473	689612	4144473	RESIDENT	0.43	0.22
6896174144473	689617	4144473	RESIDENT	0.44	0.22
6896224144473	689622	4144473	RESIDENT	0.45	0.22
6896274144473	689627	4144473	RESIDENT	0.46	0.23
6896324144473	689632	4144473	RESIDENT	0.48	0.23
6896374144473	689637	4144473	RESIDENT	0.49	0.23
6896424144473	689642	4144473	RESIDENT	0.50	0.23
6896474144473	689647	4144473	RESIDENT	0.51	0.24
6896524144473	689652	4144473	RESIDENT	0.52	0.24
6896574144473	689657	4144473	RESIDENT	0.54	0.24
6896624144473	689662	4144473	RESIDENT	0.55	0.24
6896674144473	689667	4144473	RESIDENT	0.56	0.25
6896724144473	689672	4144473	RESIDENT	0.58	0.25
6896024144478	689602	4144478	RESIDENT	0.43	0.22
6896074144478	689607	4144478	RESIDENT	0.44	0.22
6896124144478	689612	4144478	RESIDENT	0.45	0.22
6896174144478	689617	4144478	RESIDENT	0.46	0.22
6896224144478	689622	4144478	RESIDENT	0.47	0.23
6896274144478	689627	4144478	RESIDENT	0.48	0.23
6896324144478	689632	4144478	RESIDENT	0.49	0.23
6896374144478	689637	4144478	RESIDENT	0.50	0.23
6896424144478	689642	4144478	RESIDENT	0.51	0.23
6896474144478	689647	4144478	RESIDENT	0.53	0.24
6896524144478	689652	4144478	RESIDENT	0.54	0.24
6896574144478	689657	4144478	RESIDENT	0.55	0.24
6896624144478	689662	4144478	RESIDENT	0.57	0.24
6896674144478	689667	4144478	RESIDENT	0.58	0.25
6896724144478	689672	4144478	RESIDENT	0.60	0.25
6896024144483	689602	4144483	RESIDENT	0.44	0.22
6896074144483	689607	4144483	RESIDENT	0.45	0.22
6896124144483	689612	4144483	RESIDENT	0.46	0.22
6896174144483	689617	4144483	RESIDENT	0.47	0.22
6896224144483	689622	4144483	RESIDENT	0.48	0.23
6896274144483	689627	4144483	RESIDENT	0.49	0.23
6896324144483	689632	4144483	RESIDENT	0.50	0.23
6896374144483	689637	4144483	RESIDENT	0.52	0.23
6896424144483	689642	4144483	RESIDENT	0.53	0.23
6896474144483	689647	4144483	RESIDENT	0.54	0.24
6896524144483	689652	4144483	RESIDENT	0.56	0.24
6896574144483	689657	4144483	RESIDENT	0.57	0.24
6896624144483	689662	4144483	RESIDENT	0.58	0.24
6896674144483	689667	4144483	RESIDENT	0.60	0.25

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6896724144483	689672	4144483	RESIDENT	0.62	0.25
6896024144488	689602	4144488	RESIDENT	0.45	0.22
6896074144488	689607	4144488	RESIDENT	0.46	0.22
6896124144488	689612	4144488	RESIDENT	0.47	0.22
6896174144488	689617	4144488	RESIDENT	0.48	0.22
6896224144488	689622	4144488	RESIDENT	0.49	0.23
6896274144488	689627	4144488	RESIDENT	0.51	0.23
6896324144488	689632	4144488	RESIDENT	0.52	0.23
6896374144488	689637	4144488	RESIDENT	0.53	0.23
6896424144488	689642	4144488	RESIDENT	0.54	0.23
6896474144488	689647	4144488	RESIDENT	0.56	0.24
6896524144488	689652	4144488	RESIDENT	0.57	0.24
6896574144488	689657	4144488	RESIDENT	0.59	0.24
6896624144488	689662	4144488	RESIDENT	0.60	0.24
6896674144488	689667	4144488	RESIDENT	0.62	0.25
6896724144488	689672	4144488	RESIDENT	0.63	0.25
6904044143506	690404	4143506	RESIDENT	0.15	0.93
6904094143506	690409	4143506	RESIDENT	0.15	0.90
6904144143506	690414	4143506	RESIDENT	0.16	0.88
6904194143506	690419	4143506	RESIDENT	0.16	0.86
6904244143506	690424	4143506	RESIDENT	0.16	0.84
6904294143506	690429	4143506	RESIDENT	0.16	0.82
6904344143506	690434	4143506	RESIDENT	0.17	0.80
6904394143506	690439	4143506	RESIDENT	0.17	0.78
6904444143506	690444	4143506	RESIDENT	0.17	0.76
6904494143506	690449	4143506	RESIDENT	0.17	0.75
6904544143506	690454	4143506	RESIDENT	0.18	0.73
6904594143506	690459	4143506	RESIDENT	0.18	0.71
6904644143506	690464	4143506	RESIDENT	0.18	0.70
6904694143506	690469	4143506	RESIDENT	0.18	0.68
6904744143506	690474	4143506	RESIDENT	0.19	0.67
6904794143506	690479	4143506	RESIDENT	0.19	0.66
6904844143506	690484	4143506	RESIDENT	0.19	0.64
6904894143506	690489	4143506	RESIDENT	0.19	0.63
6904944143506	690494	4143506	RESIDENT	0.20	0.62
6904994143506	690499	4143506	RESIDENT	0.20	0.60
6904044143511	690404	4143511	RESIDENT	0.16	0.95
6904094143511	690409	4143511	RESIDENT	0.16	0.92
6904144143511	690414	4143511	RESIDENT	0.16	0.90
6904194143511	690419	4143511	RESIDENT	0.16	0.88
6904244143511	690424	4143511	RESIDENT	0.16	0.85
6904294143511	690429	4143511	RESIDENT	0.17	0.83
6904344143511	690434	4143511	RESIDENT	0.17	0.81
6904394143511	690439	4143511	RESIDENT	0.17	0.79
6904444143511	690444	4143511	RESIDENT	0.17	0.78
6904494143511	690449	4143511	RESIDENT	0.18	0.76
6904544143511	690454	4143511	RESIDENT	0.18	0.74
6904594143511	690459	4143511	RESIDENT	0.18	0.72
6904644143511	690464	4143511	RESIDENT	0.18	0.71

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6904694143511	690469	4143511	RESIDENT	0.19	0.69
6904744143511	690474	4143511	RESIDENT	0.19	0.68
6904794143511	690479	4143511	RESIDENT	0.19	0.66
6904844143511	690484	4143511	RESIDENT	0.19	0.65
6904894143511	690489	4143511	RESIDENT	0.20	0.63
6904944143511	690494	4143511	RESIDENT	0.20	0.62
6904994143511	690499	4143511	RESIDENT	0.20	0.61
6904044143516	690404	4143516	RESIDENT	0.16	0.97
6904094143516	690409	4143516	RESIDENT	0.16	0.94
6904144143516	690414	4143516	RESIDENT	0.16	0.91
6904194143516	690419	4143516	RESIDENT	0.17	0.89
6904244143516	690424	4143516	RESIDENT	0.17	0.87
6904294143516	690429	4143516	RESIDENT	0.17	0.85
6904344143516	690434	4143516	RESIDENT	0.17	0.83
6904394143516	690439	4143516	RESIDENT	0.18	0.81
6904444143516	690444	4143516	RESIDENT	0.18	0.79
6904494143516	690449	4143516	RESIDENT	0.18	0.77
6904544143516	690454	4143516	RESIDENT	0.18	0.75
6904594143516	690459	4143516	RESIDENT	0.18	0.73
6904644143516	690464	4143516	RESIDENT	0.19	0.72
6904694143516	690469	4143516	RESIDENT	0.19	0.70
6904744143516	690474	4143516	RESIDENT	0.19	0.68
6904794143516	690479	4143516	RESIDENT	0.19	0.67
6904844143516	690484	4143516	RESIDENT	0.20	0.65
6904894143516	690489	4143516	RESIDENT	0.20	0.64
6904944143516	690494	4143516	RESIDENT	0.20	0.63
6904994143516	690499	4143516	RESIDENT	0.20	0.61
6904044143521	690404	4143521	RESIDENT	0.16	0.98
6904094143521	690409	4143521	RESIDENT	0.16	0.96
6904144143521	690414	4143521	RESIDENT	0.17	0.93
6904194143521	690419	4143521	RESIDENT	0.17	0.91
6904244143521	690424	4143521	RESIDENT	0.17	0.88
6904294143521	690429	4143521	RESIDENT	0.17	0.86
6904344143521	690434	4143521	RESIDENT	0.18	0.84
6904394143521	690439	4143521	RESIDENT	0.18	0.82
6904444143521	690444	4143521	RESIDENT	0.18	0.80
6904494143521	690449	4143521	RESIDENT	0.18	0.78
6904544143521	690454	4143521	RESIDENT	0.19	0.76
6904594143521	690459	4143521	RESIDENT	0.19	0.74
6904644143521	690464	4143521	RESIDENT	0.19	0.72
6904694143521	690469	4143521	RESIDENT	0.19	0.71
6904744143521	690474	4143521	RESIDENT	0.20	0.69
6904794143521	690479	4143521	RESIDENT	0.20	0.68
6904844143521	690484	4143521	RESIDENT	0.20	0.66
6904894143521	690489	4143521	RESIDENT	0.20	0.65
6904944143521	690494	4143521	RESIDENT	0.20	0.63
6904994143521	690499	4143521	RESIDENT	0.21	0.62
6904044143526	690404	4143526	RESIDENT	0.16	1.00
6904094143526	690409	4143526	RESIDENT	0.17	0.97

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6904144143526	690414	4143526	RESIDENT	0.17	0.95
6904194143526	690419	4143526	RESIDENT	0.17	0.92
6904244143526	690424	4143526	RESIDENT	0.17	0.89
6904294143526	690429	4143526	RESIDENT	0.18	0.87
6904344143526	690434	4143526	RESIDENT	0.18	0.85
6904394143526	690439	4143526	RESIDENT	0.18	0.83
6904444143526	690444	4143526	RESIDENT	0.18	0.81
6904494143526	690449	4143526	RESIDENT	0.19	0.79
6904544143526	690454	4143526	RESIDENT	0.19	0.77
6904594143526	690459	4143526	RESIDENT	0.19	0.75
6904644143526	690464	4143526	RESIDENT	0.19	0.73
6904694143526	690469	4143526	RESIDENT	0.20	0.71
6904744143526	690474	4143526	RESIDENT	0.20	0.70
6904794143526	690479	4143526	RESIDENT	0.20	0.68
6904844143526	690484	4143526	RESIDENT	0.20	0.67
6904894143526	690489	4143526	RESIDENT	0.21	0.65
6904944143526	690494	4143526	RESIDENT	0.21	0.64
6904994143526	690499	4143526	RESIDENT	0.21	0.62
6904044143531	690404	4143531	RESIDENT	0.17	1.02
6904094143531	690409	4143531	RESIDENT	0.17	0.99
6904144143531	690414	4143531	RESIDENT	0.17	0.96
6904194143531	690419	4143531	RESIDENT	0.17	0.93
6904244143531	690424	4143531	RESIDENT	0.18	0.91
6904294143531	690429	4143531	RESIDENT	0.18	0.88
6904344143531	690434	4143531	RESIDENT	0.18	0.86
6904394143531	690439	4143531	RESIDENT	0.18	0.84
6904444143531	690444	4143531	RESIDENT	0.19	0.81
6904494143531	690449	4143531	RESIDENT	0.19	0.79
6904544143531	690454	4143531	RESIDENT	0.19	0.77
6904594143531	690459	4143531	RESIDENT	0.19	0.75
6904644143531	690464	4143531	RESIDENT	0.20	0.74
6904694143531	690469	4143531	RESIDENT	0.20	0.72
6904744143531	690474	4143531	RESIDENT	0.20	0.70
6904794143531	690479	4143531	RESIDENT	0.20	0.69
6904844143531	690484	4143531	RESIDENT	0.21	0.67
6904894143531	690489	4143531	RESIDENT	0.21	0.66
6904944143531	690494	4143531	RESIDENT	0.21	0.64
6904994143531	690499	4143531	RESIDENT	0.21	0.63
6904044143536	690404	4143536	RESIDENT	0.17	1.04
6904094143536	690409	4143536	RESIDENT	0.17	1.00
6904144143536	690414	4143536	RESIDENT	0.17	0.97
6904194143536	690419	4143536	RESIDENT	0.18	0.95
6904244143536	690424	4143536	RESIDENT	0.18	0.92
6904294143536	690429	4143536	RESIDENT	0.18	0.89
6904344143536	690434	4143536	RESIDENT	0.18	0.87
6904394143536	690439	4143536	RESIDENT	0.19	0.85
6904444143536	690444	4143536	RESIDENT	0.19	0.82
6904494143536	690449	4143536	RESIDENT	0.19	0.80
6904544143536	690454	4143536	RESIDENT	0.20	0.78

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6904594143536	690459	4143536	RESIDENT	0.20	0.76
6904644143536	690464	4143536	RESIDENT	0.20	0.74
6904694143536	690469	4143536	RESIDENT	0.20	0.73
6904744143536	690474	4143536	RESIDENT	0.21	0.71
6904794143536	690479	4143536	RESIDENT	0.21	0.69
6904844143536	690484	4143536	RESIDENT	0.21	0.68
6904894143536	690489	4143536	RESIDENT	0.21	0.66
6904944143536	690494	4143536	RESIDENT	0.22	0.65
6904994143536	690499	4143536	RESIDENT	0.22	0.63
6904044143541	690404	4143541	RESIDENT	0.17	1.05
6904094143541	690409	4143541	RESIDENT	0.17	1.02
6904144143541	690414	4143541	RESIDENT	0.18	0.99
6904194143541	690419	4143541	RESIDENT	0.18	0.96
6904244143541	690424	4143541	RESIDENT	0.18	0.93
6904294143541	690429	4143541	RESIDENT	0.19	0.90
6904344143541	690434	4143541	RESIDENT	0.19	0.88
6904394143541	690439	4143541	RESIDENT	0.19	0.85
6904444143541	690444	4143541	RESIDENT	0.19	0.83
6904494143541	690449	4143541	RESIDENT	0.20	0.81
6904544143541	690454	4143541	RESIDENT	0.20	0.79
6904594143541	690459	4143541	RESIDENT	0.20	0.77
6904644143541	690464	4143541	RESIDENT	0.20	0.75
6904694143541	690469	4143541	RESIDENT	0.21	0.73
6904744143541	690474	4143541	RESIDENT	0.21	0.71
6904794143541	690479	4143541	RESIDENT	0.21	0.70
6904844143541	690484	4143541	RESIDENT	0.21	0.68
6904894143541	690489	4143541	RESIDENT	0.22	0.67
6904944143541	690494	4143541	RESIDENT	0.22	0.65
6904994143541	690499	4143541	RESIDENT	0.22	0.64
6904044143546	690404	4143546	RESIDENT	0.17	1.07
6904094143546	690409	4143546	RESIDENT	0.18	1.03
6904144143546	690414	4143546	RESIDENT	0.18	1.00
6904194143546	690419	4143546	RESIDENT	0.18	0.97
6904244143546	690424	4143546	RESIDENT	0.19	0.94
6904294143546	690429	4143546	RESIDENT	0.19	0.91
6904344143546	690434	4143546	RESIDENT	0.19	0.89
6904394143546	690439	4143546	RESIDENT	0.19	0.86
6904444143546	690444	4143546	RESIDENT	0.20	0.84
6904494143546	690449	4143546	RESIDENT	0.20	0.82
6904544143546	690454	4143546	RESIDENT	0.20	0.80
6904594143546	690459	4143546	RESIDENT	0.20	0.78
6904644143546	690464	4143546	RESIDENT	0.21	0.76
6904694143546	690469	4143546	RESIDENT	0.21	0.74
6904744143546	690474	4143546	RESIDENT	0.21	0.72
6904794143546	690479	4143546	RESIDENT	0.21	0.70
6904844143546	690484	4143546	RESIDENT	0.22	0.69
6904894143546	690489	4143546	RESIDENT	0.22	0.67
6904944143546	690494	4143546	RESIDENT	0.22	0.66
6904994143546	690499	4143546	RESIDENT	0.22	0.64

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6904044143551	690404	4143551	RESIDENT	0.18	1.08
6904094143551	690409	4143551	RESIDENT	0.18	1.04
6904144143551	690414	4143551	RESIDENT	0.18	1.01
6904194143551	690419	4143551	RESIDENT	0.19	0.98
6904244143551	690424	4143551	RESIDENT	0.19	0.95
6904294143551	690429	4143551	RESIDENT	0.19	0.92
6904344143551	690434	4143551	RESIDENT	0.19	0.90
6904394143551	690439	4143551	RESIDENT	0.20	0.87
6904444143551	690444	4143551	RESIDENT	0.20	0.85
6904494143551	690449	4143551	RESIDENT	0.20	0.82
6904544143551	690454	4143551	RESIDENT	0.21	0.80
6904594143551	690459	4143551	RESIDENT	0.21	0.78
6904644143551	690464	4143551	RESIDENT	0.21	0.76
6904694143551	690469	4143551	RESIDENT	0.21	0.74
6904744143551	690474	4143551	RESIDENT	0.22	0.73
6904794143551	690479	4143551	RESIDENT	0.22	0.71
6904844143551	690484	4143551	RESIDENT	0.22	0.69
6904894143551	690489	4143551	RESIDENT	0.22	0.68
6904944143551	690494	4143551	RESIDENT	0.23	0.66
6904994143551	690499	4143551	RESIDENT	0.23	0.65
6904044143556	690404	4143556	RESIDENT	0.18	1.09
6904094143556	690409	4143556	RESIDENT	0.18	1.06
6904144143556	690414	4143556	RESIDENT	0.19	1.02
6904194143556	690419	4143556	RESIDENT	0.19	0.99
6904244143556	690424	4143556	RESIDENT	0.19	0.96
6904294143556	690429	4143556	RESIDENT	0.19	0.93
6904344143556	690434	4143556	RESIDENT	0.20	0.90
6904394143556	690439	4143556	RESIDENT	0.20	0.88
6904444143556	690444	4143556	RESIDENT	0.20	0.85
6904494143556	690449	4143556	RESIDENT	0.21	0.83
6904544143556	690454	4143556	RESIDENT	0.21	0.81
6904594143556	690459	4143556	RESIDENT	0.21	0.79
6904644143556	690464	4143556	RESIDENT	0.21	0.77
6904694143556	690469	4143556	RESIDENT	0.22	0.75
6904044143561	690404	4143561	RESIDENT	0.18	1.10
6904094143561	690409	4143561	RESIDENT	0.19	1.07
6904144143561	690414	4143561	RESIDENT	0.19	1.03
6904194143561	690419	4143561	RESIDENT	0.19	1.00
6904244143561	690424	4143561	RESIDENT	0.20	0.97
6904294143561	690429	4143561	RESIDENT	0.20	0.94
6904344143561	690434	4143561	RESIDENT	0.20	0.91
6904394143561	690439	4143561	RESIDENT	0.20	0.89
6904444143561	690444	4143561	RESIDENT	0.21	0.86
6904494143561	690449	4143561	RESIDENT	0.21	0.84
6904544143561	690454	4143561	RESIDENT	0.21	0.81
6904594143561	690459	4143561	RESIDENT	0.22	0.79
6904644143561	690464	4143561	RESIDENT	0.22	0.77
6904694143561	690469	4143561	RESIDENT	0.22	0.75
6904044143566	690404	4143566	RESIDENT	0.19	1.12

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6904094143566	690409	4143566	RESIDENT	0.19	1.08
6904144143566	690414	4143566	RESIDENT	0.19	1.04
6904194143566	690419	4143566	RESIDENT	0.20	1.01
6904244143566	690424	4143566	RESIDENT	0.20	0.98
6904294143566	690429	4143566	RESIDENT	0.20	0.95
6904344143566	690434	4143566	RESIDENT	0.20	0.92
6904394143566	690439	4143566	RESIDENT	0.21	0.89
6904444143566	690444	4143566	RESIDENT	0.21	0.87
6904494143566	690449	4143566	RESIDENT	0.21	0.84
6904544143566	690454	4143566	RESIDENT	0.22	0.82
6904594143566	690459	4143566	RESIDENT	0.22	0.80
6904644143566	690464	4143566	RESIDENT	0.22	0.78
6904694143566	690469	4143566	RESIDENT	0.22	0.76
6904044143571	690404	4143571	RESIDENT	0.19	1.13
6904094143571	690409	4143571	RESIDENT	0.19	1.09
6904144143571	690414	4143571	RESIDENT	0.20	1.05
6904194143571	690419	4143571	RESIDENT	0.20	1.02
6904244143571	690424	4143571	RESIDENT	0.20	0.99
6904294143571	690429	4143571	RESIDENT	0.21	0.95
6904344143571	690434	4143571	RESIDENT	0.21	0.93
6904394143571	690439	4143571	RESIDENT	0.21	0.90
6904444143571	690444	4143571	RESIDENT	0.21	0.87
6904494143571	690449	4143571	RESIDENT	0.22	0.85
6904544143571	690454	4143571	RESIDENT	0.22	0.83
6904594143571	690459	4143571	RESIDENT	0.22	0.80
6904644143571	690464	4143571	RESIDENT	0.23	0.78
6904694143571	690469	4143571	RESIDENT	0.23	0.76
6904044143576	690404	4143576	RESIDENT	0.19	1.14
6904094143576	690409	4143576	RESIDENT	0.20	1.10
6904144143576	690414	4143576	RESIDENT	0.20	1.06
6904194143576	690419	4143576	RESIDENT	0.20	1.03
6904244143576	690424	4143576	RESIDENT	0.21	0.99
6904294143576	690429	4143576	RESIDENT	0.21	0.96
6904344143576	690434	4143576	RESIDENT	0.21	0.93
6904394143576	690439	4143576	RESIDENT	0.22	0.91
6904444143576	690444	4143576	RESIDENT	0.22	0.88
6904494143576	690449	4143576	RESIDENT	0.22	0.85
6904544143576	690454	4143576	RESIDENT	0.22	0.83
6904594143576	690459	4143576	RESIDENT	0.23	0.81
6904644143576	690464	4143576	RESIDENT	0.23	0.79
6904694143576	690469	4143576	RESIDENT	0.23	0.77
6904044143581	690404	4143581	RESIDENT	0.20	1.15
6904094143581	690409	4143581	RESIDENT	0.20	1.11
6904144143581	690414	4143581	RESIDENT	0.20	1.07
6904194143581	690419	4143581	RESIDENT	0.21	1.03
6904244143581	690424	4143581	RESIDENT	0.21	1.00
6904294143581	690429	4143581	RESIDENT	0.21	0.97
6904344143581	690434	4143581	RESIDENT	0.22	0.94
6904394143581	690439	4143581	RESIDENT	0.22	0.91

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6904444143581	690444	4143581	RESIDENT	0.22	0.89
6904494143581	690449	4143581	RESIDENT	0.22	0.86
6904544143581	690454	4143581	RESIDENT	0.23	0.84
6904594143581	690459	4143581	RESIDENT	0.23	0.81
6904644143581	690464	4143581	RESIDENT	0.23	0.79
6904694143581	690469	4143581	RESIDENT	0.24	0.77
6904044143586	690404	4143586	RESIDENT	0.20	1.16
6904094143586	690409	4143586	RESIDENT	0.20	1.11
6904144143586	690414	4143586	RESIDENT	0.21	1.08
6904194143586	690419	4143586	RESIDENT	0.21	1.04
6904244143586	690424	4143586	RESIDENT	0.21	1.01
6904294143586	690429	4143586	RESIDENT	0.22	0.98
6904344143586	690434	4143586	RESIDENT	0.22	0.95
6904394143586	690439	4143586	RESIDENT	0.22	0.92
6904444143586	690444	4143586	RESIDENT	0.23	0.89
6904494143586	690449	4143586	RESIDENT	0.23	0.87
6904544143586	690454	4143586	RESIDENT	0.23	0.84
6904594143586	690459	4143586	RESIDENT	0.23	0.82
6904644143586	690464	4143586	RESIDENT	0.24	0.80
6904694143586	690469	4143586	RESIDENT	0.24	0.78
6904044143591	690404	4143591	RESIDENT	0.20	1.16
6904094143591	690409	4143591	RESIDENT	0.21	1.12
6904144143591	690414	4143591	RESIDENT	0.21	1.08
6904194143591	690419	4143591	RESIDENT	0.21	1.05
6904244143591	690424	4143591	RESIDENT	0.22	1.01
6904294143591	690429	4143591	RESIDENT	0.22	0.98
6904344143591	690434	4143591	RESIDENT	0.22	0.95
6904394143591	690439	4143591	RESIDENT	0.23	0.92
6904444143591	690444	4143591	RESIDENT	0.23	0.90
6904494143591	690449	4143591	RESIDENT	0.23	0.87
6904544143591	690454	4143591	RESIDENT	0.24	0.85
6904594143591	690459	4143591	RESIDENT	0.24	0.82
6904644143591	690464	4143591	RESIDENT	0.24	0.80
6904694143591	690469	4143591	RESIDENT	0.24	0.78
6904044143596	690404	4143596	RESIDENT	0.21	1.17
6904094143596	690409	4143596	RESIDENT	0.21	1.13
6904144143596	690414	4143596	RESIDENT	0.22	1.09
6904194143596	690419	4143596	RESIDENT	0.22	1.05
6904244143596	690424	4143596	RESIDENT	0.22	1.02
6904294143596	690429	4143596	RESIDENT	0.22	0.99
6904344143596	690434	4143596	RESIDENT	0.23	0.96
6904394143596	690439	4143596	RESIDENT	0.23	0.93
6904444143596	690444	4143596	RESIDENT	0.23	0.90
6904494143596	690449	4143596	RESIDENT	0.24	0.88
6904544143596	690454	4143596	RESIDENT	0.24	0.85
6904594143596	690459	4143596	RESIDENT	0.24	0.83
6904644143596	690464	4143596	RESIDENT	0.25	0.81
6904694143596	690469	4143596	RESIDENT	0.25	0.78
6904044143601	690404	4143601	RESIDENT	0.21	1.18

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6904094143601	690409	4143601	RESIDENT	0.22	1.14
6904144143601	690414	4143601	RESIDENT	0.22	1.10
6904194143601	690419	4143601	RESIDENT	0.22	1.06
6904244143601	690424	4143601	RESIDENT	0.23	1.03
6904294143601	690429	4143601	RESIDENT	0.23	0.99
6904344143601	690434	4143601	RESIDENT	0.23	0.96
6904394143601	690439	4143601	RESIDENT	0.24	0.93
6904444143601	690444	4143601	RESIDENT	0.24	0.91
6904494143601	690449	4143601	RESIDENT	0.24	0.88
6904544143601	690454	4143601	RESIDENT	0.24	0.85
6904594143601	690459	4143601	RESIDENT	0.25	0.83
6904644143601	690464	4143601	RESIDENT	0.25	0.81
6904694143601	690469	4143601	RESIDENT	0.25	0.79
6904044143606	690404	4143606	RESIDENT	0.22	1.19
6904094143606	690409	4143606	RESIDENT	0.22	1.15
6904144143606	690414	4143606	RESIDENT	0.22	1.10
6904194143606	690419	4143606	RESIDENT	0.23	1.07
6904244143606	690424	4143606	RESIDENT	0.23	1.03
6904294143606	690429	4143606	RESIDENT	0.23	1.00
6904344143606	690434	4143606	RESIDENT	0.24	0.97
6904394143606	690439	4143606	RESIDENT	0.24	0.94
6904444143606	690444	4143606	RESIDENT	0.24	0.91
6904494143606	690449	4143606	RESIDENT	0.25	0.88
6904544143606	690454	4143606	RESIDENT	0.25	0.86
6904594143606	690459	4143606	RESIDENT	0.25	0.84
6904644143606	690464	4143606	RESIDENT	0.26	0.81
6904694143606	690469	4143606	RESIDENT	0.26	0.79
6904044143611	690404	4143611	RESIDENT	0.22	1.20
6904094143611	690409	4143611	RESIDENT	0.22	1.15
6904144143611	690414	4143611	RESIDENT	0.23	1.11
6904194143611	690419	4143611	RESIDENT	0.23	1.07
6904244143611	690424	4143611	RESIDENT	0.23	1.04
6904294143611	690429	4143611	RESIDENT	0.24	1.00
6904344143611	690434	4143611	RESIDENT	0.24	0.97
6904394143611	690439	4143611	RESIDENT	0.24	0.94
6904444143611	690444	4143611	RESIDENT	0.25	0.91
6904494143611	690449	4143611	RESIDENT	0.25	0.89
6904544143611	690454	4143611	RESIDENT	0.25	0.86
6904594143611	690459	4143611	RESIDENT	0.26	0.84
6904644143611	690464	4143611	RESIDENT	0.26	0.82
6904694143611	690469	4143611	RESIDENT	0.26	0.79
6904044143616	690404	4143616	RESIDENT	0.22	1.20
6904094143616	690409	4143616	RESIDENT	0.23	1.16
6904144143616	690414	4143616	RESIDENT	0.23	1.12
6904194143616	690419	4143616	RESIDENT	0.24	1.08
6904244143616	690424	4143616	RESIDENT	0.24	1.04
6904294143616	690429	4143616	RESIDENT	0.24	1.01
6904344143616	690434	4143616	RESIDENT	0.25	0.98
6904394143616	690439	4143616	RESIDENT	0.25	0.95

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6904444143616	690444	4143616	RESIDENT	0.25	0.92
6904494143616	690449	4143616	RESIDENT	0.26	0.89
6904544143616	690454	4143616	RESIDENT	0.26	0.87
6904594143616	690459	4143616	RESIDENT	0.26	0.84
6904644143616	690464	4143616	RESIDENT	0.26	0.82
6904694143616	690469	4143616	RESIDENT	0.27	0.80
6904044143621	690404	4143621	RESIDENT	0.23	1.21
6904094143621	690409	4143621	RESIDENT	0.23	1.16
6904144143621	690414	4143621	RESIDENT	0.24	1.12
6904194143621	690419	4143621	RESIDENT	0.24	1.08
6904244143621	690424	4143621	RESIDENT	0.24	1.05
6904294143621	690429	4143621	RESIDENT	0.25	1.01
6904344143621	690434	4143621	RESIDENT	0.25	0.98
6904394143621	690439	4143621	RESIDENT	0.25	0.95
6904444143621	690444	4143621	RESIDENT	0.26	0.92
6904494143621	690449	4143621	RESIDENT	0.26	0.90
6904544143621	690454	4143621	RESIDENT	0.26	0.87
6904594143621	690459	4143621	RESIDENT	0.27	0.85
6904644143621	690464	4143621	RESIDENT	0.27	0.82
6904694143621	690469	4143621	RESIDENT	0.27	0.80
6904044143626	690404	4143626	RESIDENT	0.23	1.22
6904094143626	690409	4143626	RESIDENT	0.24	1.17
6904144143626	690414	4143626	RESIDENT	0.24	1.13
6904194143626	690419	4143626	RESIDENT	0.24	1.09
6904244143626	690424	4143626	RESIDENT	0.25	1.05
6904294143626	690429	4143626	RESIDENT	0.25	1.02
6904344143626	690434	4143626	RESIDENT	0.25	0.99
6904394143626	690439	4143626	RESIDENT	0.26	0.96
6904444143626	690444	4143626	RESIDENT	0.26	0.93
6904494143626	690449	4143626	RESIDENT	0.26	0.90
6904544143626	690454	4143626	RESIDENT	0.27	0.87
6904594143626	690459	4143626	RESIDENT	0.27	0.85
6904644143626	690464	4143626	RESIDENT	0.27	0.83
6904044143631	690404	4143631	RESIDENT	0.24	1.22
6904094143631	690409	4143631	RESIDENT	0.24	1.18
6904144143631	690414	4143631	RESIDENT	0.25	1.14
6904194143631	690419	4143631	RESIDENT	0.25	1.10
6904244143631	690424	4143631	RESIDENT	0.25	1.06
6904294143631	690429	4143631	RESIDENT	0.26	1.02
6904344143631	690434	4143631	RESIDENT	0.26	0.99
6904394143631	690439	4143631	RESIDENT	0.26	0.96
6904444143631	690444	4143631	RESIDENT	0.27	0.93
6904494143631	690449	4143631	RESIDENT	0.27	0.90
6904544143631	690454	4143631	RESIDENT	0.27	0.88
6904594143631	690459	4143631	RESIDENT	0.28	0.85
6904644143631	690464	4143631	RESIDENT	0.28	0.83
6904044143636	690404	4143636	RESIDENT	0.24	1.23
6904094143636	690409	4143636	RESIDENT	0.25	1.18
6904144143636	690414	4143636	RESIDENT	0.25	1.14

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6904194143636	690419	4143636	RESIDENT	0.25	1.10
6904244143636	690424	4143636	RESIDENT	0.26	1.06
6904294143636	690429	4143636	RESIDENT	0.26	1.03
6904344143636	690434	4143636	RESIDENT	0.26	1.00
6904394143636	690439	4143636	RESIDENT	0.27	0.97
6904444143636	690444	4143636	RESIDENT	0.27	0.94
6904494143636	690449	4143636	RESIDENT	0.27	0.91
6904544143636	690454	4143636	RESIDENT	0.28	0.88
6904594143636	690459	4143636	RESIDENT	0.28	0.86
6904644143636	690464	4143636	RESIDENT	0.28	0.83
6904044143641	690404	4143641	RESIDENT	0.25	1.23
6904094143641	690409	4143641	RESIDENT	0.25	1.19
6904144143641	690414	4143641	RESIDENT	0.25	1.15
6904194143641	690419	4143641	RESIDENT	0.26	1.11
6904244143641	690424	4143641	RESIDENT	0.26	1.07
6904294143641	690429	4143641	RESIDENT	0.27	1.03
6904344143641	690434	4143641	RESIDENT	0.27	1.00
6904394143641	690439	4143641	RESIDENT	0.27	0.97
6904444143641	690444	4143641	RESIDENT	0.28	0.94
6904494143641	690449	4143641	RESIDENT	0.28	0.91
6904544143641	690454	4143641	RESIDENT	0.28	0.89
6904594143641	690459	4143641	RESIDENT	0.29	0.86
6904644143641	690464	4143641	RESIDENT	0.29	0.84
6904044143646	690404	4143646	RESIDENT	0.25	1.24
6904094143646	690409	4143646	RESIDENT	0.26	1.19
6904144143646	690414	4143646	RESIDENT	0.26	1.15
6904194143646	690419	4143646	RESIDENT	0.26	1.11
6904244143646	690424	4143646	RESIDENT	0.27	1.07
6904294143646	690429	4143646	RESIDENT	0.27	1.04
6904344143646	690434	4143646	RESIDENT	0.27	1.00
6904394143646	690439	4143646	RESIDENT	0.28	0.97
6904444143646	690444	4143646	RESIDENT	0.28	0.94
6904494143646	690449	4143646	RESIDENT	0.29	0.92
6904544143646	690454	4143646	RESIDENT	0.29	0.89
6904594143646	690459	4143646	RESIDENT	0.29	0.86
6904644143646	690464	4143646	RESIDENT	0.30	0.84
6904044143651	690404	4143651	RESIDENT	0.26	1.25
6904094143651	690409	4143651	RESIDENT	0.26	1.20
6904144143651	690414	4143651	RESIDENT	0.26	1.16
6904194143651	690419	4143651	RESIDENT	0.27	1.12
6904244143651	690424	4143651	RESIDENT	0.27	1.08
6904294143651	690429	4143651	RESIDENT	0.28	1.04
6904344143651	690434	4143651	RESIDENT	0.28	1.01
6904394143651	690439	4143651	RESIDENT	0.28	0.98
6904444143651	690444	4143651	RESIDENT	0.29	0.95
6904494143651	690449	4143651	RESIDENT	0.29	0.92
6904544143651	690454	4143651	RESIDENT	0.29	0.89
6904594143651	690459	4143651	RESIDENT	0.30	0.87
6904644143651	690464	4143651	RESIDENT	0.30	0.84

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6904044143656	690404	4143656	RESIDENT	0.26	1.25
6904094143656	690409	4143656	RESIDENT	0.27	1.21
6904144143656	690414	4143656	RESIDENT	0.27	1.16
6904194143656	690419	4143656	RESIDENT	0.27	1.12
6904244143656	690424	4143656	RESIDENT	0.28	1.08
6904294143656	690429	4143656	RESIDENT	0.28	1.05
6904344143656	690434	4143656	RESIDENT	0.29	1.01
6904394143656	690439	4143656	RESIDENT	0.29	0.98
6904444143656	690444	4143656	RESIDENT	0.29	0.95
6904494143656	690449	4143656	RESIDENT	0.30	0.92
6904544143656	690454	4143656	RESIDENT	0.30	0.90
6904594143656	690459	4143656	RESIDENT	0.30	0.87
6904644143656	690464	4143656	RESIDENT	0.31	0.85
6904044143661	690404	4143661	RESIDENT	0.27	1.26
6904094143661	690409	4143661	RESIDENT	0.27	1.21
6904144143661	690414	4143661	RESIDENT	0.28	1.17
6904194143661	690419	4143661	RESIDENT	0.28	1.13
6904244143661	690424	4143661	RESIDENT	0.28	1.09
6904294143661	690429	4143661	RESIDENT	0.29	1.05
6904344143661	690434	4143661	RESIDENT	0.29	1.02
6904394143661	690439	4143661	RESIDENT	0.29	0.99
6904444143661	690444	4143661	RESIDENT	0.30	0.95
6904494143661	690449	4143661	RESIDENT	0.30	0.93
6904544143661	690454	4143661	RESIDENT	0.31	0.90
6904594143661	690459	4143661	RESIDENT	0.31	0.87
6904644143661	690464	4143661	RESIDENT	0.31	0.85
6904044143666	690404	4143666	RESIDENT	0.27	1.26
6904094143666	690409	4143666	RESIDENT	0.28	1.22
6904144143666	690414	4143666	RESIDENT	0.28	1.17
6904194143666	690419	4143666	RESIDENT	0.28	1.13
6904244143666	690424	4143666	RESIDENT	0.29	1.09
6904294143666	690429	4143666	RESIDENT	0.29	1.06
6904344143666	690434	4143666	RESIDENT	0.30	1.02
6904394143666	690439	4143666	RESIDENT	0.30	0.99
6904444143666	690444	4143666	RESIDENT	0.30	0.96
6904494143666	690449	4143666	RESIDENT	0.31	0.93
6904544143666	690454	4143666	RESIDENT	0.31	0.90
6904594143666	690459	4143666	RESIDENT	0.31	0.88
6904644143666	690464	4143666	RESIDENT	0.32	0.85
6904044143671	690404	4143671	RESIDENT	0.28	1.27
6904094143671	690409	4143671	RESIDENT	0.28	1.22
6904144143671	690414	4143671	RESIDENT	0.29	1.18
6904194143671	690419	4143671	RESIDENT	0.29	1.13
6904244143671	690424	4143671	RESIDENT	0.29	1.10
6904294143671	690429	4143671	RESIDENT	0.30	1.06
6904344143671	690434	4143671	RESIDENT	0.30	1.02
6904394143671	690439	4143671	RESIDENT	0.31	0.99
6904444143671	690444	4143671	RESIDENT	0.31	0.96
6904494143671	690449	4143671	RESIDENT	0.31	0.93

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6904544143671	690454	4143671	RESIDENT	0.32	0.91
6904594143671	690459	4143671	RESIDENT	0.32	0.88
6904644143671	690464	4143671	RESIDENT	0.32	0.86
6904044143676	690404	4143676	RESIDENT	0.28	1.27
6904094143676	690409	4143676	RESIDENT	0.29	1.22
6904144143676	690414	4143676	RESIDENT	0.29	1.18
6904194143676	690419	4143676	RESIDENT	0.30	1.14
6904244143676	690424	4143676	RESIDENT	0.30	1.10
6904294143676	690429	4143676	RESIDENT	0.30	1.06
6904344143676	690434	4143676	RESIDENT	0.31	1.03
6904394143676	690439	4143676	RESIDENT	0.31	1.00
6904444143676	690444	4143676	RESIDENT	0.32	0.97
6904494143676	690449	4143676	RESIDENT	0.32	0.94
6904544143676	690454	4143676	RESIDENT	0.32	0.91
6904594143676	690459	4143676	RESIDENT	0.33	0.88
6904644143676	690464	4143676	RESIDENT	0.33	0.86
6904044143681	690404	4143681	RESIDENT	0.29	1.28
6904094143681	690409	4143681	RESIDENT	0.29	1.23
6904144143681	690414	4143681	RESIDENT	0.30	1.18
6904194143681	690419	4143681	RESIDENT	0.30	1.14
6904244143681	690424	4143681	RESIDENT	0.31	1.10
6904294143681	690429	4143681	RESIDENT	0.31	1.07
6904344143681	690434	4143681	RESIDENT	0.31	1.03
6904394143681	690439	4143681	RESIDENT	0.32	1.00
6904444143681	690444	4143681	RESIDENT	0.32	0.97
6904494143681	690449	4143681	RESIDENT	0.33	0.94
6904544143681	690454	4143681	RESIDENT	0.33	0.91
6904594143681	690459	4143681	RESIDENT	0.33	0.89
6904644143681	690464	4143681	RESIDENT	0.34	0.86
6904044143686	690404	4143686	RESIDENT	0.30	1.28
6904094143686	690409	4143686	RESIDENT	0.30	1.23
6904144143686	690414	4143686	RESIDENT	0.30	1.19
6904194143686	690419	4143686	RESIDENT	0.31	1.15
6904244143686	690424	4143686	RESIDENT	0.31	1.11
6904294143686	690429	4143686	RESIDENT	0.32	1.07
6904344143686	690434	4143686	RESIDENT	0.32	1.04
6904394143686	690439	4143686	RESIDENT	0.32	1.00
6904444143686	690444	4143686	RESIDENT	0.33	0.97
6904494143686	690449	4143686	RESIDENT	0.33	0.94
6904544143686	690454	4143686	RESIDENT	0.34	0.91
6904594143686	690459	4143686	RESIDENT	0.34	0.89
6904644143686	690464	4143686	RESIDENT	0.34	0.86
6904044143691	690404	4143691	RESIDENT	0.30	1.29
6904094143691	690409	4143691	RESIDENT	0.31	1.24
6904144143691	690414	4143691	RESIDENT	0.31	1.19
6904194143691	690419	4143691	RESIDENT	0.31	1.15
6904244143691	690424	4143691	RESIDENT	0.32	1.11
6904294143691	690429	4143691	RESIDENT	0.32	1.07
6904344143691	690434	4143691	RESIDENT	0.33	1.04

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	**X**	**Y**	**GROUP**	**OFFROAD**	**ONRD_EX**
6904394143691	690439	4143691	RESIDENT	0.33	1.01
6904444143691	690444	4143691	RESIDENT	0.33	0.97
6904494143691	690449	4143691	RESIDENT	0.34	0.95
6904544143691	690454	4143691	RESIDENT	0.34	0.92
6904594143691	690459	4143691	RESIDENT	0.35	0.89
6904644143691	690464	4143691	RESIDENT	0.35	0.87
6904044143696	690404	4143696	RESIDENT	0.31	1.29
6904094143696	690409	4143696	RESIDENT	0.31	1.24
6904144143696	690414	4143696	RESIDENT	0.32	1.20
6904194143696	690419	4143696	RESIDENT	0.32	1.15
6904244143696	690424	4143696	RESIDENT	0.33	1.11
6904294143696	690429	4143696	RESIDENT	0.33	1.08
6904344143696	690434	4143696	RESIDENT	0.33	1.04
6904394143696	690439	4143696	RESIDENT	0.34	1.01
6904444143696	690444	4143696	RESIDENT	0.34	0.98
6904494143696	690449	4143696	RESIDENT	0.35	0.95
6904544143696	690454	4143696	RESIDENT	0.35	0.92
6904594143696	690459	4143696	RESIDENT	0.35	0.89
6904644143696	690464	4143696	RESIDENT	0.36	0.87
6904044143701	690404	4143701	RESIDENT	0.31	1.29
6904094143701	690409	4143701	RESIDENT	0.32	1.24
6904144143701	690414	4143701	RESIDENT	0.32	1.20
6904194143701	690419	4143701	RESIDENT	0.33	1.16
6904244143701	690424	4143701	RESIDENT	0.33	1.12
6904294143701	690429	4143701	RESIDENT	0.34	1.08
6904344143701	690434	4143701	RESIDENT	0.34	1.05
6904394143701	690439	4143701	RESIDENT	0.34	1.01
6904444143701	690444	4143701	RESIDENT	0.35	0.98
6904494143701	690449	4143701	RESIDENT	0.35	0.95
6904544143701	690454	4143701	RESIDENT	0.36	0.92
6904594143701	690459	4143701	RESIDENT	0.36	0.90
6904644143701	690464	4143701	RESIDENT	0.36	0.87
6906464143596	690646	4143596	RESIDENT	0.31	0.39
6906514143596	690651	4143596	RESIDENT	0.31	0.39
6906564143596	690656	4143596	RESIDENT	0.31	0.38
6906614143596	690661	4143596	RESIDENT	0.31	0.38
6906664143596	690666	4143596	RESIDENT	0.31	0.37
6906714143596	690671	4143596	RESIDENT	0.31	0.37
6906764143596	690676	4143596	RESIDENT	0.31	0.36
6906814143596	690681	4143596	RESIDENT	0.31	0.36
6906864143596	690686	4143596	RESIDENT	0.31	0.35
6906914143596	690691	4143596	RESIDENT	0.31	0.35
6906964143596	690696	4143596	RESIDENT	0.31	0.34
6907014143596	690701	4143596	RESIDENT	0.31	0.34
6907064143596	690706	4143596	RESIDENT	0.31	0.33
6907114143596	690711	4143596	RESIDENT	0.31	0.33
6906464143601	690646	4143601	RESIDENT	0.32	0.40
6906514143601	690651	4143601	RESIDENT	0.32	0.39
6906564143601	690656	4143601	RESIDENT	0.32	0.38

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6906614143601	690661	4143601	RESIDENT	0.32	0.38
6906664143601	690666	4143601	RESIDENT	0.32	0.37
6906714143601	690671	4143601	RESIDENT	0.32	0.37
6906764143601	690676	4143601	RESIDENT	0.32	0.36
6906814143601	690681	4143601	RESIDENT	0.32	0.36
6906864143601	690686	4143601	RESIDENT	0.32	0.35
6906914143601	690691	4143601	RESIDENT	0.32	0.35
6906964143601	690696	4143601	RESIDENT	0.32	0.34
6907014143601	690701	4143601	RESIDENT	0.32	0.34
6907064143601	690706	4143601	RESIDENT	0.32	0.33
6907114143601	690711	4143601	RESIDENT	0.32	0.33
6906464143606	690646	4143606	RESIDENT	0.32	0.40
6906514143606	690651	4143606	RESIDENT	0.32	0.39
6906564143606	690656	4143606	RESIDENT	0.32	0.38
6906614143606	690661	4143606	RESIDENT	0.32	0.38
6906664143606	690666	4143606	RESIDENT	0.32	0.37
6906714143606	690671	4143606	RESIDENT	0.32	0.37
6906764143606	690676	4143606	RESIDENT	0.32	0.36
6906814143606	690681	4143606	RESIDENT	0.32	0.36
6906864143606	690686	4143606	RESIDENT	0.32	0.35
6906914143606	690691	4143606	RESIDENT	0.32	0.35
6906964143606	690696	4143606	RESIDENT	0.32	0.34
6907014143606	690701	4143606	RESIDENT	0.32	0.34
6907064143606	690706	4143606	RESIDENT	0.32	0.34
6907114143606	690711	4143606	RESIDENT	0.32	0.33
6906464143611	690646	4143611	RESIDENT	0.33	0.40
6906514143611	690651	4143611	RESIDENT	0.33	0.39
6906564143611	690656	4143611	RESIDENT	0.33	0.39
6906614143611	690661	4143611	RESIDENT	0.33	0.38
6906664143611	690666	4143611	RESIDENT	0.33	0.37
6906714143611	690671	4143611	RESIDENT	0.33	0.37
6906764143611	690676	4143611	RESIDENT	0.33	0.36
6906814143611	690681	4143611	RESIDENT	0.33	0.36
6906864143611	690686	4143611	RESIDENT	0.33	0.35
6906914143611	690691	4143611	RESIDENT	0.32	0.35
6906964143611	690696	4143611	RESIDENT	0.32	0.35
6907014143611	690701	4143611	RESIDENT	0.32	0.34
6907064143611	690706	4143611	RESIDENT	0.32	0.34
6907114143611	690711	4143611	RESIDENT	0.32	0.33
6906464143616	690646	4143616	RESIDENT	0.33	0.40
6906514143616	690651	4143616	RESIDENT	0.33	0.39
6906564143616	690656	4143616	RESIDENT	0.33	0.39
6906614143616	690661	4143616	RESIDENT	0.33	0.38
6906664143616	690666	4143616	RESIDENT	0.33	0.38
6906714143616	690671	4143616	RESIDENT	0.33	0.37
6906764143616	690676	4143616	RESIDENT	0.33	0.37
6906814143616	690681	4143616	RESIDENT	0.33	0.36
6906864143616	690686	4143616	RESIDENT	0.33	0.36
6906914143616	690691	4143616	RESIDENT	0.33	0.35

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6906964143616	690696	4143616	RESIDENT	0.33	0.35
6907014143616	690701	4143616	RESIDENT	0.33	0.34
6907064143616	690706	4143616	RESIDENT	0.33	0.34
6907114143616	690711	4143616	RESIDENT	0.33	0.33
6906464143621	690646	4143621	RESIDENT	0.33	0.40
6906514143621	690651	4143621	RESIDENT	0.33	0.39
6906564143621	690656	4143621	RESIDENT	0.33	0.39
6906614143621	690661	4143621	RESIDENT	0.33	0.38
6906664143621	690666	4143621	RESIDENT	0.33	0.38
6906714143621	690671	4143621	RESIDENT	0.33	0.37
6906764143621	690676	4143621	RESIDENT	0.33	0.37
6906814143621	690681	4143621	RESIDENT	0.33	0.36
6906864143621	690686	4143621	RESIDENT	0.33	0.36
6906914143621	690691	4143621	RESIDENT	0.33	0.35
6906964143621	690696	4143621	RESIDENT	0.33	0.35
6907014143621	690701	4143621	RESIDENT	0.33	0.34
6907064143621	690706	4143621	RESIDENT	0.33	0.34
6907114143621	690711	4143621	RESIDENT	0.33	0.33
6906464143626	690646	4143626	RESIDENT	0.34	0.40
6906514143626	690651	4143626	RESIDENT	0.34	0.39
6906564143626	690656	4143626	RESIDENT	0.34	0.39
6906614143626	690661	4143626	RESIDENT	0.34	0.38
6906664143626	690666	4143626	RESIDENT	0.34	0.38
6906714143626	690671	4143626	RESIDENT	0.34	0.37
6906764143626	690676	4143626	RESIDENT	0.34	0.37
6906814143626	690681	4143626	RESIDENT	0.34	0.36
6906864143626	690686	4143626	RESIDENT	0.34	0.36
6906914143626	690691	4143626	RESIDENT	0.34	0.35
6906964143626	690696	4143626	RESIDENT	0.34	0.35
6907014143626	690701	4143626	RESIDENT	0.33	0.34
6907064143626	690706	4143626	RESIDENT	0.33	0.34
6907114143626	690711	4143626	RESIDENT	0.33	0.33
6906464143631	690646	4143631	RESIDENT	0.34	0.40
6906514143631	690651	4143631	RESIDENT	0.34	0.39
6906564143631	690656	4143631	RESIDENT	0.34	0.39
6906614143631	690661	4143631	RESIDENT	0.34	0.38
6906664143631	690666	4143631	RESIDENT	0.34	0.38
6906714143631	690671	4143631	RESIDENT	0.34	0.37
6906764143631	690676	4143631	RESIDENT	0.34	0.37
6906814143631	690681	4143631	RESIDENT	0.34	0.36
6906864143631	690686	4143631	RESIDENT	0.34	0.36
6906914143631	690691	4143631	RESIDENT	0.34	0.35
6906964143631	690696	4143631	RESIDENT	0.34	0.35
6907014143631	690701	4143631	RESIDENT	0.34	0.34
6907064143631	690706	4143631	RESIDENT	0.34	0.34
6907114143631	690711	4143631	RESIDENT	0.34	0.33
6906464143636	690646	4143636	RESIDENT	0.35	0.40
6906514143636	690651	4143636	RESIDENT	0.35	0.40
6906564143636	690656	4143636	RESIDENT	0.35	0.39

AERMOD Outputs-Unitized Emission Rates

				AERMOD Concentrations (ug/m^3) @ 1 g/s	
XY	X	Y	GROUP	OFFROAD	ONRD_EX
6906614143636	690661	4143636	RESIDENT	0.35	0.38
6906664143636	690666	4143636	RESIDENT	0.35	0.38
6906714143636	690671	4143636	RESIDENT	0.35	0.37
6906764143636	690676	4143636	RESIDENT	0.35	0.37
6906814143636	690681	4143636	RESIDENT	0.35	0.36
6906864143636	690686	4143636	RESIDENT	0.34	0.36
6906914143636	690691	4143636	RESIDENT	0.34	0.35
6906964143636	690696	4143636	RESIDENT	0.34	0.35
6907014143636	690701	4143636	RESIDENT	0.34	0.34
6907064143636	690706	4143636	RESIDENT	0.34	0.34
6907114143636	690711	4143636	RESIDENT	0.34	0.34
6906464143641	690646	4143641	RESIDENT	0.35	0.40
6906514143641	690651	4143641	RESIDENT	0.35	0.40
6906564143641	690656	4143641	RESIDENT	0.35	0.39
6906614143641	690661	4143641	RESIDENT	0.35	0.39
6906664143641	690666	4143641	RESIDENT	0.35	0.38
6906714143641	690671	4143641	RESIDENT	0.35	0.37
6906764143641	690676	4143641	RESIDENT	0.35	0.37
6906814143641	690681	4143641	RESIDENT	0.35	0.36
6906864143641	690686	4143641	RESIDENT	0.35	0.36
6906914143641	690691	4143641	RESIDENT	0.35	0.35
6906964143641	690696	4143641	RESIDENT	0.35	0.35
6907014143641	690701	4143641	RESIDENT	0.35	0.34
6907064143641	690706	4143641	RESIDENT	0.34	0.34
6907114143641	690711	4143641	RESIDENT	0.34	0.34
6906464143646	690646	4143646	RESIDENT	0.36	0.40
6906514143646	690651	4143646	RESIDENT	0.36	0.40
6906564143646	690656	4143646	RESIDENT	0.36	0.39
6906614143646	690661	4143646	RESIDENT	0.36	0.39
6906664143646	690666	4143646	RESIDENT	0.35	0.38
6906714143646	690671	4143646	RESIDENT	0.35	0.37
6906764143646	690676	4143646	RESIDENT	0.35	0.37
6906464143651	690646	4143651	RESIDENT	0.36	0.40
6906514143651	690651	4143651	RESIDENT	0.36	0.40
6906564143651	690656	4143651	RESIDENT	0.36	0.39
6906614143651	690661	4143651	RESIDENT	0.36	0.39
6906664143651	690666	4143651	RESIDENT	0.36	0.38
6906714143651	690671	4143651	RESIDENT	0.36	0.38
6906764143651	690676	4143651	RESIDENT	0.36	0.37
6906464143656	690646	4143656	RESIDENT	0.37	0.41
6906514143656	690651	4143656	RESIDENT	0.37	0.40
6906564143656	690656	4143656	RESIDENT	0.36	0.39
6906614143656	690661	4143656	RESIDENT	0.36	0.39
6906664143656	690666	4143656	RESIDENT	0.36	0.38
6906714143656	690671	4143656	RESIDENT	0.36	0.38
6906764143656	690676	4143656	RESIDENT	0.36	0.37

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6902724144411	690272	4144411	RESIDENT	1.51E-01	3.26E-04	1.74E-01	1.54E-04	5.24E-05	1.13E-07	1.82E-04	1.61E-07
6902774144411	690277	4144411	RESIDENT	1.31E-01	2.86E-04	1.51E-01	1.35E-04	4.55E-05	9.89E-08	1.58E-04	1.41E-07
6902824144411	690282	4144411	RESIDENT	1.14E-01	2.53E-04	1.32E-01	1.20E-04	3.96E-05	8.76E-08	1.38E-04	1.25E-07
6902874144411	690287	4144411	RESIDENT	1.00E-01	2.26E-04	1.15E-01	1.07E-04	3.46E-05	7.82E-08	1.20E-04	1.12E-07
6902924144411	690292	4144411	RESIDENT	8.78E-02	2.03E-04	1.01E-01	9.62E-05	3.04E-05	7.04E-08	1.06E-04	1.01E-07
6902974144411	690297	4144411	RESIDENT	7.76E-02	1.84E-04	8.93E-02	8.72E-05	2.68E-05	6.38E-08	9.33E-05	9.11E-08
6902724144416	690272	4144416	RESIDENT	1.43E-01	3.25E-04	1.65E-01	1.54E-04	4.96E-05	1.13E-07	1.72E-04	1.61E-07
6902774144416	690277	4144416	RESIDENT	1.24E-01	2.85E-04	1.43E-01	1.35E-04	4.29E-05	9.88E-08	1.49E-04	1.41E-07
6902824144416	690282	4144416	RESIDENT	1.07E-01	2.53E-04	1.24E-01	1.20E-04	3.72E-05	8.75E-08	1.29E-04	1.25E-07
6902874144416	690287	4144416	RESIDENT	9.36E-02	2.26E-04	1.08E-01	1.07E-04	3.24E-05	7.81E-08	1.13E-04	1.12E-07
6902924144416	690292	4144416	RESIDENT	8.21E-02	2.03E-04	9.45E-02	9.61E-05	2.84E-05	7.03E-08	9.88E-05	1.00E-07
6902974144416	690297	4144416	RESIDENT	7.24E-02	1.84E-04	8.33E-02	8.71E-05	2.51E-05	6.37E-08	8.71E-05	9.10E-08
6902724144421	690272	4144421	RESIDENT	1.34E-01	3.25E-04	1.54E-01	1.54E-04	4.64E-05	1.13E-07	1.61E-04	1.61E-07
6902774144421	690277	4144421	RESIDENT	1.15E-01	2.85E-04	1.33E-01	1.35E-04	3.99E-05	9.87E-08	1.39E-04	1.41E-07
6902824144421	690282	4144421	RESIDENT	9.98E-02	2.52E-04	1.15E-01	1.19E-04	3.46E-05	8.74E-08	1.20E-04	1.25E-07
6902874144421	690287	4144421	RESIDENT	8.69E-02	2.25E-04	1.00E-01	1.07E-04	3.01E-05	7.80E-08	1.05E-04	1.11E-07
6902924144421	690292	4144421	RESIDENT	7.61E-02	2.03E-04	8.76E-02	9.60E-05	2.63E-05	7.03E-08	9.16E-05	1.00E-07
6902974144421	690297	4144421	RESIDENT	6.71E-02	1.84E-04	7.73E-02	8.70E-05	2.32E-05	6.37E-08	8.08E-05	9.10E-08
6902724144426	690272	4144426	RESIDENT	1.24E-01	3.25E-04	1.43E-01	1.54E-04	4.29E-05	1.12E-07	1.49E-04	1.61E-07
6902774144426	690277	4144426	RESIDENT	1.06E-01	2.85E-04	1.23E-01	1.35E-04	3.68E-05	9.86E-08	1.28E-04	1.41E-07
6902824144426	690282	4144426	RESIDENT	9.19E-02	2.52E-04	1.06E-01	1.19E-04	3.18E-05	8.73E-08	1.11E-04	1.25E-07
6902874144426	690287	4144426	RESIDENT	8.00E-02	2.25E-04	9.21E-02	1.07E-04	2.77E-05	7.80E-08	9.63E-05	1.11E-07
6902924144426	690292	4144426	RESIDENT	7.01E-02	2.03E-04	8.07E-02	9.59E-05	2.43E-05	7.02E-08	8.43E-05	1.00E-07
6902974144426	690297	4144426	RESIDENT	6.18E-02	1.84E-04	7.12E-02	8.70E-05	2.14E-05	6.36E-08	7.44E-05	9.09E-08
6902724144431	690272	4144431	RESIDENT	1.13E-01	3.24E-04	1.30E-01	1.53E-04	3.92E-05	1.12E-07	1.36E-04	1.60E-07
6902774144431	690277	4144431	RESIDENT	9.72E-02	2.84E-04	1.12E-01	1.35E-04	3.36E-05	9.85E-08	1.17E-04	1.41E-07
6902824144431	690282	4144431	RESIDENT	8.39E-02	2.52E-04	9.66E-02	1.19E-04	2.91E-05	8.72E-08	1.01E-04	1.25E-07
6902874144431	690287	4144431	RESIDENT	7.31E-02	2.25E-04	8.42E-02	1.06E-04	2.53E-05	7.79E-08	8.80E-05	1.11E-07
6902924144431	690292	4144431	RESIDENT	6.41E-02	2.03E-04	7.39E-02	9.58E-05	2.22E-05	7.01E-08	7.72E-05	1.00E-07
6902974144431	690297	4144431	RESIDENT	5.67E-02	1.84E-04	6.53E-02	8.69E-05	1.96E-05	6.36E-08	6.83E-05	9.08E-08
6902724144436	690272	4144436	RESIDENT	1.02E-01	3.24E-04	1.18E-01	1.53E-04	3.55E-05	1.12E-07	1.23E-04	1.60E-07
6902774144436	690277	4144436	RESIDENT	8.79E-02	2.84E-04	1.01E-01	1.34E-04	3.04E-05	9.84E-08	1.06E-04	1.41E-07
6902824144436	690282	4144436	RESIDENT	7.60E-02	2.52E-04	8.75E-02	1.19E-04	2.63E-05	8.71E-08	9.15E-05	1.24E-07
6902874144436	690287	4144436	RESIDENT	6.64E-02	2.25E-04	7.64E-02	1.06E-04	2.30E-05	7.78E-08	7.99E-05	1.11E-07
6902924144436	690292	4144436	RESIDENT	5.84E-02	2.02E-04	6.73E-02	9.58E-05	2.02E-05	7.01E-08	7.03E-05	1.00E-07
6902974144436	690297	4144436	RESIDENT	5.19E-02	1.84E-04	5.97E-02	8.68E-05	1.80E-05	6.35E-08	6.24E-05	9.08E-08
6902034144665	690203	4144665	RESIDENT	8.09E-03	1.39E-04	9.31E-03	6.59E-05	2.80E-06	4.82E-08	9.73E-06	6.89E-08
6902084144665	690208	4144665	RESIDENT	7.87E-03	1.55E-04	9.06E-03	7.31E-05	2.72E-06	5.35E-08	9.47E-06	7.65E-08
6902134144665	690213	4144665	RESIDENT	7.66E-03	1.73E-04	8.82E-03	8.20E-05	2.65E-06	6.00E-08	9.22E-06	8.57E-08
6902184144665	690218	4144665	RESIDENT	7.47E-03	1.96E-04	8.60E-03	9.28E-05	2.58E-06	6.79E-08	8.99E-06	9.70E-08
6902234144665	690223	4144665	RESIDENT	7.28E-03	2.25E-04	8.38E-03	1.07E-04	2.52E-06	7.80E-08	8.76E-06	1.11E-07
6902284144665	690228	4144665	RESIDENT	7.10E-03	2.63E-04	8.18E-03	1.24E-04	2.46E-06	9.10E-08	8.55E-06	1.30E-07
6902334144665	690233	4144665	RESIDENT	6.94E-03	2.46E-04	7.99E-03	1.16E-04	2.40E-06	8.52E-08	8.35E-06	1.22E-07
6902034144670	690203	4144670	RESIDENT	7.78E-03	1.39E-04	8.96E-03	6.59E-05	2.69E-06	4.83E-08	9.37E-06	6.89E-08
6902084144670	690208	4144670	RESIDENT	7.58E-03	1.55E-04	8.73E-03	7.32E-05	2.62E-06	5.36E-08	9.12E-06	7.65E-08
6902134144670	690213	4144670	RESIDENT	7.38E-03	1.73E-04	8.50E-03	8.21E-05	2.56E-06	6.00E-08	8.89E-06	8.58E-08
6902184144670	690218	4144670	RESIDENT	7.20E-03	1.96E-04	8.29E-03	9.29E-05	2.49E-06	6.80E-08	8.66E-06	9.71E-08
6902234144670	690223	4144670	RESIDENT	7.02E-03	2.26E-04	8.09E-03	1.07E-04	2.43E-06	7.81E-08	8.45E-06	1.12E-07
6902284144670	690228	4144670	RESIDENT	6.85E-03	2.63E-04	7.89E-03	1.25E-04	2.37E-06	9.12E-08	8.25E-06	1.30E-07
6902334144670	690233	4144670	RESIDENT	6.70E-03	2.33E-04	7.71E-03	1.10E-04	2.32E-06	8.07E-08	8.06E-06	1.15E-07
6902034144675	690203	4144675	RESIDENT	7.50E-03	1.40E-04	8.64E-03	6.60E-05	2.60E-06	4.83E-08	9.03E-06	6.90E-08
6902084144675	690208	4144675	RESIDENT	7.31E-03	1.55E-04	8.41E-03	7.33E-05	2.53E-06	5.36E-08	8.79E-06	7.66E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6902134144675	690213	4144675	RESIDENT	7.12E-03	1.74E-04	8.20E-03	8.21E-05	2.46E-06	6.01E-08	8.57E-06	8.58E-08
6902184144675	690218	4144675	RESIDENT	6.95E-03	1.97E-04	8.00E-03	9.30E-05	2.40E-06	6.81E-08	8.36E-06	9.73E-08
6902234144675	690223	4144675	RESIDENT	6.78E-03	2.26E-04	7.80E-03	1.07E-04	2.35E-06	7.82E-08	8.16E-06	1.12E-07
6902284144675	690228	4144675	RESIDENT	6.62E-03	2.64E-04	7.62E-03	1.25E-04	2.29E-06	9.13E-08	7.97E-06	1.30E-07
6902334144675	690233	4144675	RESIDENT	6.47E-03	2.30E-04	7.45E-03	1.09E-04	2.24E-06	7.95E-08	7.79E-06	1.14E-07
6902034144680	690203	4144680	RESIDENT	7.23E-03	1.40E-04	8.33E-03	6.60E-05	2.50E-06	4.83E-08	8.70E-06	6.90E-08
6902084144680	690208	4144680	RESIDENT	7.05E-03	1.55E-04	8.11E-03	7.33E-05	2.44E-06	5.37E-08	8.48E-06	7.67E-08
6902134144680	690213	4144680	RESIDENT	6.87E-03	1.74E-04	7.91E-03	8.22E-05	2.38E-06	6.02E-08	8.27E-06	8.59E-08
6902184144680	690218	4144680	RESIDENT	6.71E-03	1.97E-04	7.72E-03	9.31E-05	2.32E-06	6.82E-08	8.07E-06	9.73E-08
6902234144680	690223	4144680	RESIDENT	6.55E-03	2.26E-04	7.54E-03	1.07E-04	2.27E-06	7.83E-08	7.88E-06	1.12E-07
6902284144680	690228	4144680	RESIDENT	6.40E-03	2.64E-04	7.37E-03	1.25E-04	2.21E-06	9.13E-08	7.70E-06	1.30E-07
6902334144680	690233	4144680	RESIDENT	6.26E-03	2.47E-04	7.20E-03	1.17E-04	2.17E-06	8.55E-08	7.53E-06	1.22E-07
6902034144685	690203	4144685	RESIDENT	6.98E-03	1.40E-04	8.03E-03	6.61E-05	2.41E-06	4.84E-08	8.40E-06	6.91E-08
6902084144685	690208	4144685	RESIDENT	6.80E-03	1.55E-04	7.83E-03	7.34E-05	2.35E-06	5.37E-08	8.19E-06	7.67E-08
6902134144685	690213	4144685	RESIDENT	6.64E-03	1.74E-04	7.64E-03	8.23E-05	2.30E-06	6.02E-08	7.99E-06	8.60E-08
6902184144685	690218	4144685	RESIDENT	6.48E-03	1.97E-04	7.46E-03	9.32E-05	2.24E-06	6.82E-08	7.80E-06	9.74E-08
6902234144685	690223	4144685	RESIDENT	6.33E-03	2.26E-04	7.29E-03	1.07E-04	2.19E-06	7.84E-08	7.62E-06	1.12E-07
6902284144685	690228	4144685	RESIDENT	6.19E-03	2.64E-04	7.12E-03	1.25E-04	2.14E-06	9.15E-08	7.45E-06	1.31E-07
6902334144685	690233	4144685	RESIDENT	6.05E-03	2.34E-04	6.97E-03	1.11E-04	2.10E-06	8.09E-08	7.28E-06	1.16E-07
6902034144690	690203	4144690	RESIDENT	6.74E-03	1.40E-04	7.76E-03	6.62E-05	2.33E-06	4.84E-08	8.11E-06	6.91E-08
6902084144690	690208	4144690	RESIDENT	6.57E-03	1.55E-04	7.57E-03	7.35E-05	2.27E-06	5.38E-08	7.91E-06	7.68E-08
6902134144690	690213	4144690	RESIDENT	6.41E-03	1.74E-04	7.38E-03	8.24E-05	2.22E-06	6.03E-08	7.72E-06	8.61E-08
6902184144690	690218	4144690	RESIDENT	6.26E-03	1.97E-04	7.21E-03	9.34E-05	2.17E-06	6.83E-08	7.54E-06	9.76E-08
6902234144690	690223	4144690	RESIDENT	6.12E-03	2.27E-04	7.05E-03	1.07E-04	2.12E-06	7.85E-08	7.37E-06	1.12E-07
6902284144690	690228	4144690	RESIDENT	5.99E-03	2.65E-04	6.89E-03	1.25E-04	2.07E-06	9.16E-08	7.20E-06	1.31E-07
6902334144690	690233	4144690	RESIDENT	5.86E-03	2.30E-04	6.75E-03	1.09E-04	2.03E-06	7.98E-08	7.05E-06	1.14E-07
6906094144308	690609	4144308	RESIDENT	5.57E-03	2.02E-05	6.41E-03	9.55E-06	1.93E-06	6.99E-09	6.70E-06	9.98E-09
6906144144308	690614	4144308	RESIDENT	5.41E-03	1.98E-05	6.23E-03	9.38E-06	1.87E-06	6.86E-09	6.51E-06	9.80E-09
6906194144308	690619	4144308	RESIDENT	5.26E-03	1.95E-05	6.06E-03	9.21E-06	1.82E-06	6.74E-09	6.33E-06	9.63E-09
6906244144308	690624	4144308	RESIDENT	5.12E-03	1.91E-05	5.90E-03	9.05E-06	1.77E-06	6.62E-09	6.16E-06	9.46E-09
6906294144308	690629	4144308	RESIDENT	4.98E-03	1.88E-05	5.74E-03	8.90E-06	1.73E-06	6.51E-09	6.00E-06	9.30E-09
6906344144308	690634	4144308	RESIDENT	4.85E-03	1.85E-05	5.59E-03	8.74E-06	1.68E-06	6.40E-09	5.84E-06	9.14E-09
6906394144308	690639	4144308	RESIDENT	4.73E-03	1.82E-05	5.44E-03	8.60E-06	1.64E-06	6.29E-09	5.69E-06	8.98E-09
6906444144308	690644	4144308	RESIDENT	4.61E-03	1.79E-05	5.30E-03	8.45E-06	1.59E-06	6.18E-09	5.54E-06	8.83E-09
6906494144308	690649	4144308	RESIDENT	4.49E-03	1.76E-05	5.17E-03	8.31E-06	1.55E-06	6.08E-09	5.40E-06	8.69E-09
6906544144308	690654	4144308	RESIDENT	4.38E-03	1.73E-05	5.04E-03	8.17E-06	1.52E-06	5.98E-09	5.27E-06	8.54E-09
6906594144308	690659	4144308	RESIDENT	4.27E-03	1.70E-05	4.92E-03	8.04E-06	1.48E-06	5.88E-09	5.14E-06	8.40E-09
6906644144308	690664	4144308	RESIDENT	4.17E-03	1.67E-05	4.80E-03	7.91E-06	1.44E-06	5.79E-09	5.02E-06	8.27E-09
6906694144308	690669	4144308	RESIDENT	4.07E-03	1.64E-05	4.69E-03	7.78E-06	1.41E-06	5.69E-09	4.90E-06	8.13E-09
6906744144308	690674	4144308	RESIDENT	3.97E-03	1.62E-05	4.58E-03	7.66E-06	1.38E-06	5.60E-09	4.78E-06	8.00E-09
6906794144308	690679	4144308	RESIDENT	3.88E-03	1.59E-05	4.47E-03	7.53E-06	1.34E-06	5.51E-09	4.67E-06	7.87E-09
6906844144308	690684	4144308	RESIDENT	3.79E-03	1.57E-05	4.37E-03	7.41E-06	1.31E-06	5.43E-09	4.57E-06	7.75E-09
6906894144308	690689	4144308	RESIDENT	3.71E-03	1.54E-05	4.27E-03	7.30E-06	1.28E-06	5.34E-09	4.46E-06	7.63E-09
6906944144308	690694	4144308	RESIDENT	3.63E-03	1.52E-05	4.17E-03	7.18E-06	1.25E-06	5.26E-09	4.36E-06	7.51E-09
6906994144308	690699	4144308	RESIDENT	3.55E-03	1.50E-05	4.08E-03	7.07E-06	1.23E-06	5.18E-09	4.27E-06	7.39E-09
6906094144313	690609	4144313	RESIDENT	5.45E-03	2.02E-05	6.28E-03	9.54E-06	1.89E-06	6.98E-09	6.56E-06	9.97E-09
6906144144313	690614	4144313	RESIDENT	5.30E-03	1.98E-05	6.10E-03	9.37E-06	1.83E-06	6.86E-09	6.38E-06	9.79E-09
6906194144313	690619	4144313	RESIDENT	5.15E-03	1.95E-05	5.94E-03	9.21E-06	1.78E-06	6.74E-09	6.20E-06	9.62E-09
6906244144313	690624	4144313	RESIDENT	5.02E-03	1.91E-05	5.78E-03	9.04E-06	1.74E-06	6.62E-09	6.04E-06	9.45E-09
6906294144313	690629	4144313	RESIDENT	4.88E-03	1.88E-05	5.62E-03	8.89E-06	1.69E-06	6.50E-09	5.88E-06	9.29E-09
6906344144313	690634	4144313	RESIDENT	4.76E-03	1.85E-05	5.48E-03	8.74E-06	1.65E-06	6.39E-09	5.72E-06	9.13E-09
6906394144313	690639	4144313	RESIDENT	4.63E-03	1.82E-05	5.34E-03	8.59E-06	1.60E-06	6.28E-09	5.58E-06	8.98E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6906444144313	690644	4144313	RESIDENT	4.52E-03	1.78E-05	5.20E-03	8.44E-06	1.56E-06	6.18E-09	5.44E-06	8.83E-09
6906494144313	690649	4144313	RESIDENT	4.40E-03	1.76E-05	5.07E-03	8.30E-06	1.52E-06	6.08E-09	5.30E-06	8.68E-09
6906544144313	690654	4144313	RESIDENT	4.30E-03	1.73E-05	4.95E-03	8.17E-06	1.49E-06	5.98E-09	5.17E-06	8.53E-09
6906594144313	690659	4144313	RESIDENT	4.19E-03	1.70E-05	4.83E-03	8.03E-06	1.45E-06	5.88E-09	5.05E-06	8.39E-09
6906644144313	690664	4144313	RESIDENT	4.09E-03	1.67E-05	4.71E-03	7.90E-06	1.42E-06	5.78E-09	4.92E-06	8.26E-09
6906694144313	690669	4144313	RESIDENT	3.99E-03	1.64E-05	4.60E-03	7.77E-06	1.38E-06	5.69E-09	4.81E-06	8.12E-09
6906744144313	690674	4144313	RESIDENT	3.90E-03	1.62E-05	4.49E-03	7.65E-06	1.35E-06	5.60E-09	4.70E-06	7.99E-09
6906794144313	690679	4144313	RESIDENT	3.81E-03	1.59E-05	4.39E-03	7.53E-06	1.32E-06	5.51E-09	4.59E-06	7.87E-09
6906844144313	690684	4144313	RESIDENT	3.73E-03	1.57E-05	4.29E-03	7.41E-06	1.29E-06	5.42E-09	4.48E-06	7.74E-09
6906894144313	690689	4144313	RESIDENT	3.64E-03	1.54E-05	4.19E-03	7.29E-06	1.26E-06	5.33E-09	4.38E-06	7.62E-09
6906944144313	690694	4144313	RESIDENT	3.56E-03	1.52E-05	4.10E-03	7.18E-06	1.23E-06	5.25E-09	4.29E-06	7.50E-09
6906994144313	690699	4144313	RESIDENT	3.48E-03	1.49E-05	4.01E-03	7.06E-06	1.21E-06	5.17E-09	4.19E-06	7.38E-09
6907044144313	690704	4144313	RESIDENT	3.41E-03	1.47E-05	3.93E-03	6.96E-06	1.18E-06	5.09E-09	4.10E-06	7.27E-09
6906094144318	690609	4144318	RESIDENT	5.34E-03	2.02E-05	6.14E-03	9.53E-06	1.85E-06	6.98E-09	6.42E-06	9.96E-09
6906144144318	690614	4144318	RESIDENT	5.19E-03	1.98E-05	5.98E-03	9.36E-06	1.80E-06	6.85E-09	6.25E-06	9.79E-09
6906194144318	690619	4144318	RESIDENT	5.05E-03	1.94E-05	5.81E-03	9.20E-06	1.75E-06	6.73E-09	6.08E-06	9.61E-09
6906244144318	690624	4144318	RESIDENT	4.91E-03	1.91E-05	5.66E-03	9.04E-06	1.70E-06	6.61E-09	5.91E-06	9.45E-09
6906294144318	690629	4144318	RESIDENT	4.79E-03	1.88E-05	5.51E-03	8.88E-06	1.66E-06	6.50E-09	5.76E-06	9.28E-09
6906344144318	690634	4144318	RESIDENT	4.66E-03	1.85E-05	5.37E-03	8.73E-06	1.61E-06	6.39E-09	5.61E-06	9.12E-09
6906394144318	690639	4144318	RESIDENT	4.54E-03	1.81E-05	5.23E-03	8.58E-06	1.57E-06	6.28E-09	5.47E-06	8.97E-09
6906444144318	690644	4144318	RESIDENT	4.43E-03	1.78E-05	5.10E-03	8.44E-06	1.53E-06	6.17E-09	5.33E-06	8.82E-09
6906494144318	690649	4144318	RESIDENT	4.32E-03	1.75E-05	4.97E-03	8.29E-06	1.50E-06	6.07E-09	5.20E-06	8.67E-09
6906544144318	690654	4144318	RESIDENT	4.21E-03	1.72E-05	4.85E-03	8.16E-06	1.46E-06	5.97E-09	5.07E-06	8.53E-09
6906594144318	690659	4144318	RESIDENT	4.11E-03	1.70E-05	4.74E-03	8.02E-06	1.42E-06	5.87E-09	4.95E-06	8.39E-09
6906644144318	690664	4144318	RESIDENT	4.01E-03	1.67E-05	4.62E-03	7.89E-06	1.39E-06	5.78E-09	4.83E-06	8.25E-09
6906694144318	690669	4144318	RESIDENT	3.92E-03	1.64E-05	4.51E-03	7.76E-06	1.36E-06	5.68E-09	4.72E-06	8.11E-09
6906744144318	690674	4144318	RESIDENT	3.83E-03	1.61E-05	4.41E-03	7.64E-06	1.33E-06	5.59E-09	4.61E-06	7.98E-09
6906794144318	690679	4144318	RESIDENT	3.74E-03	1.59E-05	4.31E-03	7.52E-06	1.30E-06	5.50E-09	4.51E-06	7.86E-09
6906844144318	690684	4144318	RESIDENT	3.66E-03	1.56E-05	4.21E-03	7.40E-06	1.27E-06	5.41E-09	4.40E-06	7.73E-09
6906894144318	690689	4144318	RESIDENT	3.58E-03	1.54E-05	4.12E-03	7.28E-06	1.24E-06	5.33E-09	4.31E-06	7.61E-09
6906944144318	690694	4144318	RESIDENT	3.50E-03	1.52E-05	4.03E-03	7.17E-06	1.21E-06	5.25E-09	4.21E-06	7.49E-09
6906994144318	690699	4144318	RESIDENT	3.42E-03	1.49E-05	3.94E-03	7.06E-06	1.19E-06	5.16E-09	4.12E-06	7.37E-09
6907044144318	690704	4144318	RESIDENT	3.35E-03	1.47E-05	3.86E-03	6.95E-06	1.16E-06	5.08E-09	4.03E-06	7.26E-09
6907094144318	690709	4144318	RESIDENT	3.28E-03	1.45E-05	3.78E-03	6.84E-06	1.14E-06	5.01E-09	3.95E-06	7.15E-09
6907144144318	690714	4144318	RESIDENT	3.21E-03	1.42E-05	3.70E-03	6.74E-06	1.11E-06	4.93E-09	3.87E-06	7.04E-09
6906094144323	690609	4144323	RESIDENT	5.22E-03	2.01E-05	6.01E-03	9.53E-06	1.81E-06	6.97E-09	6.29E-06	9.96E-09
6906144144323	690614	4144323	RESIDENT	5.08E-03	1.98E-05	5.85E-03	9.36E-06	1.76E-06	6.85E-09	6.11E-06	9.78E-09
6906194144323	690619	4144323	RESIDENT	4.94E-03	1.94E-05	5.69E-03	9.19E-06	1.71E-06	6.73E-09	5.95E-06	9.61E-09
6906244144323	690624	4144323	RESIDENT	4.81E-03	1.91E-05	5.54E-03	9.03E-06	1.67E-06	6.61E-09	5.79E-06	9.44E-09
6906294144323	690629	4144323	RESIDENT	4.69E-03	1.88E-05	5.40E-03	8.87E-06	1.62E-06	6.49E-09	5.64E-06	9.27E-09
6906344144323	690634	4144323	RESIDENT	4.57E-03	1.84E-05	5.26E-03	8.72E-06	1.58E-06	6.38E-09	5.50E-06	9.12E-09
6906394144323	690639	4144323	RESIDENT	4.45E-03	1.81E-05	5.13E-03	8.57E-06	1.54E-06	6.27E-09	5.36E-06	8.96E-09
6906444144323	690644	4144323	RESIDENT	4.34E-03	1.78E-05	5.00E-03	8.43E-06	1.50E-06	6.17E-09	5.23E-06	8.81E-09
6906494144323	690649	4144323	RESIDENT	4.23E-03	1.75E-05	4.88E-03	8.29E-06	1.47E-06	6.06E-09	5.10E-06	8.66E-09
6906544144323	690654	4144323	RESIDENT	4.13E-03	1.72E-05	4.76E-03	8.15E-06	1.43E-06	5.96E-09	4.97E-06	8.52E-09
6906594144323	690659	4144323	RESIDENT	4.03E-03	1.69E-05	4.65E-03	8.01E-06	1.40E-06	5.86E-09	4.86E-06	8.38E-09
6906644144323	690664	4144323	RESIDENT	3.94E-03	1.67E-05	4.54E-03	7.88E-06	1.36E-06	5.77E-09	4.74E-06	8.24E-09
6906694144323	690669	4144323	RESIDENT	3.85E-03	1.64E-05	4.43E-03	7.76E-06	1.33E-06	5.68E-09	4.63E-06	8.11E-09
6906744144323	690674	4144323	RESIDENT	3.76E-03	1.61E-05	4.33E-03	7.63E-06	1.30E-06	5.58E-09	4.52E-06	7.98E-09
6906794144323	690679	4144323	RESIDENT	3.67E-03	1.59E-05	4.23E-03	7.51E-06	1.27E-06	5.49E-09	4.42E-06	7.85E-09
6906844144323	690684	4144323	RESIDENT	3.59E-03	1.56E-05	4.14E-03	7.39E-06	1.24E-06	5.41E-09	4.32E-06	7.72E-09
6906894144323	690689	4144323	RESIDENT	3.51E-03	1.54E-05	4.05E-03	7.27E-06	1.22E-06	5.32E-09	4.23E-06	7.60E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6906944144323	690694	4144323	RESIDENT	3.44E-03	1.51E-05	3.96E-03	7.16E-06	1.19E-06	5.24E-09	4.14E-06	7.48E-09
6906994144323	690699	4144323	RESIDENT	3.36E-03	1.49E-05	3.87E-03	7.05E-06	1.16E-06	5.16E-09	4.05E-06	7.37E-09
6907044144323	690704	4144323	RESIDENT	3.29E-03	1.47E-05	3.79E-03	6.94E-06	1.14E-06	5.08E-09	3.96E-06	7.25E-09
6907094144323	690709	4144323	RESIDENT	3.22E-03	1.44E-05	3.71E-03	6.83E-06	1.12E-06	5.00E-09	3.88E-06	7.14E-09
6907144144323	690714	4144323	RESIDENT	3.16E-03	1.42E-05	3.64E-03	6.73E-06	1.09E-06	4.92E-09	3.80E-06	7.03E-09
6906094144328	690609	4144328	RESIDENT	5.11E-03	2.01E-05	5.88E-03	9.52E-06	1.77E-06	6.97E-09	6.15E-06	9.95E-09
6906144144328	690614	4144328	RESIDENT	4.97E-03	1.98E-05	5.72E-03	9.35E-06	1.72E-06	6.84E-09	5.98E-06	9.77E-09
6906194144328	690619	4144328	RESIDENT	4.84E-03	1.94E-05	5.57E-03	9.18E-06	1.68E-06	6.72E-09	5.82E-06	9.60E-09
6906244144328	690624	4144328	RESIDENT	4.71E-03	1.91E-05	5.43E-03	9.02E-06	1.63E-06	6.60E-09	5.67E-06	9.43E-09
6906294144328	690629	4144328	RESIDENT	4.59E-03	1.87E-05	5.29E-03	8.87E-06	1.59E-06	6.49E-09	5.53E-06	9.27E-09
6906344144328	690634	4144328	RESIDENT	4.48E-03	1.84E-05	5.15E-03	8.71E-06	1.55E-06	6.38E-09	5.39E-06	9.11E-09
6906394144328	690639	4144328	RESIDENT	4.36E-03	1.81E-05	5.02E-03	8.56E-06	1.51E-06	6.27E-09	5.25E-06	8.95E-09
6906444144328	690644	4144328	RESIDENT	4.26E-03	1.78E-05	4.90E-03	8.42E-06	1.47E-06	6.16E-09	5.12E-06	8.80E-09
6906494144328	690649	4144328	RESIDENT	4.15E-03	1.75E-05	4.78E-03	8.28E-06	1.44E-06	6.06E-09	5.00E-06	8.65E-09
6906544144328	690654	4144328	RESIDENT	4.05E-03	1.72E-05	4.67E-03	8.14E-06	1.40E-06	5.96E-09	4.88E-06	8.51E-09
6906594144328	690659	4144328	RESIDENT	3.96E-03	1.69E-05	4.56E-03	8.01E-06	1.37E-06	5.86E-09	4.76E-06	8.37E-09
6906644144328	690664	4144328	RESIDENT	3.86E-03	1.66E-05	4.45E-03	7.87E-06	1.34E-06	5.76E-09	4.65E-06	8.23E-09
6906694144328	690669	4144328	RESIDENT	3.78E-03	1.64E-05	4.35E-03	7.75E-06	1.31E-06	5.67E-09	4.54E-06	8.10E-09
6906744144328	690674	4144328	RESIDENT	3.69E-03	1.61E-05	4.25E-03	7.62E-06	1.28E-06	5.58E-09	4.44E-06	7.97E-09
6906794144328	690679	4144328	RESIDENT	3.61E-03	1.59E-05	4.15E-03	7.50E-06	1.25E-06	5.49E-09	4.34E-06	7.84E-09
6906844144328	690684	4144328	RESIDENT	3.53E-03	1.56E-05	4.06E-03	7.38E-06	1.22E-06	5.40E-09	4.24E-06	7.71E-09
6906894144328	690689	4144328	RESIDENT	3.45E-03	1.54E-05	3.97E-03	7.26E-06	1.19E-06	5.32E-09	4.15E-06	7.59E-09
6906944144328	690694	4144328	RESIDENT	3.38E-03	1.51E-05	3.89E-03	7.15E-06	1.17E-06	5.23E-09	4.06E-06	7.47E-09
6906994144328	690699	4144328	RESIDENT	3.30E-03	1.49E-05	3.80E-03	7.04E-06	1.14E-06	5.15E-09	3.98E-06	7.36E-09
6907044144328	690704	4144328	RESIDENT	3.23E-03	1.46E-05	3.72E-03	6.93E-06	1.12E-06	5.07E-09	3.89E-06	7.24E-09
6907094144328	690709	4144328	RESIDENT	3.17E-03	1.44E-05	3.65E-03	6.82E-06	1.10E-06	4.99E-09	3.81E-06	7.13E-09
6907144144328	690714	4144328	RESIDENT	3.10E-03	1.42E-05	3.57E-03	6.72E-06	1.07E-06	4.92E-09	3.73E-06	7.02E-09
6906094144333	690609	4144333	RESIDENT	5.00E-03	2.01E-05	5.76E-03	9.51E-06	1.73E-06	6.96E-09	6.02E-06	9.94E-09
6906144144333	690614	4144333	RESIDENT	4.86E-03	1.97E-05	5.60E-03	9.34E-06	1.68E-06	6.84E-09	5.86E-06	9.76E-09
6906194144333	690619	4144333	RESIDENT	4.74E-03	1.94E-05	5.45E-03	9.17E-06	1.64E-06	6.71E-09	5.70E-06	9.59E-09
6906244144333	690624	4144333	RESIDENT	4.61E-03	1.91E-05	5.31E-03	9.01E-06	1.60E-06	6.60E-09	5.55E-06	9.42E-09
6906294144333	690629	4144333	RESIDENT	4.50E-03	1.87E-05	5.18E-03	8.86E-06	1.56E-06	6.48E-09	5.41E-06	9.26E-09
6906344144333	690634	4144333	RESIDENT	4.38E-03	1.84E-05	5.05E-03	8.70E-06	1.52E-06	6.37E-09	5.28E-06	9.10E-09
6906394144333	690639	4144333	RESIDENT	4.27E-03	1.81E-05	4.92E-03	8.56E-06	1.48E-06	6.26E-09	5.14E-06	8.94E-09
6906444144333	690644	4144333	RESIDENT	4.17E-03	1.78E-05	4.80E-03	8.41E-06	1.44E-06	6.15E-09	5.02E-06	8.79E-09
6906494144333	690649	4144333	RESIDENT	4.07E-03	1.75E-05	4.69E-03	8.27E-06	1.41E-06	6.05E-09	4.90E-06	8.64E-09
6906544144333	690654	4144333	RESIDENT	3.97E-03	1.72E-05	4.57E-03	8.13E-06	1.38E-06	5.95E-09	4.78E-06	8.50E-09
6906594144333	690659	4144333	RESIDENT	3.88E-03	1.69E-05	4.47E-03	8.00E-06	1.34E-06	5.85E-09	4.67E-06	8.36E-09
6906644144333	690664	4144333	RESIDENT	3.79E-03	1.66E-05	4.36E-03	7.87E-06	1.31E-06	5.76E-09	4.56E-06	8.22E-09
6906694144333	690669	4144333	RESIDENT	3.70E-03	1.64E-05	4.26E-03	7.74E-06	1.28E-06	5.66E-09	4.46E-06	8.09E-09
6906744144333	690674	4144333	RESIDENT	3.62E-03	1.61E-05	4.17E-03	7.61E-06	1.25E-06	5.57E-09	4.36E-06	7.96E-09
6906794144333	690679	4144333	RESIDENT	3.54E-03	1.58E-05	4.08E-03	7.49E-06	1.23E-06	5.48E-09	4.26E-06	7.83E-09
6906844144333	690684	4144333	RESIDENT	3.46E-03	1.56E-05	3.99E-03	7.37E-06	1.20E-06	5.39E-09	4.17E-06	7.70E-09
6906894144333	690689	4144333	RESIDENT	3.39E-03	1.53E-05	3.90E-03	7.25E-06	1.17E-06	5.31E-09	4.08E-06	7.58E-09
6906944144333	690694	4144333	RESIDENT	3.31E-03	1.51E-05	3.82E-03	7.14E-06	1.15E-06	5.23E-09	3.99E-06	7.46E-09
6906994144333	690699	4144333	RESIDENT	3.24E-03	1.49E-05	3.74E-03	7.03E-06	1.12E-06	5.14E-09	3.91E-06	7.35E-09
6907044144333	690704	4144333	RESIDENT	3.18E-03	1.46E-05	3.66E-03	6.92E-06	1.10E-06	5.06E-09	3.82E-06	7.23E-09
6907094144333	690709	4144333	RESIDENT	3.11E-03	1.44E-05	3.58E-03	6.81E-06	1.08E-06	4.99E-09	3.75E-06	7.12E-09
6907144144333	690714	4144333	RESIDENT	3.05E-03	1.42E-05	3.51E-03	6.71E-06	1.06E-06	4.91E-09	3.67E-06	7.01E-09
6906094144338	690609	4144338	RESIDENT	4.89E-03	2.01E-05	5.63E-03	9.50E-06	1.69E-06	6.95E-09	5.89E-06	9.93E-09
6906144144338	690614	4144338	RESIDENT	4.76E-03	1.97E-05	5.48E-03	9.33E-06	1.65E-06	6.83E-09	5.73E-06	9.75E-09
6906194144338	690619	4144338	RESIDENT	4.64E-03	1.94E-05	5.34E-03	9.17E-06	1.60E-06	6.71E-09	5.58E-06	9.58E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6906244144338	690624	4144338	RESIDENT	4.52E-03	1.90E-05	5.20E-03	9.01E-06	1.56E-06	6.59E-09	5.44E-06	9.41E-09
6906294144338	690629	4144338	RESIDENT	4.40E-03	1.87E-05	5.07E-03	8.85E-06	1.52E-06	6.48E-09	5.30E-06	9.25E-09
6906344144338	690634	4144338	RESIDENT	4.29E-03	1.84E-05	4.94E-03	8.70E-06	1.49E-06	6.36E-09	5.17E-06	9.09E-09
6906394144338	690639	4144338	RESIDENT	4.19E-03	1.81E-05	4.82E-03	8.55E-06	1.45E-06	6.25E-09	5.04E-06	8.93E-09
6906444144338	690644	4144338	RESIDENT	4.08E-03	1.78E-05	4.70E-03	8.40E-06	1.41E-06	6.15E-09	4.92E-06	8.78E-09
6906494144338	690649	4144338	RESIDENT	3.99E-03	1.75E-05	4.59E-03	8.26E-06	1.38E-06	6.05E-09	4.80E-06	8.63E-09
6906544144338	690654	4144338	RESIDENT	3.89E-03	1.72E-05	4.48E-03	8.12E-06	1.35E-06	5.94E-09	4.69E-06	8.49E-09
6906594144338	690659	4144338	RESIDENT	3.80E-03	1.69E-05	4.38E-03	7.99E-06	1.32E-06	5.85E-09	4.58E-06	8.35E-09
6906644144338	690664	4144338	RESIDENT	3.72E-03	1.66E-05	4.28E-03	7.86E-06	1.29E-06	5.75E-09	4.47E-06	8.21E-09
6906694144338	690669	4144338	RESIDENT	3.63E-03	1.63E-05	4.18E-03	7.73E-06	1.26E-06	5.66E-09	4.37E-06	8.08E-09
6906744144338	690674	4144338	RESIDENT	3.55E-03	1.61E-05	4.09E-03	7.60E-06	1.23E-06	5.56E-09	4.27E-06	7.95E-09
6906794144338	690679	4144338	RESIDENT	3.47E-03	1.58E-05	4.00E-03	7.48E-06	1.20E-06	5.47E-09	4.18E-06	7.82E-09
6906844144338	690684	4144338	RESIDENT	3.40E-03	1.56E-05	3.91E-03	7.36E-06	1.18E-06	5.39E-09	4.09E-06	7.69E-09
6906894144338	690689	4144338	RESIDENT	3.32E-03	1.53E-05	3.83E-03	7.24E-06	1.15E-06	5.30E-09	4.00E-06	7.57E-09
6906944144338	690694	4144338	RESIDENT	3.25E-03	1.51E-05	3.75E-03	7.13E-06	1.13E-06	5.22E-09	3.92E-06	7.45E-09
6906994144338	690699	4144338	RESIDENT	3.19E-03	1.48E-05	3.67E-03	7.02E-06	1.10E-06	5.14E-09	3.83E-06	7.34E-09
6907044144338	690704	4144338	RESIDENT	3.12E-03	1.46E-05	3.59E-03	6.91E-06	1.08E-06	5.06E-09	3.76E-06	7.22E-09
6907094144338	690709	4144338	RESIDENT	3.06E-03	1.44E-05	3.52E-03	6.80E-06	1.06E-06	4.98E-09	3.68E-06	7.11E-09
6907144144338	690714	4144338	RESIDENT	3.00E-03	1.42E-05	3.45E-03	6.70E-06	1.04E-06	4.90E-09	3.60E-06	7.00E-09
6906094144343	690609	4144343	RESIDENT	4.78E-03	2.01E-05	5.51E-03	9.49E-06	1.65E-06	6.95E-09	5.75E-06	9.92E-09
6906144144343	690614	4144343	RESIDENT	4.66E-03	1.97E-05	5.36E-03	9.32E-06	1.61E-06	6.82E-09	5.60E-06	9.75E-09
6906194144343	690619	4144343	RESIDENT	4.54E-03	1.94E-05	5.22E-03	9.16E-06	1.57E-06	6.70E-09	5.46E-06	9.57E-09
6906244144343	690624	4144343	RESIDENT	4.42E-03	1.90E-05	5.09E-03	9.00E-06	1.53E-06	6.58E-09	5.32E-06	9.40E-09
6906294144343	690629	4144343	RESIDENT	4.31E-03	1.87E-05	4.96E-03	8.84E-06	1.49E-06	6.47E-09	5.19E-06	9.24E-09
6906344144343	690634	4144343	RESIDENT	4.20E-03	1.84E-05	4.84E-03	8.69E-06	1.45E-06	6.36E-09	5.06E-06	9.08E-09
6906394144343	690639	4144343	RESIDENT	4.10E-03	1.81E-05	4.72E-03	8.54E-06	1.42E-06	6.25E-09	4.93E-06	8.92E-09
6906444144343	690644	4144343	RESIDENT	4.00E-03	1.77E-05	4.61E-03	8.39E-06	1.39E-06	6.14E-09	4.82E-06	8.77E-09
6906494144343	690649	4144343	RESIDENT	3.91E-03	1.74E-05	4.50E-03	8.25E-06	1.35E-06	6.04E-09	4.70E-06	8.62E-09
6906544144343	690654	4144343	RESIDENT	3.82E-03	1.72E-05	4.39E-03	8.11E-06	1.32E-06	5.94E-09	4.59E-06	8.48E-09
6906594144343	690659	4144343	RESIDENT	3.73E-03	1.69E-05	4.29E-03	7.98E-06	1.29E-06	5.84E-09	4.49E-06	8.34E-09
6906644144343	690664	4144343	RESIDENT	3.64E-03	1.66E-05	4.20E-03	7.85E-06	1.26E-06	5.74E-09	4.38E-06	8.20E-09
6906694144343	690669	4144343	RESIDENT	3.56E-03	1.63E-05	4.10E-03	7.72E-06	1.23E-06	5.65E-09	4.29E-06	8.07E-09
6906744144343	690674	4144343	RESIDENT	3.48E-03	1.61E-05	4.01E-03	7.59E-06	1.21E-06	5.56E-09	4.19E-06	7.94E-09
6906794144343	690679	4144343	RESIDENT	3.41E-03	1.58E-05	3.92E-03	7.47E-06	1.18E-06	5.47E-09	4.10E-06	7.81E-09
6906844144343	690684	4144343	RESIDENT	3.33E-03	1.55E-05	3.84E-03	7.35E-06	1.15E-06	5.38E-09	4.01E-06	7.68E-09
6906894144343	690689	4144343	RESIDENT	3.26E-03	1.53E-05	3.76E-03	7.23E-06	1.13E-06	5.29E-09	3.93E-06	7.56E-09
6906944144343	690694	4144343	RESIDENT	3.19E-03	1.51E-05	3.68E-03	7.12E-06	1.11E-06	5.21E-09	3.84E-06	7.44E-09
6906994144343	690699	4144343	RESIDENT	3.13E-03	1.48E-05	3.60E-03	7.01E-06	1.08E-06	5.13E-09	3.76E-06	7.33E-09
6907044144343	690704	4144343	RESIDENT	3.06E-03	1.46E-05	3.53E-03	6.90E-06	1.06E-06	5.05E-09	3.69E-06	7.21E-09
6907094144343	690709	4144343	RESIDENT	3.00E-03	1.44E-05	3.46E-03	6.79E-06	1.04E-06	4.97E-09	3.61E-06	7.10E-09
6907144144343	690714	4144343	RESIDENT	2.94E-03	1.41E-05	3.39E-03	6.69E-06	1.02E-06	4.89E-09	3.54E-06	6.99E-09
6906094144348	690609	4144348	RESIDENT	4.67E-03	2.01E-05	5.38E-03	9.49E-06	1.62E-06	6.94E-09	5.63E-06	9.91E-09
6906144144348	690614	4144348	RESIDENT	4.55E-03	1.97E-05	5.24E-03	9.32E-06	1.58E-06	6.82E-09	5.48E-06	9.74E-09
6906194144348	690619	4144348	RESIDENT	4.44E-03	1.93E-05	5.11E-03	9.15E-06	1.54E-06	6.70E-09	5.34E-06	9.56E-09
6906244144348	690624	4144348	RESIDENT	4.32E-03	1.90E-05	4.98E-03	8.99E-06	1.50E-06	6.58E-09	5.21E-06	9.39E-09
6906294144348	690629	4144348	RESIDENT	4.22E-03	1.87E-05	4.86E-03	8.83E-06	1.46E-06	6.46E-09	5.08E-06	9.23E-09
6906344144348	690634	4144348	RESIDENT	4.11E-03	1.83E-05	4.74E-03	8.68E-06	1.42E-06	6.35E-09	4.95E-06	9.07E-09
6906394144348	690639	4144348	RESIDENT	4.01E-03	1.80E-05	4.62E-03	8.53E-06	1.39E-06	6.24E-09	4.83E-06	8.91E-09
6906444144348	690644	4144348	RESIDENT	3.92E-03	1.77E-05	4.51E-03	8.38E-06	1.36E-06	6.14E-09	4.72E-06	8.76E-09
6906494144348	690649	4144348	RESIDENT	3.83E-03	1.74E-05	4.41E-03	8.24E-06	1.32E-06	6.03E-09	4.61E-06	8.61E-09
6906544144348	690654	4144348	RESIDENT	3.74E-03	1.71E-05	4.30E-03	8.10E-06	1.29E-06	5.93E-09	4.50E-06	8.47E-09
6906594144348	690659	4144348	RESIDENT	3.65E-03	1.68E-05	4.21E-03	7.97E-06	1.26E-06	5.83E-09	4.40E-06	8.33E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6906644144348	690664	4144348	RESIDENT	3.57E-03	1.66E-05	4.11E-03	7.84E-06	1.24E-06	5.74E-09	4.30E-06	8.19E-09
6906694144348	690669	4144348	RESIDENT	3.49E-03	1.63E-05	4.02E-03	7.71E-06	1.21E-06	5.64E-09	4.20E-06	8.06E-09
6906744144348	690674	4144348	RESIDENT	3.42E-03	1.60E-05	3.93E-03	7.58E-06	1.18E-06	5.55E-09	4.11E-06	7.93E-09
6906794144348	690679	4144348	RESIDENT	3.34E-03	1.58E-05	3.85E-03	7.46E-06	1.16E-06	5.46E-09	4.02E-06	7.80E-09
6906844144348	690684	4144348	RESIDENT	3.27E-03	1.55E-05	3.77E-03	7.34E-06	1.13E-06	5.37E-09	3.94E-06	7.67E-09
6906894144348	690689	4144348	RESIDENT	3.20E-03	1.53E-05	3.69E-03	7.22E-06	1.11E-06	5.29E-09	3.85E-06	7.55E-09
6906944144348	690694	4144348	RESIDENT	3.13E-03	1.50E-05	3.61E-03	7.11E-06	1.08E-06	5.20E-09	3.77E-06	7.43E-09
6906994144348	690699	4144348	RESIDENT	3.07E-03	1.48E-05	3.54E-03	7.00E-06	1.06E-06	5.12E-09	3.70E-06	7.32E-09
6907044144348	690704	4144348	RESIDENT	3.01E-03	1.46E-05	3.46E-03	6.89E-06	1.04E-06	5.04E-09	3.62E-06	7.20E-09
6907094144348	690709	4144348	RESIDENT	2.95E-03	1.43E-05	3.39E-03	6.78E-06	1.02E-06	4.96E-09	3.55E-06	7.09E-09
6907144144348	690714	4144348	RESIDENT	2.89E-03	1.41E-05	3.33E-03	6.68E-06	1.00E-06	4.89E-09	3.48E-06	6.98E-09
6894534144161	689453	4144161	RESIDENT	8.11E-04	5.71E-06	9.34E-04	2.70E-06	2.81E-07	1.98E-09	9.76E-07	2.82E-09
6894584144161	689458	4144161	RESIDENT	8.16E-04	5.76E-06	9.39E-04	2.72E-06	2.82E-07	1.99E-09	9.82E-07	2.85E-09
6894634144161	689463	4144161	RESIDENT	8.20E-04	5.81E-06	9.44E-04	2.75E-06	2.84E-07	2.01E-09	9.87E-07	2.87E-09
6894684144161	689468	4144161	RESIDENT	8.24E-04	5.87E-06	9.49E-04	2.78E-06	2.85E-07	2.03E-09	9.92E-07	2.90E-09
6894734144161	689473	4144161	RESIDENT	8.29E-04	5.92E-06	9.55E-04	2.80E-06	2.87E-07	2.05E-09	9.98E-07	2.93E-09
6894784144161	689478	4144161	RESIDENT	8.34E-04	5.98E-06	9.60E-04	2.83E-06	2.89E-07	2.07E-09	1.00E-06	2.96E-09
6894834144161	689483	4144161	RESIDENT	8.38E-04	6.03E-06	9.65E-04	2.85E-06	2.90E-07	2.09E-09	1.01E-06	2.98E-09
6894884144161	689488	4144161	RESIDENT	8.43E-04	6.09E-06	9.71E-04	2.88E-06	2.92E-07	2.11E-09	1.02E-06	3.01E-09
6894934144161	689493	4144161	RESIDENT	8.48E-04	6.15E-06	9.77E-04	2.91E-06	2.94E-07	2.13E-09	1.02E-06	3.04E-09
6894984144161	689498	4144161	RESIDENT	8.53E-04	6.21E-06	9.83E-04	2.94E-06	2.95E-07	2.15E-09	1.03E-06	3.07E-09
6895034144161	689503	4144161	RESIDENT	8.59E-04	6.27E-06	9.89E-04	2.96E-06	2.97E-07	2.17E-09	1.03E-06	3.10E-09
6895084144161	689508	4144161	RESIDENT	8.64E-04	6.33E-06	9.95E-04	2.99E-06	2.99E-07	2.19E-09	1.04E-06	3.13E-09
6895134144161	689513	4144161	RESIDENT	8.70E-04	6.39E-06	1.00E-03	3.02E-06	3.01E-07	2.21E-09	1.05E-06	3.16E-09
6895184144161	689518	4144161	RESIDENT	8.75E-04	6.45E-06	1.01E-03	3.05E-06	3.03E-07	2.23E-09	1.05E-06	3.19E-09
6895234144161	689523	4144161	RESIDENT	8.81E-04	6.51E-06	1.01E-03	3.08E-06	3.05E-07	2.25E-09	1.06E-06	3.22E-09
6895284144161	689528	4144161	RESIDENT	8.87E-04	6.57E-06	1.02E-03	3.11E-06	3.07E-07	2.28E-09	1.07E-06	3.25E-09
6895334144161	689533	4144161	RESIDENT	8.93E-04	6.64E-06	1.03E-03	3.14E-06	3.09E-07	2.30E-09	1.08E-06	3.28E-09
6895384144161	689538	4144161	RESIDENT	9.00E-04	6.70E-06	1.04E-03	3.17E-06	3.11E-07	2.32E-09	1.08E-06	3.31E-09
6895434144161	689543	4144161	RESIDENT	9.06E-04	6.77E-06	1.04E-03	3.20E-06	3.14E-07	2.34E-09	1.09E-06	3.35E-09
6895484144161	689548	4144161	RESIDENT	9.13E-04	6.84E-06	1.05E-03	3.23E-06	3.16E-07	2.37E-09	1.10E-06	3.38E-09
6895534144161	689553	4144161	RESIDENT	9.20E-04	6.90E-06	1.06E-03	3.27E-06	3.18E-07	2.39E-09	1.11E-06	3.41E-09
6895584144161	689558	4144161	RESIDENT	9.27E-04	6.97E-06	1.07E-03	3.30E-06	3.21E-07	2.41E-09	1.12E-06	3.45E-09
6895634144161	689563	4144161	RESIDENT	9.34E-04	7.04E-06	1.08E-03	3.33E-06	3.23E-07	2.44E-09	1.12E-06	3.48E-09
6895684144161	689568	4144161	RESIDENT	9.42E-04	7.11E-06	1.08E-03	3.36E-06	3.26E-07	2.46E-09	1.13E-06	3.52E-09
6895734144161	689573	4144161	RESIDENT	9.49E-04	7.18E-06	1.09E-03	3.40E-06	3.29E-07	2.49E-09	1.14E-06	3.55E-09
6895784144161	689578	4144161	RESIDENT	9.57E-04	7.26E-06	1.10E-03	3.43E-06	3.31E-07	2.51E-09	1.15E-06	3.59E-09
6895834144161	689583	4144161	RESIDENT	9.66E-04	7.33E-06	1.11E-03	3.47E-06	3.34E-07	2.54E-09	1.16E-06	3.62E-09
6895884144161	689588	4144161	RESIDENT	9.74E-04	7.40E-06	1.12E-03	3.50E-06	3.37E-07	2.56E-09	1.17E-06	3.66E-09
6895934144161	689593	4144161	RESIDENT	9.83E-04	7.48E-06	1.13E-03	3.54E-06	3.40E-07	2.59E-09	1.18E-06	3.70E-09
6895984144161	689598	4144161	RESIDENT	9.92E-04	7.56E-06	1.14E-03	3.58E-06	3.43E-07	2.62E-09	1.19E-06	3.74E-09
6896034144161	689603	4144161	RESIDENT	1.00E-03	7.64E-06	1.15E-03	3.61E-06	3.46E-07	2.64E-09	1.20E-06	3.78E-09
6896084144161	689608	4144161	RESIDENT	1.01E-03	7.72E-06	1.16E-03	3.65E-06	3.50E-07	2.67E-09	1.22E-06	3.82E-09
6896134144161	689613	4144161	RESIDENT	1.02E-03	7.80E-06	1.17E-03	3.69E-06	3.53E-07	2.70E-09	1.23E-06	3.86E-09
6896184144161	689618	4144161	RESIDENT	1.03E-03	7.88E-06	1.19E-03	3.73E-06	3.57E-07	2.73E-09	1.24E-06	3.90E-09
6896234144161	689623	4144161	RESIDENT	1.04E-03	7.96E-06	1.20E-03	3.77E-06	3.60E-07	2.76E-09	1.25E-06	3.94E-09
6896284144161	689628	4144161	RESIDENT	1.05E-03	8.05E-06	1.21E-03	3.81E-06	3.64E-07	2.79E-09	1.27E-06	3.98E-09
6896334144161	689633	4144161	RESIDENT	1.06E-03	8.13E-06	1.22E-03	3.85E-06	3.68E-07	2.82E-09	1.28E-06	4.02E-09
6896384144161	689638	4144161	RESIDENT	1.07E-03	8.22E-06	1.24E-03	3.89E-06	3.72E-07	2.85E-09	1.29E-06	4.07E-09
6896434144161	689643	4144161	RESIDENT	1.09E-03	8.31E-06	1.25E-03	3.93E-06	3.76E-07	2.88E-09	1.31E-06	4.11E-09
6896484144161	689648	4144161	RESIDENT	1.10E-03	8.40E-06	1.26E-03	3.98E-06	3.80E-07	2.91E-09	1.32E-06	4.15E-09
6894534144166	689453	4144166	RESIDENT	8.31E-04	5.73E-06	9.57E-04	2.71E-06	2.88E-07	1.98E-09	1.00E-06	2.83E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6894584144166	689458	4144166	RESIDENT	8.35E-04	5.79E-06	9.62E-04	2.74E-06	2.89E-07	2.00E-09	1.01E-06	2.86E-09
6894634144166	689463	4144166	RESIDENT	8.39E-04	5.84E-06	9.67E-04	2.76E-06	2.91E-07	2.02E-09	1.01E-06	2.89E-09
6894684144166	689468	4144166	RESIDENT	8.44E-04	5.89E-06	9.72E-04	2.79E-06	2.92E-07	2.04E-09	1.02E-06	2.91E-09
6894734144166	689473	4144166	RESIDENT	8.49E-04	5.95E-06	9.77E-04	2.81E-06	2.94E-07	2.06E-09	1.02E-06	2.94E-09
6894784144166	689478	4144166	RESIDENT	8.53E-04	6.00E-06	9.83E-04	2.84E-06	2.95E-07	2.08E-09	1.03E-06	2.97E-09
6894834144166	689483	4144166	RESIDENT	8.58E-04	6.06E-06	9.88E-04	2.87E-06	2.97E-07	2.10E-09	1.03E-06	3.00E-09
6894884144166	689488	4144166	RESIDENT	8.63E-04	6.12E-06	9.94E-04	2.89E-06	2.99E-07	2.12E-09	1.04E-06	3.02E-09
6894934144166	689493	4144166	RESIDENT	8.68E-04	6.18E-06	1.00E-03	2.92E-06	3.00E-07	2.14E-09	1.04E-06	3.05E-09
6894984144166	689498	4144166	RESIDENT	8.73E-04	6.23E-06	1.01E-03	2.95E-06	3.02E-07	2.16E-09	1.05E-06	3.08E-09
6895034144166	689503	4144166	RESIDENT	8.79E-04	6.29E-06	1.01E-03	2.98E-06	3.04E-07	2.18E-09	1.06E-06	3.11E-09
6895084144166	689508	4144166	RESIDENT	8.84E-04	6.35E-06	1.02E-03	3.01E-06	3.06E-07	2.20E-09	1.06E-06	3.14E-09
6895134144166	689513	4144166	RESIDENT	8.90E-04	6.41E-06	1.02E-03	3.03E-06	3.08E-07	2.22E-09	1.07E-06	3.17E-09
6895184144166	689518	4144166	RESIDENT	8.95E-04	6.48E-06	1.03E-03	3.06E-06	3.10E-07	2.24E-09	1.08E-06	3.20E-09
6895234144166	689523	4144166	RESIDENT	9.01E-04	6.54E-06	1.04E-03	3.09E-06	3.12E-07	2.26E-09	1.08E-06	3.23E-09
6895284144166	689528	4144166	RESIDENT	9.07E-04	6.60E-06	1.04E-03	3.12E-06	3.14E-07	2.29E-09	1.09E-06	3.26E-09
6895334144166	689533	4144166	RESIDENT	9.13E-04	6.67E-06	1.05E-03	3.15E-06	3.16E-07	2.31E-09	1.10E-06	3.30E-09
6895384144166	689538	4144166	RESIDENT	9.20E-04	6.73E-06	1.06E-03	3.18E-06	3.18E-07	2.33E-09	1.11E-06	3.33E-09
6895434144166	689543	4144166	RESIDENT	9.26E-04	6.80E-06	1.07E-03	3.21E-06	3.21E-07	2.35E-09	1.11E-06	3.36E-09
6895484144166	689548	4144166	RESIDENT	9.33E-04	6.86E-06	1.07E-03	3.25E-06	3.23E-07	2.38E-09	1.12E-06	3.39E-09
6895534144166	689553	4144166	RESIDENT	9.40E-04	6.93E-06	1.08E-03	3.28E-06	3.25E-07	2.40E-09	1.13E-06	3.43E-09
6895584144166	689558	4144166	RESIDENT	9.47E-04	7.00E-06	1.09E-03	3.31E-06	3.28E-07	2.42E-09	1.14E-06	3.46E-09
6895634144166	689563	4144166	RESIDENT	9.54E-04	7.07E-06	1.10E-03	3.34E-06	3.30E-07	2.45E-09	1.15E-06	3.50E-09
6895684144166	689568	4144166	RESIDENT	9.62E-04	7.14E-06	1.11E-03	3.38E-06	3.33E-07	2.47E-09	1.16E-06	3.53E-09
6895734144166	689573	4144166	RESIDENT	9.70E-04	7.21E-06	1.12E-03	3.41E-06	3.36E-07	2.50E-09	1.17E-06	3.57E-09
6895784144166	689578	4144166	RESIDENT	9.78E-04	7.28E-06	1.13E-03	3.45E-06	3.38E-07	2.52E-09	1.18E-06	3.60E-09
6895834144166	689583	4144166	RESIDENT	9.86E-04	7.36E-06	1.14E-03	3.48E-06	3.41E-07	2.55E-09	1.19E-06	3.64E-09
6895884144166	689588	4144166	RESIDENT	9.94E-04	7.43E-06	1.14E-03	3.52E-06	3.44E-07	2.57E-09	1.20E-06	3.68E-09
6895934144166	689593	4144166	RESIDENT	1.00E-03	7.51E-06	1.15E-03	3.55E-06	3.47E-07	2.60E-09	1.21E-06	3.71E-09
6895984144166	689598	4144166	RESIDENT	1.01E-03	7.59E-06	1.16E-03	3.59E-06	3.50E-07	2.63E-09	1.22E-06	3.75E-09
6896034144166	689603	4144166	RESIDENT	1.02E-03	7.67E-06	1.18E-03	3.63E-06	3.53E-07	2.65E-09	1.23E-06	3.79E-09
6896084144166	689608	4144166	RESIDENT	1.03E-03	7.75E-06	1.19E-03	3.66E-06	3.57E-07	2.68E-09	1.24E-06	3.83E-09
6896134144166	689613	4144166	RESIDENT	1.04E-03	7.83E-06	1.20E-03	3.70E-06	3.60E-07	2.71E-09	1.25E-06	3.87E-09
6896184144166	689618	4144166	RESIDENT	1.05E-03	7.91E-06	1.21E-03	3.74E-06	3.64E-07	2.74E-09	1.26E-06	3.91E-09
6896234144166	689623	4144166	RESIDENT	1.06E-03	7.99E-06	1.22E-03	3.78E-06	3.67E-07	2.77E-09	1.28E-06	3.95E-09
6896284144166	689628	4144166	RESIDENT	1.07E-03	8.08E-06	1.23E-03	3.82E-06	3.71E-07	2.80E-09	1.29E-06	3.99E-09
6896334144166	689633	4144166	RESIDENT	1.08E-03	8.16E-06	1.25E-03	3.86E-06	3.75E-07	2.83E-09	1.30E-06	4.04E-09
6896384144166	689638	4144166	RESIDENT	1.09E-03	8.25E-06	1.26E-03	3.90E-06	3.79E-07	2.86E-09	1.32E-06	4.08E-09
6896434144166	689643	4144166	RESIDENT	1.11E-03	8.34E-06	1.27E-03	3.95E-06	3.83E-07	2.89E-09	1.33E-06	4.12E-09
6896484144166	689648	4144166	RESIDENT	1.12E-03	8.43E-06	1.29E-03	3.99E-06	3.87E-07	2.92E-09	1.35E-06	4.17E-09
6894534144171	689453	4144171	RESIDENT	8.51E-04	5.76E-06	9.80E-04	2.72E-06	2.95E-07	1.99E-09	1.02E-06	2.85E-09
6894584144171	689458	4144171	RESIDENT	8.56E-04	5.81E-06	9.85E-04	2.75E-06	2.96E-07	2.01E-09	1.03E-06	2.87E-09
6894634144171	689463	4144171	RESIDENT	8.60E-04	5.87E-06	9.90E-04	2.78E-06	2.98E-07	2.03E-09	1.04E-06	2.90E-09
6894684144171	689468	4144171	RESIDENT	8.65E-04	5.92E-06	9.96E-04	2.80E-06	2.99E-07	2.05E-09	1.04E-06	2.93E-09
6894734144171	689473	4144171	RESIDENT	8.69E-04	5.98E-06	1.00E-03	2.83E-06	3.01E-07	2.07E-09	1.05E-06	2.95E-09
6894784144171	689478	4144171	RESIDENT	8.74E-04	6.03E-06	1.01E-03	2.85E-06	3.03E-07	2.09E-09	1.05E-06	2.98E-09
6894834144171	689483	4144171	RESIDENT	8.79E-04	6.09E-06	1.01E-03	2.88E-06	3.04E-07	2.11E-09	1.06E-06	3.01E-09
6894884144171	689488	4144171	RESIDENT	8.84E-04	6.15E-06	1.02E-03	2.91E-06	3.06E-07	2.13E-09	1.06E-06	3.04E-09
6894934144171	689493	4144171	RESIDENT	8.89E-04	6.20E-06	1.02E-03	2.93E-06	3.08E-07	2.15E-09	1.07E-06	3.07E-09
6894984144171	689498	4144171	RESIDENT	8.94E-04	6.26E-06	1.03E-03	2.96E-06	3.10E-07	2.17E-09	1.08E-06	3.10E-09
6895034144171	689503	4144171	RESIDENT	9.00E-04	6.32E-06	1.04E-03	2.99E-06	3.11E-07	2.19E-09	1.08E-06	3.13E-09
6895084144171	689508	4144171	RESIDENT	9.05E-04	6.38E-06	1.04E-03	3.02E-06	3.13E-07	2.21E-09	1.09E-06	3.15E-09
6895134144171	689513	4144171	RESIDENT	9.11E-04	6.44E-06	1.05E-03	3.05E-06	3.15E-07	2.23E-09	1.10E-06	3.18E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895184144171	689518	4144171	RESIDENT	9.16E-04	6.50E-06	1.06E-03	3.08E-06	3.17E-07	2.25E-09	1.10E-06	3.22E-09
6895234144171	689523	4144171	RESIDENT	9.22E-04	6.57E-06	1.06E-03	3.11E-06	3.19E-07	2.27E-09	1.11E-06	3.25E-09
6895284144171	689528	4144171	RESIDENT	9.28E-04	6.63E-06	1.07E-03	3.14E-06	3.21E-07	2.29E-09	1.12E-06	3.28E-09
6895334144171	689533	4144171	RESIDENT	9.35E-04	6.69E-06	1.08E-03	3.17E-06	3.24E-07	2.32E-09	1.13E-06	3.31E-09
6895384144171	689538	4144171	RESIDENT	9.41E-04	6.76E-06	1.08E-03	3.20E-06	3.26E-07	2.34E-09	1.13E-06	3.34E-09
6895434144171	689543	4144171	RESIDENT	9.48E-04	6.82E-06	1.09E-03	3.23E-06	3.28E-07	2.36E-09	1.14E-06	3.37E-09
6895484144171	689548	4144171	RESIDENT	9.54E-04	6.89E-06	1.10E-03	3.26E-06	3.30E-07	2.39E-09	1.15E-06	3.41E-09
6895534144171	689553	4144171	RESIDENT	9.61E-04	6.96E-06	1.11E-03	3.29E-06	3.33E-07	2.41E-09	1.16E-06	3.44E-09
6895584144171	689558	4144171	RESIDENT	9.68E-04	7.03E-06	1.12E-03	3.32E-06	3.35E-07	2.43E-09	1.17E-06	3.47E-09
6895634144171	689563	4144171	RESIDENT	9.76E-04	7.10E-06	1.12E-03	3.36E-06	3.38E-07	2.46E-09	1.17E-06	3.51E-09
6895684144171	689568	4144171	RESIDENT	9.83E-04	7.17E-06	1.13E-03	3.39E-06	3.40E-07	2.48E-09	1.18E-06	3.54E-09
6895734144171	689573	4144171	RESIDENT	9.91E-04	7.24E-06	1.14E-03	3.42E-06	3.43E-07	2.51E-09	1.19E-06	3.58E-09
6895784144171	689578	4144171	RESIDENT	9.99E-04	7.31E-06	1.15E-03	3.46E-06	3.46E-07	2.53E-09	1.20E-06	3.62E-09
6895834144171	689583	4144171	RESIDENT	1.01E-03	7.39E-06	1.16E-03	3.49E-06	3.49E-07	2.56E-09	1.21E-06	3.65E-09
6895884144171	689588	4144171	RESIDENT	1.02E-03	7.46E-06	1.17E-03	3.53E-06	3.52E-07	2.58E-09	1.22E-06	3.69E-09
6895934144171	689593	4144171	RESIDENT	1.02E-03	7.54E-06	1.18E-03	3.57E-06	3.55E-07	2.61E-09	1.23E-06	3.73E-09
6895984144171	689598	4144171	RESIDENT	1.03E-03	7.62E-06	1.19E-03	3.60E-06	3.58E-07	2.64E-09	1.24E-06	3.77E-09
6896034144171	689603	4144171	RESIDENT	1.04E-03	7.69E-06	1.20E-03	3.64E-06	3.61E-07	2.66E-09	1.25E-06	3.80E-09
6896084144171	689608	4144171	RESIDENT	1.05E-03	7.77E-06	1.21E-03	3.68E-06	3.64E-07	2.69E-09	1.27E-06	3.84E-09
6896134144171	689613	4144171	RESIDENT	1.06E-03	7.86E-06	1.22E-03	3.72E-06	3.68E-07	2.72E-09	1.28E-06	3.88E-09
6896184144171	689618	4144171	RESIDENT	1.07E-03	7.94E-06	1.23E-03	3.75E-06	3.71E-07	2.75E-09	1.29E-06	3.92E-09
6896234144171	689623	4144171	RESIDENT	1.08E-03	8.02E-06	1.25E-03	3.79E-06	3.75E-07	2.78E-09	1.30E-06	3.97E-09
6896284144171	689628	4144171	RESIDENT	1.09E-03	8.11E-06	1.26E-03	3.83E-06	3.78E-07	2.81E-09	1.32E-06	4.01E-09
6896334144171	689633	4144171	RESIDENT	1.10E-03	8.19E-06	1.27E-03	3.88E-06	3.82E-07	2.84E-09	1.33E-06	4.05E-09
6896384144171	689638	4144171	RESIDENT	1.12E-03	8.28E-06	1.28E-03	3.92E-06	3.86E-07	2.87E-09	1.34E-06	4.09E-09
6896434144171	689643	4144171	RESIDENT	1.13E-03	8.37E-06	1.30E-03	3.96E-06	3.90E-07	2.90E-09	1.36E-06	4.14E-09
6896484144171	689648	4144171	RESIDENT	1.14E-03	8.46E-06	1.31E-03	4.00E-06	3.95E-07	2.93E-09	1.37E-06	4.18E-09
6894534144176	689453	4144176	RESIDENT	8.72E-04	5.79E-06	1.00E-03	2.74E-06	3.02E-07	2.00E-09	1.05E-06	2.86E-09
6894584144176	689458	4144176	RESIDENT	8.77E-04	5.84E-06	1.01E-03	2.76E-06	3.04E-07	2.02E-09	1.06E-06	2.89E-09
6894634144176	689463	4144176	RESIDENT	8.82E-04	5.89E-06	1.02E-03	2.79E-06	3.05E-07	2.04E-09	1.06E-06	2.91E-09
6894684144176	689468	4144176	RESIDENT	8.86E-04	5.95E-06	1.02E-03	2.81E-06	3.07E-07	2.06E-09	1.07E-06	2.94E-09
6894734144176	689473	4144176	RESIDENT	8.91E-04	6.00E-06	1.03E-03	2.84E-06	3.08E-07	2.08E-09	1.07E-06	2.97E-09
6894784144176	689478	4144176	RESIDENT	8.96E-04	6.06E-06	1.03E-03	2.87E-06	3.10E-07	2.10E-09	1.08E-06	3.00E-09
6894834144176	689483	4144176	RESIDENT	9.01E-04	6.12E-06	1.04E-03	2.89E-06	3.12E-07	2.12E-09	1.08E-06	3.02E-09
6894884144176	689488	4144176	RESIDENT	9.06E-04	6.17E-06	1.04E-03	2.92E-06	3.14E-07	2.14E-09	1.09E-06	3.05E-09
6894934144176	689493	4144176	RESIDENT	9.11E-04	6.23E-06	1.05E-03	2.95E-06	3.15E-07	2.16E-09	1.10E-06	3.08E-09
6894984144176	689498	4144176	RESIDENT	9.16E-04	6.29E-06	1.06E-03	2.97E-06	3.17E-07	2.18E-09	1.10E-06	3.11E-09
6895034144176	689503	4144176	RESIDENT	9.22E-04	6.35E-06	1.06E-03	3.00E-06	3.19E-07	2.20E-09	1.11E-06	3.14E-09
6895084144176	689508	4144176	RESIDENT	9.27E-04	6.41E-06	1.07E-03	3.03E-06	3.21E-07	2.22E-09	1.12E-06	3.17E-09
6895134144176	689513	4144176	RESIDENT	9.33E-04	6.47E-06	1.07E-03	3.06E-06	3.23E-07	2.24E-09	1.12E-06	3.20E-09
6895184144176	689518	4144176	RESIDENT	9.39E-04	6.53E-06	1.08E-03	3.09E-06	3.25E-07	2.26E-09	1.13E-06	3.23E-09
6895234144176	689523	4144176	RESIDENT	9.45E-04	6.59E-06	1.09E-03	3.12E-06	3.27E-07	2.28E-09	1.14E-06	3.26E-09
6895284144176	689528	4144176	RESIDENT	9.51E-04	6.66E-06	1.10E-03	3.15E-06	3.29E-07	2.30E-09	1.14E-06	3.29E-09
6895334144176	689533	4144176	RESIDENT	9.57E-04	6.72E-06	1.10E-03	3.18E-06	3.31E-07	2.33E-09	1.15E-06	3.32E-09
6895384144176	689538	4144176	RESIDENT	9.64E-04	6.79E-06	1.11E-03	3.21E-06	3.34E-07	2.35E-09	1.16E-06	3.35E-09
6895434144176	689543	4144176	RESIDENT	9.70E-04	6.85E-06	1.12E-03	3.24E-06	3.36E-07	2.37E-09	1.17E-06	3.39E-09
6895484144176	689548	4144176	RESIDENT	9.77E-04	6.92E-06	1.13E-03	3.27E-06	3.38E-07	2.39E-09	1.18E-06	3.42E-09
6895534144176	689553	4144176	RESIDENT	9.84E-04	6.99E-06	1.13E-03	3.30E-06	3.41E-07	2.42E-09	1.18E-06	3.45E-09
6895584144176	689558	4144176	RESIDENT	9.91E-04	7.05E-06	1.14E-03	3.34E-06	3.43E-07	2.44E-09	1.19E-06	3.49E-09
6895634144176	689563	4144176	RESIDENT	9.99E-04	7.12E-06	1.15E-03	3.37E-06	3.46E-07	2.47E-09	1.20E-06	3.52E-09
6895684144176	689568	4144176	RESIDENT	1.01E-03	7.20E-06	1.16E-03	3.40E-06	3.48E-07	2.49E-09	1.21E-06	3.56E-09
6895734144176	689573	4144176	RESIDENT	1.01E-03	7.27E-06	1.17E-03	3.44E-06	3.51E-07	2.52E-09	1.22E-06	3.59E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895784144176	689578	4144176	RESIDENT	1.02E-03	7.34E-06	1.18E-03	3.47E-06	3.54E-07	2.54E-09	1.23E-06	3.63E-09
6895834144176	689583	4144176	RESIDENT	1.03E-03	7.41E-06	1.19E-03	3.51E-06	3.57E-07	2.57E-09	1.24E-06	3.67E-09
6895884144176	689588	4144176	RESIDENT	1.04E-03	7.49E-06	1.20E-03	3.54E-06	3.60E-07	2.59E-09	1.25E-06	3.70E-09
6895934144176	689593	4144176	RESIDENT	1.05E-03	7.57E-06	1.21E-03	3.58E-06	3.63E-07	2.62E-09	1.26E-06	3.74E-09
6895984144176	689598	4144176	RESIDENT	1.06E-03	7.64E-06	1.22E-03	3.62E-06	3.66E-07	2.65E-09	1.27E-06	3.78E-09
6896034144176	689603	4144176	RESIDENT	1.07E-03	7.72E-06	1.23E-03	3.65E-06	3.69E-07	2.67E-09	1.28E-06	3.82E-09
6896084144176	689608	4144176	RESIDENT	1.07E-03	7.80E-06	1.24E-03	3.69E-06	3.72E-07	2.70E-09	1.29E-06	3.86E-09
6896134144176	689613	4144176	RESIDENT	1.08E-03	7.88E-06	1.25E-03	3.73E-06	3.76E-07	2.73E-09	1.31E-06	3.90E-09
6896184144176	689618	4144176	RESIDENT	1.09E-03	7.97E-06	1.26E-03	3.77E-06	3.79E-07	2.76E-09	1.32E-06	3.94E-09
6896234144176	689623	4144176	RESIDENT	1.11E-03	8.05E-06	1.27E-03	3.81E-06	3.83E-07	2.79E-09	1.33E-06	3.98E-09
6896284144176	689628	4144176	RESIDENT	1.12E-03	8.14E-06	1.29E-03	3.85E-06	3.86E-07	2.82E-09	1.34E-06	4.02E-09
6896334144176	689633	4144176	RESIDENT	1.13E-03	8.22E-06	1.30E-03	3.89E-06	3.90E-07	2.85E-09	1.36E-06	4.07E-09
6896384144176	689638	4144176	RESIDENT	1.14E-03	8.31E-06	1.31E-03	3.93E-06	3.94E-07	2.88E-09	1.37E-06	4.11E-09
6896434144176	689643	4144176	RESIDENT	1.15E-03	8.40E-06	1.33E-03	3.97E-06	3.98E-07	2.91E-09	1.39E-06	4.15E-09
6896484144176	689648	4144176	RESIDENT	1.16E-03	8.49E-06	1.34E-03	4.02E-06	4.03E-07	2.94E-09	1.40E-06	4.20E-09
6894534144181	689453	4144181	RESIDENT	8.95E-04	5.81E-06	1.03E-03	2.75E-06	3.10E-07	2.01E-09	1.08E-06	2.87E-09
6894584144181	689458	4144181	RESIDENT	8.99E-04	5.87E-06	1.04E-03	2.78E-06	3.11E-07	2.03E-09	1.08E-06	2.90E-09
6894634144181	689463	4144181	RESIDENT	9.04E-04	5.92E-06	1.04E-03	2.80E-06	3.13E-07	2.05E-09	1.09E-06	2.93E-09
6894684144181	689468	4144181	RESIDENT	9.09E-04	5.97E-06	1.05E-03	2.83E-06	3.15E-07	2.07E-09	1.09E-06	2.95E-09
6894734144181	689473	4144181	RESIDENT	9.14E-04	6.03E-06	1.05E-03	2.85E-06	3.16E-07	2.09E-09	1.10E-06	2.98E-09
6894784144181	689478	4144181	RESIDENT	9.19E-04	6.09E-06	1.06E-03	2.88E-06	3.18E-07	2.11E-09	1.11E-06	3.01E-09
6894834144181	689483	4144181	RESIDENT	9.24E-04	6.14E-06	1.06E-03	2.91E-06	3.20E-07	2.13E-09	1.11E-06	3.04E-09
6894884144181	689488	4144181	RESIDENT	9.29E-04	6.20E-06	1.07E-03	2.93E-06	3.22E-07	2.15E-09	1.12E-06	3.06E-09
6894934144181	689493	4144181	RESIDENT	9.34E-04	6.26E-06	1.08E-03	2.96E-06	3.23E-07	2.17E-09	1.12E-06	3.09E-09
6894984144181	689498	4144181	RESIDENT	9.40E-04	6.31E-06	1.08E-03	2.99E-06	3.25E-07	2.19E-09	1.13E-06	3.12E-09
6895034144181	689503	4144181	RESIDENT	9.45E-04	6.37E-06	1.09E-03	3.02E-06	3.27E-07	2.21E-09	1.14E-06	3.15E-09
6895084144181	689508	4144181	RESIDENT	9.51E-04	6.43E-06	1.09E-03	3.04E-06	3.29E-07	2.23E-09	1.14E-06	3.18E-09
6895134144181	689513	4144181	RESIDENT	9.57E-04	6.49E-06	1.10E-03	3.07E-06	3.31E-07	2.25E-09	1.15E-06	3.21E-09
6895184144181	689518	4144181	RESIDENT	9.63E-04	6.56E-06	1.11E-03	3.10E-06	3.33E-07	2.27E-09	1.16E-06	3.24E-09
6895234144181	689523	4144181	RESIDENT	9.69E-04	6.62E-06	1.12E-03	3.13E-06	3.35E-07	2.29E-09	1.17E-06	3.27E-09
6895284144181	689528	4144181	RESIDENT	9.75E-04	6.68E-06	1.12E-03	3.16E-06	3.37E-07	2.31E-09	1.17E-06	3.30E-09
6895334144181	689533	4144181	RESIDENT	9.81E-04	6.75E-06	1.13E-03	3.19E-06	3.40E-07	2.34E-09	1.18E-06	3.34E-09
6895384144181	689538	4144181	RESIDENT	9.88E-04	6.81E-06	1.14E-03	3.22E-06	3.42E-07	2.36E-09	1.19E-06	3.37E-09
6895434144181	689543	4144181	RESIDENT	9.94E-04	6.88E-06	1.14E-03	3.25E-06	3.44E-07	2.38E-09	1.20E-06	3.40E-09
6895484144181	689548	4144181	RESIDENT	1.00E-03	6.94E-06	1.15E-03	3.29E-06	3.47E-07	2.40E-09	1.20E-06	3.43E-09
6895534144181	689553	4144181	RESIDENT	1.01E-03	7.01E-06	1.16E-03	3.32E-06	3.49E-07	2.43E-09	1.21E-06	3.47E-09
6895584144181	689558	4144181	RESIDENT	1.02E-03	7.08E-06	1.17E-03	3.35E-06	3.51E-07	2.45E-09	1.22E-06	3.50E-09
6895634144181	689563	4144181	RESIDENT	1.02E-03	7.15E-06	1.18E-03	3.38E-06	3.54E-07	2.48E-09	1.23E-06	3.54E-09
6895684144181	689568	4144181	RESIDENT	1.03E-03	7.22E-06	1.19E-03	3.42E-06	3.57E-07	2.50E-09	1.24E-06	3.57E-09
6895734144181	689573	4144181	RESIDENT	1.04E-03	7.29E-06	1.20E-03	3.45E-06	3.59E-07	2.53E-09	1.25E-06	3.61E-09
6895784144181	689578	4144181	RESIDENT	1.05E-03	7.37E-06	1.20E-03	3.48E-06	3.62E-07	2.55E-09	1.26E-06	3.64E-09
6895834144181	689583	4144181	RESIDENT	1.05E-03	7.44E-06	1.21E-03	3.52E-06	3.65E-07	2.58E-09	1.27E-06	3.68E-09
6895884144181	689588	4144181	RESIDENT	1.06E-03	7.52E-06	1.22E-03	3.56E-06	3.68E-07	2.60E-09	1.28E-06	3.72E-09
6895934144181	689593	4144181	RESIDENT	1.07E-03	7.59E-06	1.23E-03	3.59E-06	3.71E-07	2.63E-09	1.29E-06	3.75E-09
6895984144181	689598	4144181	RESIDENT	1.08E-03	7.67E-06	1.24E-03	3.63E-06	3.74E-07	2.66E-09	1.30E-06	3.79E-09
6896034144181	689603	4144181	RESIDENT	1.09E-03	7.75E-06	1.26E-03	3.67E-06	3.77E-07	2.68E-09	1.31E-06	3.83E-09
6896084144181	689608	4144181	RESIDENT	1.10E-03	7.83E-06	1.27E-03	3.70E-06	3.81E-07	2.71E-09	1.32E-06	3.87E-09
6896134144181	689613	4144181	RESIDENT	1.11E-03	7.91E-06	1.28E-03	3.74E-06	3.84E-07	2.74E-09	1.34E-06	3.91E-09
6896184144181	689618	4144181	RESIDENT	1.12E-03	7.99E-06	1.29E-03	3.78E-06	3.88E-07	2.77E-09	1.35E-06	3.95E-09
6896234144181	689623	4144181	RESIDENT	1.13E-03	8.08E-06	1.30E-03	3.82E-06	3.91E-07	2.80E-09	1.36E-06	3.99E-09
6896284144181	689628	4144181	RESIDENT	1.14E-03	8.16E-06	1.31E-03	3.86E-06	3.95E-07	2.83E-09	1.37E-06	4.04E-09
6896334144181	689633	4144181	RESIDENT	1.15E-03	8.25E-06	1.33E-03	3.90E-06	3.99E-07	2.86E-09	1.39E-06	4.08E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896384144181	689638	4144181	RESIDENT	1.16E-03	8.34E-06	1.34E-03	3.94E-06	4.03E-07	2.89E-09	1.40E-06	4.12E-09
6896434144181	689643	4144181	RESIDENT	1.18E-03	8.43E-06	1.35E-03	3.99E-06	4.07E-07	2.92E-09	1.41E-06	4.17E-09
6896484144181	689648	4144181	RESIDENT	1.19E-03	8.52E-06	1.37E-03	4.03E-06	4.11E-07	2.95E-09	1.43E-06	4.21E-09
6894534144186	689453	4144186	RESIDENT	9.18E-04	5.84E-06	1.06E-03	2.76E-06	3.18E-07	2.02E-09	1.10E-06	2.89E-09
6894584144186	689458	4144186	RESIDENT	9.23E-04	5.89E-06	1.06E-03	2.79E-06	3.19E-07	2.04E-09	1.11E-06	2.91E-09
6894634144186	689463	4144186	RESIDENT	9.27E-04	5.95E-06	1.07E-03	2.81E-06	3.21E-07	2.06E-09	1.12E-06	2.94E-09
6894684144186	689468	4144186	RESIDENT	9.32E-04	6.00E-06	1.07E-03	2.84E-06	3.23E-07	2.08E-09	1.12E-06	2.97E-09
6894734144186	689473	4144186	RESIDENT	9.37E-04	6.06E-06	1.08E-03	2.86E-06	3.24E-07	2.10E-09	1.13E-06	2.99E-09
6894784144186	689478	4144186	RESIDENT	9.43E-04	6.11E-06	1.09E-03	2.89E-06	3.26E-07	2.12E-09	1.13E-06	3.02E-09
6894834144186	689483	4144186	RESIDENT	9.48E-04	6.17E-06	1.09E-03	2.92E-06	3.28E-07	2.13E-09	1.14E-06	3.05E-09
6894884144186	689488	4144186	RESIDENT	9.53E-04	6.22E-06	1.10E-03	2.94E-06	3.30E-07	2.15E-09	1.15E-06	3.08E-09
6894934144186	689493	4144186	RESIDENT	9.58E-04	6.28E-06	1.10E-03	2.97E-06	3.32E-07	2.17E-09	1.15E-06	3.11E-09
6894984144186	689498	4144186	RESIDENT	9.64E-04	6.34E-06	1.11E-03	3.00E-06	3.34E-07	2.19E-09	1.16E-06	3.13E-09
6895034144186	689503	4144186	RESIDENT	9.70E-04	6.40E-06	1.12E-03	3.03E-06	3.36E-07	2.22E-09	1.17E-06	3.16E-09
6895084144186	689508	4144186	RESIDENT	9.75E-04	6.46E-06	1.12E-03	3.06E-06	3.38E-07	2.24E-09	1.17E-06	3.19E-09
6895134144186	689513	4144186	RESIDENT	9.81E-04	6.52E-06	1.13E-03	3.08E-06	3.40E-07	2.26E-09	1.18E-06	3.22E-09
6895184144186	689518	4144186	RESIDENT	9.87E-04	6.58E-06	1.14E-03	3.11E-06	3.42E-07	2.28E-09	1.19E-06	3.25E-09
6895234144186	689523	4144186	RESIDENT	9.94E-04	6.65E-06	1.14E-03	3.14E-06	3.44E-07	2.30E-09	1.20E-06	3.29E-09
6895284144186	689528	4144186	RESIDENT	1.00E-03	6.71E-06	1.15E-03	3.17E-06	3.46E-07	2.32E-09	1.20E-06	3.32E-09
6895334144186	689533	4144186	RESIDENT	1.01E-03	6.77E-06	1.16E-03	3.20E-06	3.48E-07	2.34E-09	1.21E-06	3.35E-09
6895384144186	689538	4144186	RESIDENT	1.01E-03	6.84E-06	1.17E-03	3.23E-06	3.51E-07	2.37E-09	1.22E-06	3.38E-09
6895434144186	689543	4144186	RESIDENT	1.02E-03	6.90E-06	1.17E-03	3.27E-06	3.53E-07	2.39E-09	1.23E-06	3.41E-09
6895484144186	689548	4144186	RESIDENT	1.03E-03	6.97E-06	1.18E-03	3.30E-06	3.55E-07	2.41E-09	1.24E-06	3.45E-09
6895534144186	689553	4144186	RESIDENT	1.03E-03	7.04E-06	1.19E-03	3.33E-06	3.58E-07	2.44E-09	1.24E-06	3.48E-09
6895584144186	689558	4144186	RESIDENT	1.04E-03	7.11E-06	1.20E-03	3.36E-06	3.60E-07	2.46E-09	1.25E-06	3.51E-09
6895634144186	689563	4144186	RESIDENT	1.05E-03	7.18E-06	1.21E-03	3.40E-06	3.63E-07	2.48E-09	1.26E-06	3.55E-09
6895684144186	689568	4144186	RESIDENT	1.06E-03	7.25E-06	1.22E-03	3.43E-06	3.66E-07	2.51E-09	1.27E-06	3.58E-09
6895734144186	689573	4144186	RESIDENT	1.06E-03	7.32E-06	1.23E-03	3.46E-06	3.68E-07	2.53E-09	1.28E-06	3.62E-09
6895784144186	689578	4144186	RESIDENT	1.07E-03	7.39E-06	1.23E-03	3.50E-06	3.71E-07	2.56E-09	1.29E-06	3.66E-09
6895834144186	689583	4144186	RESIDENT	1.08E-03	7.47E-06	1.24E-03	3.53E-06	3.74E-07	2.59E-09	1.30E-06	3.69E-09
6895884144186	689588	4144186	RESIDENT	1.09E-03	7.54E-06	1.25E-03	3.57E-06	3.77E-07	2.61E-09	1.31E-06	3.73E-09
6895934144186	689593	4144186	RESIDENT	1.10E-03	7.62E-06	1.26E-03	3.60E-06	3.80E-07	2.64E-09	1.32E-06	3.77E-09
6895984144186	689598	4144186	RESIDENT	1.11E-03	7.70E-06	1.27E-03	3.64E-06	3.83E-07	2.66E-09	1.33E-06	3.81E-09
6896034144186	689603	4144186	RESIDENT	1.12E-03	7.78E-06	1.29E-03	3.68E-06	3.86E-07	2.69E-09	1.34E-06	3.84E-09
6896084144186	689608	4144186	RESIDENT	1.13E-03	7.86E-06	1.30E-03	3.72E-06	3.90E-07	2.72E-09	1.35E-06	3.88E-09
6896134144186	689613	4144186	RESIDENT	1.14E-03	7.94E-06	1.31E-03	3.76E-06	3.93E-07	2.75E-09	1.37E-06	3.92E-09
6896184144186	689618	4144186	RESIDENT	1.15E-03	8.02E-06	1.32E-03	3.79E-06	3.97E-07	2.78E-09	1.38E-06	3.97E-09
6896234144186	689623	4144186	RESIDENT	1.16E-03	8.11E-06	1.33E-03	3.83E-06	4.00E-07	2.81E-09	1.39E-06	4.01E-09
6896284144186	689628	4144186	RESIDENT	1.17E-03	8.19E-06	1.34E-03	3.87E-06	4.04E-07	2.84E-09	1.40E-06	4.05E-09
6896334144186	689633	4144186	RESIDENT	1.18E-03	8.28E-06	1.36E-03	3.92E-06	4.08E-07	2.87E-09	1.42E-06	4.09E-09
6896384144186	689638	4144186	RESIDENT	1.19E-03	8.37E-06	1.37E-03	3.96E-06	4.12E-07	2.90E-09	1.43E-06	4.14E-09
6896434144186	689643	4144186	RESIDENT	1.20E-03	8.46E-06	1.38E-03	4.00E-06	4.16E-07	2.93E-09	1.45E-06	4.18E-09
6896484144186	689648	4144186	RESIDENT	1.21E-03	8.55E-06	1.40E-03	4.04E-06	4.20E-07	2.96E-09	1.46E-06	4.23E-09
6894534144191	689453	4144191	RESIDENT	9.42E-04	5.86E-06	1.08E-03	2.77E-06	3.26E-07	2.03E-09	1.13E-06	2.90E-09
6894584144191	689458	4144191	RESIDENT	9.47E-04	5.92E-06	1.09E-03	2.80E-06	3.28E-07	2.05E-09	1.14E-06	2.93E-09
6894634144191	689463	4144191	RESIDENT	9.52E-04	5.97E-06	1.10E-03	2.82E-06	3.29E-07	2.07E-09	1.15E-06	2.95E-09
6894684144191	689468	4144191	RESIDENT	9.57E-04	6.03E-06	1.10E-03	2.85E-06	3.31E-07	2.09E-09	1.15E-06	2.98E-09
6894734144191	689473	4144191	RESIDENT	9.62E-04	6.08E-06	1.11E-03	2.88E-06	3.33E-07	2.10E-09	1.16E-06	3.01E-09
6894784144191	689478	4144191	RESIDENT	9.67E-04	6.14E-06	1.11E-03	2.90E-06	3.35E-07	2.12E-09	1.16E-06	3.03E-09
6894834144191	689483	4144191	RESIDENT	9.73E-04	6.19E-06	1.12E-03	2.93E-06	3.37E-07	2.14E-09	1.17E-06	3.06E-09
6894884144191	689488	4144191	RESIDENT	9.78E-04	6.25E-06	1.13E-03	2.96E-06	3.39E-07	2.16E-09	1.18E-06	3.09E-09
6894934144191	689493	4144191	RESIDENT	9.84E-04	6.31E-06	1.13E-03	2.98E-06	3.41E-07	2.18E-09	1.18E-06	3.12E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6894984144191	689498	4144191	RESIDENT	9.90E-04	6.37E-06	1.14E-03	3.01E-06	3.43E-07	2.20E-09	1.19E-06	3.15E-09
6895034144191	689503	4144191	RESIDENT	9.95E-04	6.43E-06	1.15E-03	3.04E-06	3.45E-07	2.22E-09	1.20E-06	3.18E-09
6895084144191	689508	4144191	RESIDENT	1.00E-03	6.49E-06	1.15E-03	3.07E-06	3.47E-07	2.25E-09	1.21E-06	3.21E-09
6895134144191	689513	4144191	RESIDENT	1.01E-03	6.55E-06	1.16E-03	3.10E-06	3.49E-07	2.27E-09	1.21E-06	3.24E-09
6895184144191	689518	4144191	RESIDENT	1.01E-03	6.61E-06	1.17E-03	3.13E-06	3.51E-07	2.29E-09	1.22E-06	3.27E-09
6895234144191	689523	4144191	RESIDENT	1.02E-03	6.67E-06	1.17E-03	3.16E-06	3.53E-07	2.31E-09	1.23E-06	3.30E-09
6895284144191	689528	4144191	RESIDENT	1.03E-03	6.73E-06	1.18E-03	3.19E-06	3.55E-07	2.33E-09	1.24E-06	3.33E-09
6895334144191	689533	4144191	RESIDENT	1.03E-03	6.80E-06	1.19E-03	3.22E-06	3.58E-07	2.35E-09	1.24E-06	3.36E-09
6895384144191	689538	4144191	RESIDENT	1.04E-03	6.86E-06	1.20E-03	3.25E-06	3.60E-07	2.38E-09	1.25E-06	3.39E-09
6895434144191	689543	4144191	RESIDENT	1.05E-03	6.93E-06	1.21E-03	3.28E-06	3.62E-07	2.40E-09	1.26E-06	3.43E-09
6895484144191	689548	4144191	RESIDENT	1.05E-03	7.00E-06	1.21E-03	3.31E-06	3.65E-07	2.42E-09	1.27E-06	3.46E-09
6895534144191	689553	4144191	RESIDENT	1.06E-03	7.07E-06	1.22E-03	3.34E-06	3.67E-07	2.45E-09	1.28E-06	3.49E-09
6895584144191	689558	4144191	RESIDENT	1.07E-03	7.13E-06	1.23E-03	3.37E-06	3.70E-07	2.47E-09	1.29E-06	3.53E-09
6895634144191	689563	4144191	RESIDENT	1.08E-03	7.20E-06	1.24E-03	3.41E-06	3.72E-07	2.49E-09	1.29E-06	3.56E-09
6895684144191	689568	4144191	RESIDENT	1.08E-03	7.28E-06	1.25E-03	3.44E-06	3.75E-07	2.52E-09	1.30E-06	3.60E-09
6895734144191	689573	4144191	RESIDENT	1.09E-03	7.35E-06	1.26E-03	3.48E-06	3.78E-07	2.54E-09	1.31E-06	3.63E-09
6895784144191	689578	4144191	RESIDENT	1.10E-03	7.42E-06	1.27E-03	3.51E-06	3.81E-07	2.57E-09	1.32E-06	3.67E-09
6895834144191	689583	4144191	RESIDENT	1.11E-03	7.49E-06	1.28E-03	3.55E-06	3.84E-07	2.59E-09	1.33E-06	3.71E-09
6895884144191	689588	4144191	RESIDENT	1.12E-03	7.57E-06	1.29E-03	3.58E-06	3.87E-07	2.62E-09	1.34E-06	3.74E-09
6895934144191	689593	4144191	RESIDENT	1.13E-03	7.65E-06	1.30E-03	3.62E-06	3.90E-07	2.65E-09	1.35E-06	3.78E-09
6895984144191	689598	4144191	RESIDENT	1.13E-03	7.72E-06	1.31E-03	3.65E-06	3.93E-07	2.67E-09	1.37E-06	3.82E-09
6896034144191	689603	4144191	RESIDENT	1.14E-03	7.80E-06	1.32E-03	3.69E-06	3.96E-07	2.70E-09	1.38E-06	3.86E-09
6896084144191	689608	4144191	RESIDENT	1.15E-03	7.88E-06	1.33E-03	3.73E-06	3.99E-07	2.73E-09	1.39E-06	3.90E-09
6896134144191	689613	4144191	RESIDENT	1.16E-03	7.97E-06	1.34E-03	3.77E-06	4.03E-07	2.76E-09	1.40E-06	3.94E-09
6896184144191	689618	4144191	RESIDENT	1.17E-03	8.05E-06	1.35E-03	3.81E-06	4.06E-07	2.79E-09	1.41E-06	3.98E-09
6896234144191	689623	4144191	RESIDENT	1.18E-03	8.13E-06	1.36E-03	3.85E-06	4.10E-07	2.82E-09	1.43E-06	4.02E-09
6896284144191	689628	4144191	RESIDENT	1.20E-03	8.22E-06	1.38E-03	3.89E-06	4.14E-07	2.84E-09	1.44E-06	4.06E-09
6896334144191	689633	4144191	RESIDENT	1.21E-03	8.31E-06	1.39E-03	3.93E-06	4.18E-07	2.88E-09	1.45E-06	4.11E-09
6896384144191	689638	4144191	RESIDENT	1.22E-03	8.39E-06	1.40E-03	3.97E-06	4.22E-07	2.91E-09	1.47E-06	4.15E-09
6896434144191	689643	4144191	RESIDENT	1.23E-03	8.48E-06	1.42E-03	4.01E-06	4.26E-07	2.94E-09	1.48E-06	4.19E-09
6896484144191	689648	4144191	RESIDENT	1.24E-03	8.58E-06	1.43E-03	4.06E-06	4.30E-07	2.97E-09	1.50E-06	4.24E-09
6894484144196	689448	4144196	RESIDENT	9.62E-04	5.84E-06	1.11E-03	2.76E-06	3.33E-07	2.02E-09	1.16E-06	2.89E-09
6894534144196	689453	4144196	RESIDENT	9.67E-04	5.89E-06	1.11E-03	2.79E-06	3.35E-07	2.04E-09	1.16E-06	2.91E-09
6894584144196	689458	4144196	RESIDENT	9.72E-04	5.94E-06	1.12E-03	2.81E-06	3.36E-07	2.06E-09	1.17E-06	2.94E-09
6894634144196	689463	4144196	RESIDENT	9.77E-04	6.00E-06	1.13E-03	2.84E-06	3.38E-07	2.08E-09	1.18E-06	2.96E-09
6894684144196	689468	4144196	RESIDENT	9.82E-04	6.05E-06	1.13E-03	2.86E-06	3.40E-07	2.09E-09	1.18E-06	2.99E-09
6894734144196	689473	4144196	RESIDENT	9.88E-04	6.11E-06	1.14E-03	2.89E-06	3.42E-07	2.11E-09	1.19E-06	3.02E-09
6894784144196	689478	4144196	RESIDENT	9.93E-04	6.16E-06	1.14E-03	2.91E-06	3.44E-07	2.13E-09	1.20E-06	3.05E-09
6894834144196	689483	4144196	RESIDENT	9.99E-04	6.22E-06	1.15E-03	2.94E-06	3.46E-07	2.15E-09	1.20E-06	3.07E-09
6894884144196	689488	4144196	RESIDENT	1.00E-03	6.28E-06	1.16E-03	2.97E-06	3.48E-07	2.17E-09	1.21E-06	3.10E-09
6894934144196	689493	4144196	RESIDENT	1.01E-03	6.33E-06	1.16E-03	3.00E-06	3.50E-07	2.19E-09	1.22E-06	3.13E-09
6894984144196	689498	4144196	RESIDENT	1.02E-03	6.39E-06	1.17E-03	3.02E-06	3.52E-07	2.21E-09	1.22E-06	3.16E-09
6895034144196	689503	4144196	RESIDENT	1.02E-03	6.45E-06	1.18E-03	3.05E-06	3.54E-07	2.23E-09	1.23E-06	3.19E-09
6895084144196	689508	4144196	RESIDENT	1.03E-03	6.51E-06	1.18E-03	3.08E-06	3.56E-07	2.25E-09	1.24E-06	3.22E-09
6895134144196	689513	4144196	RESIDENT	1.03E-03	6.57E-06	1.19E-03	3.11E-06	3.58E-07	2.27E-09	1.25E-06	3.25E-09
6895184144196	689518	4144196	RESIDENT	1.04E-03	6.63E-06	1.20E-03	3.14E-06	3.60E-07	2.30E-09	1.25E-06	3.28E-09
6895234144196	689523	4144196	RESIDENT	1.05E-03	6.70E-06	1.21E-03	3.17E-06	3.63E-07	2.32E-09	1.26E-06	3.31E-09
6895284144196	689528	4144196	RESIDENT	1.05E-03	6.76E-06	1.21E-03	3.20E-06	3.65E-07	2.34E-09	1.27E-06	3.34E-09
6895334144196	689533	4144196	RESIDENT	1.06E-03	6.82E-06	1.22E-03	3.23E-06	3.67E-07	2.36E-09	1.28E-06	3.37E-09
6895384144196	689538	4144196	RESIDENT	1.07E-03	6.89E-06	1.23E-03	3.26E-06	3.70E-07	2.38E-09	1.29E-06	3.41E-09
6895434144196	689543	4144196	RESIDENT	1.07E-03	6.96E-06	1.24E-03	3.29E-06	3.72E-07	2.41E-09	1.29E-06	3.44E-09
6895484144196	689548	4144196	RESIDENT	1.08E-03	7.02E-06	1.25E-03	3.32E-06	3.74E-07	2.43E-09	1.30E-06	3.47E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895534144196	689553	4144196	RESIDENT	1.09E-03	7.09E-06	1.25E-03	3.35E-06	3.77E-07	2.45E-09	1.31E-06	3.51E-09
6895584144196	689558	4144196	RESIDENT	1.10E-03	7.16E-06	1.26E-03	3.39E-06	3.80E-07	2.48E-09	1.32E-06	3.54E-09
6895634144196	689563	4144196	RESIDENT	1.10E-03	7.23E-06	1.27E-03	3.42E-06	3.82E-07	2.50E-09	1.33E-06	3.57E-09
6895684144196	689568	4144196	RESIDENT	1.11E-03	7.30E-06	1.28E-03	3.45E-06	3.85E-07	2.53E-09	1.34E-06	3.61E-09
6895734144196	689573	4144196	RESIDENT	1.12E-03	7.37E-06	1.29E-03	3.49E-06	3.88E-07	2.55E-09	1.35E-06	3.65E-09
6895784144196	689578	4144196	RESIDENT	1.13E-03	7.45E-06	1.30E-03	3.52E-06	3.91E-07	2.58E-09	1.36E-06	3.68E-09
6895834144196	689583	4144196	RESIDENT	1.14E-03	7.52E-06	1.31E-03	3.56E-06	3.94E-07	2.60E-09	1.37E-06	3.72E-09
6895884144196	689588	4144196	RESIDENT	1.15E-03	7.60E-06	1.32E-03	3.59E-06	3.97E-07	2.63E-09	1.38E-06	3.76E-09
6895934144196	689593	4144196	RESIDENT	1.16E-03	7.67E-06	1.33E-03	3.63E-06	4.00E-07	2.66E-09	1.39E-06	3.79E-09
6895984144196	689598	4144196	RESIDENT	1.16E-03	7.75E-06	1.34E-03	3.67E-06	4.03E-07	2.68E-09	1.40E-06	3.83E-09
6896034144196	689603	4144196	RESIDENT	1.17E-03	7.83E-06	1.35E-03	3.70E-06	4.06E-07	2.71E-09	1.41E-06	3.87E-09
6896084144196	689608	4144196	RESIDENT	1.18E-03	7.91E-06	1.36E-03	3.74E-06	4.10E-07	2.74E-09	1.42E-06	3.91E-09
6896134144196	689613	4144196	RESIDENT	1.19E-03	7.99E-06	1.37E-03	3.78E-06	4.13E-07	2.77E-09	1.44E-06	3.95E-09
6896184144196	689618	4144196	RESIDENT	1.20E-03	8.08E-06	1.39E-03	3.82E-06	4.17E-07	2.80E-09	1.45E-06	3.99E-09
6896234144196	689623	4144196	RESIDENT	1.21E-03	8.16E-06	1.40E-03	3.86E-06	4.20E-07	2.82E-09	1.46E-06	4.03E-09
6896284144196	689628	4144196	RESIDENT	1.23E-03	8.25E-06	1.41E-03	3.90E-06	4.24E-07	2.85E-09	1.48E-06	4.08E-09
6896334144196	689633	4144196	RESIDENT	1.24E-03	8.33E-06	1.42E-03	3.94E-06	4.28E-07	2.88E-09	1.49E-06	4.12E-09
6896384144196	689638	4144196	RESIDENT	1.25E-03	8.42E-06	1.44E-03	3.98E-06	4.32E-07	2.92E-09	1.50E-06	4.16E-09
6896434144196	689643	4144196	RESIDENT	1.26E-03	8.51E-06	1.45E-03	4.03E-06	4.36E-07	2.95E-09	1.52E-06	4.21E-09
6896484144196	689648	4144196	RESIDENT	1.27E-03	8.60E-06	1.47E-03	4.07E-06	4.41E-07	2.98E-09	1.53E-06	4.25E-09
6894484144201	689448	4144201	RESIDENT	9.87E-04	5.86E-06	1.14E-03	2.77E-06	3.42E-07	2.03E-09	1.19E-06	2.90E-09
6894534144201	689453	4144201	RESIDENT	9.93E-04	5.91E-06	1.14E-03	2.80E-06	3.44E-07	2.05E-09	1.19E-06	2.92E-09
6894584144201	689458	4144201	RESIDENT	9.98E-04	5.97E-06	1.15E-03	2.82E-06	3.45E-07	2.07E-09	1.20E-06	2.95E-09
6894634144201	689463	4144201	RESIDENT	1.00E-03	6.02E-06	1.16E-03	2.85E-06	3.47E-07	2.08E-09	1.21E-06	2.98E-09
6894684144201	689468	4144201	RESIDENT	1.01E-03	6.08E-06	1.16E-03	2.87E-06	3.49E-07	2.10E-09	1.21E-06	3.00E-09
6894734144201	689473	4144201	RESIDENT	1.01E-03	6.13E-06	1.17E-03	2.90E-06	3.51E-07	2.12E-09	1.22E-06	3.03E-09
6894784144201	689478	4144201	RESIDENT	1.02E-03	6.19E-06	1.17E-03	2.93E-06	3.53E-07	2.14E-09	1.23E-06	3.06E-09
6894834144201	689483	4144201	RESIDENT	1.03E-03	6.24E-06	1.18E-03	2.95E-06	3.55E-07	2.16E-09	1.23E-06	3.09E-09
6894884144201	689488	4144201	RESIDENT	1.03E-03	6.30E-06	1.19E-03	2.98E-06	3.57E-07	2.18E-09	1.24E-06	3.11E-09
6894934144201	689493	4144201	RESIDENT	1.04E-03	6.36E-06	1.20E-03	3.01E-06	3.59E-07	2.20E-09	1.25E-06	3.14E-09
6894984144201	689498	4144201	RESIDENT	1.04E-03	6.42E-06	1.20E-03	3.04E-06	3.61E-07	2.22E-09	1.26E-06	3.17E-09
6895034144201	689503	4144201	RESIDENT	1.05E-03	6.48E-06	1.21E-03	3.06E-06	3.64E-07	2.24E-09	1.26E-06	3.20E-09
6895084144201	689508	4144201	RESIDENT	1.06E-03	6.54E-06	1.22E-03	3.09E-06	3.66E-07	2.26E-09	1.27E-06	3.23E-09
6895134144201	689513	4144201	RESIDENT	1.06E-03	6.60E-06	1.22E-03	3.12E-06	3.68E-07	2.28E-09	1.28E-06	3.26E-09
6895184144201	689518	4144201	RESIDENT	1.07E-03	6.66E-06	1.23E-03	3.15E-06	3.70E-07	2.31E-09	1.29E-06	3.29E-09
6895234144201	689523	4144201	RESIDENT	1.08E-03	6.72E-06	1.24E-03	3.18E-06	3.73E-07	2.33E-09	1.30E-06	3.32E-09
6895284144201	689528	4144201	RESIDENT	1.08E-03	6.78E-06	1.25E-03	3.21E-06	3.75E-07	2.35E-09	1.30E-06	3.35E-09
6895334144201	689533	4144201	RESIDENT	1.09E-03	6.85E-06	1.26E-03	3.24E-06	3.77E-07	2.37E-09	1.31E-06	3.39E-09
6895384144201	689538	4144201	RESIDENT	1.10E-03	6.91E-06	1.26E-03	3.27E-06	3.80E-07	2.39E-09	1.32E-06	3.42E-09
6895434144201	689543	4144201	RESIDENT	1.10E-03	6.98E-06	1.27E-03	3.30E-06	3.82E-07	2.42E-09	1.33E-06	3.45E-09
6895484144201	689548	4144201	RESIDENT	1.11E-03	7.05E-06	1.28E-03	3.33E-06	3.85E-07	2.44E-09	1.34E-06	3.48E-09
6895534144201	689553	4144201	RESIDENT	1.12E-03	7.12E-06	1.29E-03	3.37E-06	3.87E-07	2.46E-09	1.35E-06	3.52E-09
6895584144201	689558	4144201	RESIDENT	1.13E-03	7.19E-06	1.30E-03	3.40E-06	3.90E-07	2.49E-09	1.36E-06	3.55E-09
6895634144201	689563	4144201	RESIDENT	1.13E-03	7.26E-06	1.31E-03	3.43E-06	3.93E-07	2.51E-09	1.37E-06	3.59E-09
6895684144201	689568	4144201	RESIDENT	1.14E-03	7.33E-06	1.32E-03	3.47E-06	3.96E-07	2.54E-09	1.38E-06	3.62E-09
6895734144201	689573	4144201	RESIDENT	1.15E-03	7.40E-06	1.33E-03	3.50E-06	3.98E-07	2.56E-09	1.39E-06	3.66E-09
6895784144201	689578	4144201	RESIDENT	1.16E-03	7.47E-06	1.34E-03	3.53E-06	4.01E-07	2.59E-09	1.40E-06	3.69E-09
6895834144201	689583	4144201	RESIDENT	1.17E-03	7.55E-06	1.35E-03	3.57E-06	4.04E-07	2.61E-09	1.41E-06	3.73E-09
6895884144201	689588	4144201	RESIDENT	1.18E-03	7.62E-06	1.36E-03	3.61E-06	4.08E-07	2.64E-09	1.42E-06	3.77E-09
6895934144201	689593	4144201	RESIDENT	1.19E-03	7.70E-06	1.37E-03	3.64E-06	4.11E-07	2.67E-09	1.43E-06	3.81E-09
6895984144201	689598	4144201	RESIDENT	1.20E-03	7.78E-06	1.38E-03	3.68E-06	4.14E-07	2.69E-09	1.44E-06	3.85E-09
6896034144201	689603	4144201	RESIDENT	1.21E-03	7.86E-06	1.39E-03	3.72E-06	4.17E-07	2.72E-09	1.45E-06	3.88E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896084144201	689608	4144201	RESIDENT	1.22E-03	7.94E-06	1.40E-03	3.75E-06	4.21E-07	2.75E-09	1.46E-06	3.92E-09
6896134144201	689613	4144201	RESIDENT	1.23E-03	8.02E-06	1.41E-03	3.79E-06	4.24E-07	2.78E-09	1.48E-06	3.96E-09
6896184144201	689618	4144201	RESIDENT	1.24E-03	8.10E-06	1.42E-03	3.83E-06	4.28E-07	2.80E-09	1.49E-06	4.01E-09
6896234144201	689623	4144201	RESIDENT	1.25E-03	8.19E-06	1.44E-03	3.87E-06	4.32E-07	2.83E-09	1.50E-06	4.05E-09
6896284144201	689628	4144201	RESIDENT	1.26E-03	8.27E-06	1.45E-03	3.91E-06	4.35E-07	2.86E-09	1.51E-06	4.09E-09
6896334144201	689633	4144201	RESIDENT	1.27E-03	8.36E-06	1.46E-03	3.95E-06	4.39E-07	2.89E-09	1.53E-06	4.13E-09
6896384144201	689638	4144201	RESIDENT	1.28E-03	8.45E-06	1.48E-03	4.00E-06	4.43E-07	2.92E-09	1.54E-06	4.18E-09
6896434144201	689643	4144201	RESIDENT	1.29E-03	8.54E-06	1.49E-03	4.04E-06	4.48E-07	2.96E-09	1.56E-06	4.22E-09
6896484144201	689648	4144201	RESIDENT	1.31E-03	8.63E-06	1.50E-03	4.08E-06	4.52E-07	2.99E-09	1.57E-06	4.27E-09
6894484144206	689448	4144206	RESIDENT	1.01E-03	5.89E-06	1.17E-03	2.78E-06	3.51E-07	2.04E-09	1.22E-06	2.91E-09
6894534144206	689453	4144206	RESIDENT	1.02E-03	5.94E-06	1.17E-03	2.81E-06	3.53E-07	2.06E-09	1.23E-06	2.94E-09
6894584144206	689458	4144206	RESIDENT	1.02E-03	5.99E-06	1.18E-03	2.83E-06	3.55E-07	2.07E-09	1.23E-06	2.96E-09
6894634144206	689463	4144206	RESIDENT	1.03E-03	6.04E-06	1.19E-03	2.86E-06	3.57E-07	2.09E-09	1.24E-06	2.99E-09
6894684144206	689468	4144206	RESIDENT	1.04E-03	6.10E-06	1.19E-03	2.89E-06	3.59E-07	2.11E-09	1.25E-06	3.02E-09
6894734144206	689473	4144206	RESIDENT	1.04E-03	6.15E-06	1.20E-03	2.91E-06	3.61E-07	2.13E-09	1.25E-06	3.04E-09
6894784144206	689478	4144206	RESIDENT	1.05E-03	6.21E-06	1.21E-03	2.94E-06	3.63E-07	2.15E-09	1.26E-06	3.07E-09
6894834144206	689483	4144206	RESIDENT	1.05E-03	6.27E-06	1.21E-03	2.96E-06	3.65E-07	2.17E-09	1.27E-06	3.10E-09
6894884144206	689488	4144206	RESIDENT	1.06E-03	6.32E-06	1.22E-03	2.99E-06	3.67E-07	2.19E-09	1.28E-06	3.13E-09
6894934144206	689493	4144206	RESIDENT	1.07E-03	6.38E-06	1.23E-03	3.02E-06	3.69E-07	2.21E-09	1.28E-06	3.16E-09
6894984144206	689498	4144206	RESIDENT	1.07E-03	6.44E-06	1.24E-03	3.05E-06	3.71E-07	2.23E-09	1.29E-06	3.18E-09
6895034144206	689503	4144206	RESIDENT	1.08E-03	6.50E-06	1.24E-03	3.07E-06	3.74E-07	2.25E-09	1.30E-06	3.21E-09
6895084144206	689508	4144206	RESIDENT	1.09E-03	6.56E-06	1.25E-03	3.10E-06	3.76E-07	2.27E-09	1.31E-06	3.24E-09
6895134144206	689513	4144206	RESIDENT	1.09E-03	6.62E-06	1.26E-03	3.13E-06	3.78E-07	2.29E-09	1.32E-06	3.27E-09
6895184144206	689518	4144206	RESIDENT	1.10E-03	6.68E-06	1.27E-03	3.16E-06	3.81E-07	2.31E-09	1.32E-06	3.30E-09
6895234144206	689523	4144206	RESIDENT	1.11E-03	6.75E-06	1.27E-03	3.19E-06	3.83E-07	2.34E-09	1.33E-06	3.34E-09
6895284144206	689528	4144206	RESIDENT	1.11E-03	6.81E-06	1.28E-03	3.22E-06	3.85E-07	2.36E-09	1.34E-06	3.37E-09
6895334144206	689533	4144206	RESIDENT	1.12E-03	6.87E-06	1.29E-03	3.25E-06	3.88E-07	2.38E-09	1.35E-06	3.40E-09
6895384144206	689538	4144206	RESIDENT	1.13E-03	6.94E-06	1.30E-03	3.28E-06	3.90E-07	2.40E-09	1.36E-06	3.43E-09
6895434144206	689543	4144206	RESIDENT	1.14E-03	7.01E-06	1.31E-03	3.31E-06	3.93E-07	2.43E-09	1.37E-06	3.46E-09
6895484144206	689548	4144206	RESIDENT	1.14E-03	7.07E-06	1.32E-03	3.35E-06	3.96E-07	2.45E-09	1.38E-06	3.50E-09
6895534144206	689553	4144206	RESIDENT	1.15E-03	7.14E-06	1.33E-03	3.38E-06	3.98E-07	2.47E-09	1.39E-06	3.53E-09
6895584144206	689558	4144206	RESIDENT	1.16E-03	7.21E-06	1.33E-03	3.41E-06	4.01E-07	2.50E-09	1.39E-06	3.56E-09
6895634144206	689563	4144206	RESIDENT	1.17E-03	7.28E-06	1.34E-03	3.44E-06	4.04E-07	2.52E-09	1.40E-06	3.60E-09
6895684144206	689568	4144206	RESIDENT	1.18E-03	7.35E-06	1.35E-03	3.48E-06	4.07E-07	2.54E-09	1.41E-06	3.63E-09
6895734144206	689573	4144206	RESIDENT	1.18E-03	7.42E-06	1.36E-03	3.51E-06	4.10E-07	2.57E-09	1.42E-06	3.67E-09
6895784144206	689578	4144206	RESIDENT	1.19E-03	7.50E-06	1.37E-03	3.55E-06	4.13E-07	2.60E-09	1.43E-06	3.71E-09
6895834144206	689583	4144206	RESIDENT	1.20E-03	7.57E-06	1.38E-03	3.58E-06	4.16E-07	2.62E-09	1.45E-06	3.74E-09
6895884144206	689588	4144206	RESIDENT	1.21E-03	7.65E-06	1.39E-03	3.62E-06	4.19E-07	2.65E-09	1.46E-06	3.78E-09
6895934144206	689593	4144206	RESIDENT	1.22E-03	7.72E-06	1.40E-03	3.65E-06	4.22E-07	2.67E-09	1.47E-06	3.82E-09
6895984144206	689598	4144206	RESIDENT	1.23E-03	7.80E-06	1.42E-03	3.69E-06	4.25E-07	2.70E-09	1.48E-06	3.86E-09
6896034144206	689603	4144206	RESIDENT	1.24E-03	7.88E-06	1.43E-03	3.73E-06	4.29E-07	2.73E-09	1.49E-06	3.90E-09
6896084144206	689608	4144206	RESIDENT	1.25E-03	7.96E-06	1.44E-03	3.77E-06	4.32E-07	2.76E-09	1.50E-06	3.94E-09
6896134144206	689613	4144206	RESIDENT	1.26E-03	8.04E-06	1.45E-03	3.81E-06	4.36E-07	2.78E-09	1.52E-06	3.98E-09
6896184144206	689618	4144206	RESIDENT	1.27E-03	8.13E-06	1.46E-03	3.84E-06	4.40E-07	2.81E-09	1.53E-06	4.02E-09
6896234144206	689623	4144206	RESIDENT	1.28E-03	8.21E-06	1.47E-03	3.88E-06	4.43E-07	2.84E-09	1.54E-06	4.06E-09
6896284144206	689628	4144206	RESIDENT	1.29E-03	8.30E-06	1.49E-03	3.93E-06	4.47E-07	2.87E-09	1.56E-06	4.10E-09
6896334144206	689633	4144206	RESIDENT	1.30E-03	8.39E-06	1.50E-03	3.97E-06	4.51E-07	2.90E-09	1.57E-06	4.15E-09
6896384144206	689638	4144206	RESIDENT	1.32E-03	8.47E-06	1.52E-03	4.01E-06	4.55E-07	2.93E-09	1.58E-06	4.19E-09
6896434144206	689643	4144206	RESIDENT	1.33E-03	8.56E-06	1.53E-03	4.05E-06	4.60E-07	2.96E-09	1.60E-06	4.23E-09
6896484144206	689648	4144206	RESIDENT	1.34E-03	8.66E-06	1.54E-03	4.09E-06	4.64E-07	3.00E-09	1.61E-06	4.28E-09
6894484144211	689448	4144211	RESIDENT	1.04E-03	5.91E-06	1.20E-03	2.80E-06	3.60E-07	2.05E-09	1.25E-06	2.92E-09
6894534144211	689453	4144211	RESIDENT	1.05E-03	5.96E-06	1.21E-03	2.82E-06	3.62E-07	2.06E-09	1.26E-06	2.95E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6894584144211	689458	4144211	RESIDENT	1.05E-03	6.01E-06	1.21E-03	2.85E-06	3.64E-07	2.08E-09	1.27E-06	2.97E-09
6894634144211	689463	4144211	RESIDENT	1.06E-03	6.07E-06	1.22E-03	2.87E-06	3.66E-07	2.10E-09	1.27E-06	3.00E-09
6894684144211	689468	4144211	RESIDENT	1.06E-03	6.12E-06	1.23E-03	2.90E-06	3.69E-07	2.12E-09	1.28E-06	3.03E-09
6894734144211	689473	4144211	RESIDENT	1.07E-03	6.18E-06	1.23E-03	2.92E-06	3.71E-07	2.14E-09	1.29E-06	3.05E-09
6894784144211	689478	4144211	RESIDENT	1.08E-03	6.23E-06	1.24E-03	2.95E-06	3.73E-07	2.16E-09	1.30E-06	3.08E-09
6894834144211	689483	4144211	RESIDENT	1.08E-03	6.29E-06	1.25E-03	2.98E-06	3.75E-07	2.18E-09	1.30E-06	3.11E-09
6894884144211	689488	4144211	RESIDENT	1.09E-03	6.35E-06	1.25E-03	3.00E-06	3.77E-07	2.20E-09	1.31E-06	3.14E-09
6894934144211	689493	4144211	RESIDENT	1.10E-03	6.41E-06	1.26E-03	3.03E-06	3.80E-07	2.22E-09	1.32E-06	3.17E-09
6894984144211	689498	4144211	RESIDENT	1.10E-03	6.46E-06	1.27E-03	3.06E-06	3.82E-07	2.24E-09	1.33E-06	3.20E-09
6895034144211	689503	4144211	RESIDENT	1.11E-03	6.52E-06	1.28E-03	3.09E-06	3.84E-07	2.26E-09	1.34E-06	3.23E-09
6895084144211	689508	4144211	RESIDENT	1.12E-03	6.58E-06	1.29E-03	3.11E-06	3.87E-07	2.28E-09	1.34E-06	3.26E-09
6895134144211	689513	4144211	RESIDENT	1.12E-03	6.64E-06	1.29E-03	3.14E-06	3.89E-07	2.30E-09	1.35E-06	3.29E-09
6895184144211	689518	4144211	RESIDENT	1.13E-03	6.71E-06	1.30E-03	3.17E-06	3.91E-07	2.32E-09	1.36E-06	3.32E-09
6895234144211	689523	4144211	RESIDENT	1.14E-03	6.77E-06	1.31E-03	3.20E-06	3.94E-07	2.34E-09	1.37E-06	3.35E-09
6895284144211	689528	4144211	RESIDENT	1.15E-03	6.83E-06	1.32E-03	3.23E-06	3.96E-07	2.37E-09	1.38E-06	3.38E-09
6895334144211	689533	4144211	RESIDENT	1.15E-03	6.90E-06	1.33E-03	3.26E-06	3.99E-07	2.39E-09	1.39E-06	3.41E-09
6895384144211	689538	4144211	RESIDENT	1.16E-03	6.96E-06	1.34E-03	3.29E-06	4.02E-07	2.41E-09	1.40E-06	3.44E-09
6895434144211	689543	4144211	RESIDENT	1.17E-03	7.03E-06	1.34E-03	3.33E-06	4.04E-07	2.43E-09	1.41E-06	3.48E-09
6895484144211	689548	4144211	RESIDENT	1.18E-03	7.10E-06	1.35E-03	3.36E-06	4.07E-07	2.46E-09	1.42E-06	3.51E-09
6895534144211	689553	4144211	RESIDENT	1.18E-03	7.17E-06	1.36E-03	3.39E-06	4.10E-07	2.48E-09	1.42E-06	3.54E-09
6895584144211	689558	4144211	RESIDENT	1.19E-03	7.24E-06	1.37E-03	3.42E-06	4.13E-07	2.50E-09	1.43E-06	3.58E-09
6895634144211	689563	4144211	RESIDENT	1.20E-03	7.31E-06	1.38E-03	3.46E-06	4.16E-07	2.53E-09	1.44E-06	3.61E-09
6895684144211	689568	4144211	RESIDENT	1.21E-03	7.38E-06	1.39E-03	3.49E-06	4.18E-07	2.55E-09	1.45E-06	3.65E-09
6895734144211	689573	4144211	RESIDENT	1.22E-03	7.45E-06	1.40E-03	3.52E-06	4.21E-07	2.58E-09	1.47E-06	3.68E-09
6895784144211	689578	4144211	RESIDENT	1.23E-03	7.52E-06	1.41E-03	3.56E-06	4.25E-07	2.60E-09	1.48E-06	3.72E-09
6895834144211	689583	4144211	RESIDENT	1.24E-03	7.60E-06	1.42E-03	3.59E-06	4.28E-07	2.63E-09	1.49E-06	3.76E-09
6895884144211	689588	4144211	RESIDENT	1.24E-03	7.67E-06	1.43E-03	3.63E-06	4.31E-07	2.66E-09	1.50E-06	3.79E-09
6895934144211	689593	4144211	RESIDENT	1.25E-03	7.75E-06	1.44E-03	3.67E-06	4.34E-07	2.68E-09	1.51E-06	3.83E-09
6895984144211	689598	4144211	RESIDENT	1.26E-03	7.83E-06	1.46E-03	3.70E-06	4.38E-07	2.71E-09	1.52E-06	3.87E-09
6896034144211	689603	4144211	RESIDENT	1.27E-03	7.91E-06	1.47E-03	3.74E-06	4.41E-07	2.74E-09	1.53E-06	3.91E-09
6896084144211	689608	4144211	RESIDENT	1.28E-03	7.99E-06	1.48E-03	3.78E-06	4.45E-07	2.77E-09	1.55E-06	3.95E-09
6896134144211	689613	4144211	RESIDENT	1.30E-03	8.07E-06	1.49E-03	3.82E-06	4.48E-07	2.79E-09	1.56E-06	3.99E-09
6896184144211	689618	4144211	RESIDENT	1.31E-03	8.15E-06	1.50E-03	3.86E-06	4.52E-07	2.82E-09	1.57E-06	4.03E-09
6896234144211	689623	4144211	RESIDENT	1.32E-03	8.24E-06	1.52E-03	3.90E-06	4.56E-07	2.85E-09	1.59E-06	4.07E-09
6896284144211	689628	4144211	RESIDENT	1.33E-03	8.32E-06	1.53E-03	3.94E-06	4.60E-07	2.88E-09	1.60E-06	4.12E-09
6896334144211	689633	4144211	RESIDENT	1.34E-03	8.41E-06	1.54E-03	3.98E-06	4.64E-07	2.91E-09	1.61E-06	4.16E-09
6896384144211	689638	4144211	RESIDENT	1.35E-03	8.50E-06	1.56E-03	4.02E-06	4.68E-07	2.94E-09	1.63E-06	4.20E-09
6896434144211	689643	4144211	RESIDENT	1.37E-03	8.59E-06	1.57E-03	4.06E-06	4.73E-07	2.97E-09	1.64E-06	4.25E-09
6896484144211	689648	4144211	RESIDENT	1.38E-03	8.68E-06	1.59E-03	4.11E-06	4.77E-07	3.01E-09	1.66E-06	4.29E-09
6894484144216	689448	4144216	RESIDENT	1.07E-03	5.93E-06	1.23E-03	2.81E-06	3.70E-07	2.05E-09	1.29E-06	2.93E-09
6894534144216	689453	4144216	RESIDENT	1.07E-03	5.99E-06	1.24E-03	2.83E-06	3.72E-07	2.07E-09	1.29E-06	2.96E-09
6894584144216	689458	4144216	RESIDENT	1.08E-03	6.04E-06	1.25E-03	2.86E-06	3.74E-07	2.09E-09	1.30E-06	2.99E-09
6894634144216	689463	4144216	RESIDENT	1.09E-03	6.09E-06	1.25E-03	2.88E-06	3.76E-07	2.11E-09	1.31E-06	3.01E-09
6894684144216	689468	4144216	RESIDENT	1.09E-03	6.15E-06	1.26E-03	2.91E-06	3.79E-07	2.13E-09	1.32E-06	3.04E-09
6894734144216	689473	4144216	RESIDENT	1.10E-03	6.20E-06	1.27E-03	2.93E-06	3.81E-07	2.15E-09	1.32E-06	3.07E-09
6894784144216	689478	4144216	RESIDENT	1.11E-03	6.26E-06	1.27E-03	2.96E-06	3.83E-07	2.17E-09	1.33E-06	3.09E-09
6894834144216	689483	4144216	RESIDENT	1.11E-03	6.31E-06	1.28E-03	2.99E-06	3.86E-07	2.19E-09	1.34E-06	3.12E-09
6894884144216	689488	4144216	RESIDENT	1.12E-03	6.37E-06	1.29E-03	3.01E-06	3.88E-07	2.21E-09	1.35E-06	3.15E-09
6894934144216	689493	4144216	RESIDENT	1.13E-03	6.43E-06	1.30E-03	3.04E-06	3.90E-07	2.23E-09	1.36E-06	3.18E-09
6894984144216	689498	4144216	RESIDENT	1.13E-03	6.49E-06	1.31E-03	3.07E-06	3.93E-07	2.25E-09	1.36E-06	3.21E-09
6895034144216	689503	4144216	RESIDENT	1.14E-03	6.55E-06	1.31E-03	3.10E-06	3.95E-07	2.27E-09	1.37E-06	3.24E-09
6895084144216	689508	4144216	RESIDENT	1.15E-03	6.61E-06	1.32E-03	3.13E-06	3.98E-07	2.29E-09	1.38E-06	3.27E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895134144216	689513	4144216	RESIDENT	1.16E-03	6.67E-06	1.33E-03	3.15E-06	4.00E-07	2.31E-09	1.39E-06	3.30E-09
6895184144216	689518	4144216	RESIDENT	1.16E-03	6.73E-06	1.34E-03	3.18E-06	4.03E-07	2.33E-09	1.40E-06	3.33E-09
6895234144216	689523	4144216	RESIDENT	1.17E-03	6.79E-06	1.35E-03	3.21E-06	4.05E-07	2.35E-09	1.41E-06	3.36E-09
6895284144216	689528	4144216	RESIDENT	1.18E-03	6.86E-06	1.36E-03	3.24E-06	4.08E-07	2.37E-09	1.42E-06	3.39E-09
6895334144216	689533	4144216	RESIDENT	1.19E-03	6.92E-06	1.37E-03	3.27E-06	4.10E-07	2.40E-09	1.43E-06	3.42E-09
6895384144216	689538	4144216	RESIDENT	1.19E-03	6.99E-06	1.37E-03	3.31E-06	4.13E-07	2.42E-09	1.44E-06	3.45E-09
6895434144216	689543	4144216	RESIDENT	1.20E-03	7.05E-06	1.38E-03	3.34E-06	4.16E-07	2.44E-09	1.45E-06	3.49E-09
6895484144216	689548	4144216	RESIDENT	1.21E-03	7.12E-06	1.39E-03	3.37E-06	4.19E-07	2.47E-09	1.46E-06	3.52E-09
6895534144216	689553	4144216	RESIDENT	1.22E-03	7.19E-06	1.40E-03	3.40E-06	4.22E-07	2.49E-09	1.47E-06	3.55E-09
6895584144216	689558	4144216	RESIDENT	1.23E-03	7.26E-06	1.41E-03	3.43E-06	4.25E-07	2.51E-09	1.48E-06	3.59E-09
6895634144216	689563	4144216	RESIDENT	1.24E-03	7.33E-06	1.42E-03	3.47E-06	4.28E-07	2.54E-09	1.49E-06	3.62E-09
6895684144216	689568	4144216	RESIDENT	1.24E-03	7.40E-06	1.43E-03	3.50E-06	4.31E-07	2.56E-09	1.50E-06	3.66E-09
6895734144216	689573	4144216	RESIDENT	1.25E-03	7.47E-06	1.44E-03	3.54E-06	4.34E-07	2.59E-09	1.51E-06	3.69E-09
6895784144216	689578	4144216	RESIDENT	1.26E-03	7.55E-06	1.45E-03	3.57E-06	4.37E-07	2.61E-09	1.52E-06	3.73E-09
6895834144216	689583	4144216	RESIDENT	1.27E-03	7.62E-06	1.46E-03	3.61E-06	4.40E-07	2.64E-09	1.53E-06	3.77E-09
6895884144216	689588	4144216	RESIDENT	1.28E-03	7.70E-06	1.48E-03	3.64E-06	4.44E-07	2.66E-09	1.54E-06	3.81E-09
6895934144216	689593	4144216	RESIDENT	1.29E-03	7.77E-06	1.49E-03	3.68E-06	4.47E-07	2.69E-09	1.55E-06	3.84E-09
6895984144216	689598	4144216	RESIDENT	1.30E-03	7.85E-06	1.50E-03	3.71E-06	4.51E-07	2.72E-09	1.57E-06	3.88E-09
6896034144216	689603	4144216	RESIDENT	1.31E-03	7.93E-06	1.51E-03	3.75E-06	4.54E-07	2.75E-09	1.58E-06	3.92E-09
6896084144216	689608	4144216	RESIDENT	1.32E-03	8.01E-06	1.52E-03	3.79E-06	4.58E-07	2.77E-09	1.59E-06	3.96E-09
6896134144216	689613	4144216	RESIDENT	1.33E-03	8.10E-06	1.54E-03	3.83E-06	4.62E-07	2.80E-09	1.60E-06	4.00E-09
6896184144216	689618	4144216	RESIDENT	1.34E-03	8.18E-06	1.55E-03	3.87E-06	4.65E-07	2.83E-09	1.62E-06	4.04E-09
6896234144216	689623	4144216	RESIDENT	1.36E-03	8.26E-06	1.56E-03	3.91E-06	4.69E-07	2.86E-09	1.63E-06	4.09E-09
6896284144216	689628	4144216	RESIDENT	1.37E-03	8.35E-06	1.57E-03	3.95E-06	4.73E-07	2.89E-09	1.65E-06	4.13E-09
6896334144216	689633	4144216	RESIDENT	1.38E-03	8.44E-06	1.59E-03	3.99E-06	4.77E-07	2.92E-09	1.66E-06	4.17E-09
6896384144216	689638	4144216	RESIDENT	1.39E-03	8.53E-06	1.60E-03	4.03E-06	4.82E-07	2.95E-09	1.68E-06	4.22E-09
6896434144216	689643	4144216	RESIDENT	1.40E-03	8.62E-06	1.62E-03	4.08E-06	4.86E-07	2.98E-09	1.69E-06	4.26E-09
6896484144216	689648	4144216	RESIDENT	1.42E-03	8.71E-06	1.63E-03	4.12E-06	4.91E-07	3.01E-09	1.71E-06	4.31E-09
6894484144221	689448	4144221	RESIDENT	1.10E-03	5.96E-06	1.26E-03	2.82E-06	3.80E-07	2.06E-09	1.32E-06	2.94E-09
6894534144221	689453	4144221	RESIDENT	1.10E-03	6.01E-06	1.27E-03	2.84E-06	3.82E-07	2.08E-09	1.33E-06	2.97E-09
6894584144221	689458	4144221	RESIDENT	1.11E-03	6.06E-06	1.28E-03	2.87E-06	3.84E-07	2.10E-09	1.34E-06	3.00E-09
6894634144221	689463	4144221	RESIDENT	1.12E-03	6.11E-06	1.29E-03	2.89E-06	3.87E-07	2.12E-09	1.34E-06	3.02E-09
6894684144221	689468	4144221	RESIDENT	1.12E-03	6.17E-06	1.29E-03	2.92E-06	3.89E-07	2.14E-09	1.35E-06	3.05E-09
6894734144221	689473	4144221	RESIDENT	1.13E-03	6.22E-06	1.30E-03	2.94E-06	3.91E-07	2.15E-09	1.36E-06	3.08E-09
6894784144221	689478	4144221	RESIDENT	1.14E-03	6.28E-06	1.31E-03	2.97E-06	3.94E-07	2.17E-09	1.37E-06	3.11E-09
6894834144221	689483	4144221	RESIDENT	1.14E-03	6.34E-06	1.32E-03	3.00E-06	3.96E-07	2.19E-09	1.38E-06	3.13E-09
6894884144221	689488	4144221	RESIDENT	1.15E-03	6.39E-06	1.33E-03	3.02E-06	3.99E-07	2.21E-09	1.39E-06	3.16E-09
6894934144221	689493	4144221	RESIDENT	1.16E-03	6.45E-06	1.33E-03	3.05E-06	4.01E-07	2.23E-09	1.39E-06	3.19E-09
6894984144221	689498	4144221	RESIDENT	1.17E-03	6.51E-06	1.34E-03	3.08E-06	4.04E-07	2.25E-09	1.40E-06	3.22E-09
6895034144221	689503	4144221	RESIDENT	1.17E-03	6.57E-06	1.35E-03	3.11E-06	4.06E-07	2.27E-09	1.41E-06	3.25E-09
6895084144221	689508	4144221	RESIDENT	1.18E-03	6.63E-06	1.36E-03	3.14E-06	4.09E-07	2.30E-09	1.42E-06	3.28E-09
6895134144221	689513	4144221	RESIDENT	1.19E-03	6.69E-06	1.37E-03	3.17E-06	4.12E-07	2.32E-09	1.43E-06	3.31E-09
6895184144221	689518	4144221	RESIDENT	1.20E-03	6.75E-06	1.38E-03	3.20E-06	4.14E-07	2.34E-09	1.44E-06	3.34E-09
6895234144221	689523	4144221	RESIDENT	1.20E-03	6.82E-06	1.39E-03	3.22E-06	4.17E-07	2.36E-09	1.45E-06	3.37E-09
6895284144221	689528	4144221	RESIDENT	1.21E-03	6.88E-06	1.40E-03	3.25E-06	4.20E-07	2.38E-09	1.46E-06	3.40E-09
6895334144221	689533	4144221	RESIDENT	1.22E-03	6.95E-06	1.41E-03	3.29E-06	4.22E-07	2.40E-09	1.47E-06	3.43E-09
6895384144221	689538	4144221	RESIDENT	1.23E-03	7.01E-06	1.41E-03	3.32E-06	4.25E-07	2.43E-09	1.48E-06	3.47E-09
6895434144221	689543	4144221	RESIDENT	1.24E-03	7.08E-06	1.42E-03	3.35E-06	4.28E-07	2.45E-09	1.49E-06	3.50E-09
6895484144221	689548	4144221	RESIDENT	1.25E-03	7.15E-06	1.43E-03	3.38E-06	4.31E-07	2.47E-09	1.50E-06	3.53E-09
6895534144221	689553	4144221	RESIDENT	1.25E-03	7.21E-06	1.44E-03	3.41E-06	4.34E-07	2.50E-09	1.51E-06	3.57E-09
6895584144221	689558	4144221	RESIDENT	1.26E-03	7.28E-06	1.45E-03	3.45E-06	4.37E-07	2.52E-09	1.52E-06	3.60E-09
6895634144221	689563	4144221	RESIDENT	1.27E-03	7.35E-06	1.46E-03	3.48E-06	4.40E-07	2.55E-09	1.53E-06	3.64E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895684144221	689568	4144221	RESIDENT	1.28E-03	7.43E-06	1.48E-03	3.51E-06	4.44E-07	2.57E-09	1.54E-06	3.67E-09
6895734144221	689573	4144221	RESIDENT	1.29E-03	7.50E-06	1.49E-03	3.55E-06	4.47E-07	2.60E-09	1.55E-06	3.71E-09
6895784144221	689578	4144221	RESIDENT	1.30E-03	7.57E-06	1.50E-03	3.58E-06	4.50E-07	2.62E-09	1.56E-06	3.74E-09
6895834144221	689583	4144221	RESIDENT	1.31E-03	7.65E-06	1.51E-03	3.62E-06	4.53E-07	2.65E-09	1.58E-06	3.78E-09
6895884144221	689588	4144221	RESIDENT	1.32E-03	7.72E-06	1.52E-03	3.65E-06	4.57E-07	2.67E-09	1.59E-06	3.82E-09
6895934144221	689593	4144221	RESIDENT	1.33E-03	7.80E-06	1.53E-03	3.69E-06	4.60E-07	2.70E-09	1.60E-06	3.86E-09
6895984144221	689598	4144221	RESIDENT	1.34E-03	7.88E-06	1.54E-03	3.73E-06	4.64E-07	2.73E-09	1.61E-06	3.89E-09
6896034144221	689603	4144221	RESIDENT	1.35E-03	7.96E-06	1.56E-03	3.76E-06	4.68E-07	2.75E-09	1.63E-06	3.93E-09
6896084144221	689608	4144221	RESIDENT	1.36E-03	8.04E-06	1.57E-03	3.80E-06	4.72E-07	2.78E-09	1.64E-06	3.97E-09
6896134144221	689613	4144221	RESIDENT	1.37E-03	8.12E-06	1.58E-03	3.84E-06	4.75E-07	2.81E-09	1.65E-06	4.01E-09
6896184144221	689618	4144221	RESIDENT	1.38E-03	8.20E-06	1.59E-03	3.88E-06	4.79E-07	2.84E-09	1.67E-06	4.06E-09
6896234144221	689623	4144221	RESIDENT	1.40E-03	8.29E-06	1.61E-03	3.92E-06	4.83E-07	2.87E-09	1.68E-06	4.10E-09
6896284144221	689628	4144221	RESIDENT	1.41E-03	8.37E-06	1.62E-03	3.96E-06	4.88E-07	2.90E-09	1.70E-06	4.14E-09
6896334144221	689633	4144221	RESIDENT	1.42E-03	8.46E-06	1.64E-03	4.00E-06	4.92E-07	2.93E-09	1.71E-06	4.18E-09
6896384144221	689638	4144221	RESIDENT	1.43E-03	8.55E-06	1.65E-03	4.04E-06	4.96E-07	2.96E-09	1.72E-06	4.23E-09
6896434144221	689643	4144221	RESIDENT	1.45E-03	8.64E-06	1.67E-03	4.09E-06	5.01E-07	2.99E-09	1.74E-06	4.27E-09
6896484144221	689648	4144221	RESIDENT	1.46E-03	8.73E-06	1.68E-03	4.13E-06	5.05E-07	3.02E-09	1.76E-06	4.32E-09
6894484144226	689448	4144226	RESIDENT	1.13E-03	5.98E-06	1.30E-03	2.83E-06	3.90E-07	2.07E-09	1.36E-06	2.96E-09
6894534144226	689453	4144226	RESIDENT	1.13E-03	6.03E-06	1.31E-03	2.85E-06	3.93E-07	2.09E-09	1.36E-06	2.98E-09
6894584144226	689458	4144226	RESIDENT	1.14E-03	6.08E-06	1.31E-03	2.88E-06	3.95E-07	2.11E-09	1.37E-06	3.01E-09
6894634144226	689463	4144226	RESIDENT	1.15E-03	6.14E-06	1.32E-03	2.90E-06	3.97E-07	2.12E-09	1.38E-06	3.03E-09
6894684144226	689468	4144226	RESIDENT	1.16E-03	6.19E-06	1.33E-03	2.93E-06	4.00E-07	2.14E-09	1.39E-06	3.06E-09
6894734144226	689473	4144226	RESIDENT	1.16E-03	6.25E-06	1.34E-03	2.96E-06	4.02E-07	2.16E-09	1.40E-06	3.09E-09
6894784144226	689478	4144226	RESIDENT	1.17E-03	6.30E-06	1.35E-03	2.98E-06	4.05E-07	2.18E-09	1.41E-06	3.12E-09
6894834144226	689483	4144226	RESIDENT	1.18E-03	6.36E-06	1.36E-03	3.01E-06	4.07E-07	2.20E-09	1.42E-06	3.14E-09
6894884144226	689488	4144226	RESIDENT	1.18E-03	6.42E-06	1.36E-03	3.04E-06	4.10E-07	2.22E-09	1.43E-06	3.17E-09
6894934144226	689493	4144226	RESIDENT	1.19E-03	6.47E-06	1.37E-03	3.06E-06	4.13E-07	2.24E-09	1.43E-06	3.20E-09
6894984144226	689498	4144226	RESIDENT	1.20E-03	6.53E-06	1.38E-03	3.09E-06	4.15E-07	2.26E-09	1.44E-06	3.23E-09
6895034144226	689503	4144226	RESIDENT	1.21E-03	6.59E-06	1.39E-03	3.12E-06	4.18E-07	2.28E-09	1.45E-06	3.26E-09
6895084144226	689508	4144226	RESIDENT	1.22E-03	6.65E-06	1.40E-03	3.15E-06	4.21E-07	2.30E-09	1.46E-06	3.29E-09
6895134144226	689513	4144226	RESIDENT	1.22E-03	6.72E-06	1.41E-03	3.18E-06	4.23E-07	2.32E-09	1.47E-06	3.32E-09
6895184144226	689518	4144226	RESIDENT	1.23E-03	6.78E-06	1.42E-03	3.21E-06	4.26E-07	2.35E-09	1.48E-06	3.35E-09
6895234144226	689523	4144226	RESIDENT	1.24E-03	6.84E-06	1.43E-03	3.24E-06	4.29E-07	2.37E-09	1.49E-06	3.38E-09
6895284144226	689528	4144226	RESIDENT	1.25E-03	6.90E-06	1.44E-03	3.27E-06	4.32E-07	2.39E-09	1.50E-06	3.41E-09
6895334144226	689533	4144226	RESIDENT	1.26E-03	6.97E-06	1.45E-03	3.30E-06	4.35E-07	2.41E-09	1.51E-06	3.45E-09
6895384144226	689538	4144226	RESIDENT	1.27E-03	7.03E-06	1.46E-03	3.33E-06	4.38E-07	2.44E-09	1.52E-06	3.48E-09
6895434144226	689543	4144226	RESIDENT	1.27E-03	7.10E-06	1.47E-03	3.36E-06	4.41E-07	2.46E-09	1.53E-06	3.51E-09
6895484144226	689548	4144226	RESIDENT	1.28E-03	7.17E-06	1.48E-03	3.39E-06	4.44E-07	2.48E-09	1.54E-06	3.54E-09
6895534144226	689553	4144226	RESIDENT	1.29E-03	7.24E-06	1.49E-03	3.42E-06	4.47E-07	2.51E-09	1.55E-06	3.58E-09
6895584144226	689558	4144226	RESIDENT	1.30E-03	7.31E-06	1.50E-03	3.46E-06	4.50E-07	2.53E-09	1.57E-06	3.61E-09
6895634144226	689563	4144226	RESIDENT	1.31E-03	7.38E-06	1.51E-03	3.49E-06	4.54E-07	2.55E-09	1.58E-06	3.65E-09
6895684144226	689568	4144226	RESIDENT	1.32E-03	7.45E-06	1.52E-03	3.52E-06	4.57E-07	2.58E-09	1.59E-06	3.68E-09
6895734144226	689573	4144226	RESIDENT	1.33E-03	7.52E-06	1.53E-03	3.56E-06	4.60E-07	2.60E-09	1.60E-06	3.72E-09
6895784144226	689578	4144226	RESIDENT	1.34E-03	7.60E-06	1.54E-03	3.59E-06	4.64E-07	2.63E-09	1.61E-06	3.76E-09
6895834144226	689583	4144226	RESIDENT	1.35E-03	7.67E-06	1.55E-03	3.63E-06	4.67E-07	2.66E-09	1.62E-06	3.79E-09
6895884144226	689588	4144226	RESIDENT	1.36E-03	7.75E-06	1.57E-03	3.66E-06	4.71E-07	2.68E-09	1.64E-06	3.83E-09
6895934144226	689593	4144226	RESIDENT	1.37E-03	7.82E-06	1.58E-03	3.70E-06	4.74E-07	2.71E-09	1.65E-06	3.87E-09
6895984144226	689598	4144226	RESIDENT	1.38E-03	7.90E-06	1.59E-03	3.74E-06	4.78E-07	2.74E-09	1.66E-06	3.91E-09
6896034144226	689603	4144226	RESIDENT	1.39E-03	7.98E-06	1.60E-03	3.78E-06	4.82E-07	2.76E-09	1.68E-06	3.95E-09
6896084144226	689608	4144226	RESIDENT	1.40E-03	8.06E-06	1.62E-03	3.81E-06	4.86E-07	2.79E-09	1.69E-06	3.99E-09
6896134144226	689613	4144226	RESIDENT	1.42E-03	8.14E-06	1.63E-03	3.85E-06	4.90E-07	2.82E-09	1.70E-06	4.03E-09
6896184144226	689618	4144226	RESIDENT	1.43E-03	8.23E-06	1.64E-03	3.89E-06	4.94E-07	2.85E-09	1.72E-06	4.07E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896234144226	689623	4144226	RESIDENT	1.44E-03	8.31E-06	1.66E-03	3.93E-06	4.98E-07	2.88E-09	1.73E-06	4.11E-09
6896284144226	689628	4144226	RESIDENT	1.45E-03	8.40E-06	1.67E-03	3.97E-06	5.02E-07	2.91E-09	1.75E-06	4.15E-09
6896334144226	689633	4144226	RESIDENT	1.46E-03	8.49E-06	1.69E-03	4.01E-06	5.07E-07	2.94E-09	1.76E-06	4.20E-09
6896384144226	689638	4144226	RESIDENT	1.48E-03	8.58E-06	1.70E-03	4.06E-06	5.11E-07	2.97E-09	1.78E-06	4.24E-09
6896434144226	689643	4144226	RESIDENT	1.49E-03	8.67E-06	1.72E-03	4.10E-06	5.16E-07	3.00E-09	1.79E-06	4.28E-09
6896484144226	689648	4144226	RESIDENT	1.50E-03	8.76E-06	1.73E-03	4.14E-06	5.21E-07	3.03E-09	1.81E-06	4.33E-09
6894484144231	689448	4144231	RESIDENT	1.16E-03	6.00E-06	1.33E-03	2.84E-06	4.01E-07	2.08E-09	1.39E-06	2.97E-09
6894534144231	689453	4144231	RESIDENT	1.16E-03	6.05E-06	1.34E-03	2.86E-06	4.03E-07	2.10E-09	1.40E-06	2.99E-09
6894584144231	689458	4144231	RESIDENT	1.17E-03	6.11E-06	1.35E-03	2.89E-06	4.06E-07	2.11E-09	1.41E-06	3.02E-09
6894634144231	689463	4144231	RESIDENT	1.18E-03	6.16E-06	1.36E-03	2.91E-06	4.08E-07	2.13E-09	1.42E-06	3.05E-09
6894684144231	689468	4144231	RESIDENT	1.19E-03	6.21E-06	1.37E-03	2.94E-06	4.11E-07	2.15E-09	1.43E-06	3.07E-09
6894734144231	689473	4144231	RESIDENT	1.19E-03	6.27E-06	1.38E-03	2.97E-06	4.13E-07	2.17E-09	1.44E-06	3.10E-09
6894784144231	689478	4144231	RESIDENT	1.20E-03	6.33E-06	1.38E-03	2.99E-06	4.16E-07	2.19E-09	1.45E-06	3.13E-09
6894834144231	689483	4144231	RESIDENT	1.21E-03	6.38E-06	1.39E-03	3.02E-06	4.19E-07	2.21E-09	1.46E-06	3.16E-09
6894884144231	689488	4144231	RESIDENT	1.22E-03	6.44E-06	1.40E-03	3.05E-06	4.21E-07	2.23E-09	1.47E-06	3.18E-09
6894934144231	689493	4144231	RESIDENT	1.23E-03	6.50E-06	1.41E-03	3.07E-06	4.24E-07	2.25E-09	1.48E-06	3.21E-09
6894984144231	689498	4144231	RESIDENT	1.23E-03	6.56E-06	1.42E-03	3.10E-06	4.27E-07	2.27E-09	1.48E-06	3.24E-09
6895034144231	689503	4144231	RESIDENT	1.24E-03	6.62E-06	1.43E-03	3.13E-06	4.30E-07	2.29E-09	1.49E-06	3.27E-09
6895084144231	689508	4144231	RESIDENT	1.25E-03	6.68E-06	1.44E-03	3.16E-06	4.33E-07	2.31E-09	1.50E-06	3.30E-09
6895134144231	689513	4144231	RESIDENT	1.26E-03	6.74E-06	1.45E-03	3.19E-06	4.36E-07	2.33E-09	1.51E-06	3.33E-09
6895184144231	689518	4144231	RESIDENT	1.27E-03	6.80E-06	1.46E-03	3.22E-06	4.39E-07	2.35E-09	1.53E-06	3.36E-09
6895234144231	689523	4144231	RESIDENT	1.28E-03	6.86E-06	1.47E-03	3.25E-06	4.42E-07	2.38E-09	1.54E-06	3.39E-09
6895284144231	689528	4144231	RESIDENT	1.28E-03	6.93E-06	1.48E-03	3.28E-06	4.45E-07	2.40E-09	1.55E-06	3.42E-09
6895334144231	689533	4144231	RESIDENT	1.29E-03	6.99E-06	1.49E-03	3.31E-06	4.48E-07	2.42E-09	1.56E-06	3.46E-09
6895384144231	689538	4144231	RESIDENT	1.30E-03	7.06E-06	1.50E-03	3.34E-06	4.51E-07	2.44E-09	1.57E-06	3.49E-09
6895434144231	689543	4144231	RESIDENT	1.31E-03	7.12E-06	1.51E-03	3.37E-06	4.54E-07	2.47E-09	1.58E-06	3.52E-09
6895484144231	689548	4144231	RESIDENT	1.32E-03	7.19E-06	1.52E-03	3.40E-06	4.57E-07	2.49E-09	1.59E-06	3.56E-09
6895534144231	689553	4144231	RESIDENT	1.33E-03	7.26E-06	1.53E-03	3.43E-06	4.61E-07	2.51E-09	1.60E-06	3.59E-09
6895584144231	689558	4144231	RESIDENT	1.34E-03	7.33E-06	1.54E-03	3.47E-06	4.64E-07	2.54E-09	1.61E-06	3.62E-09
6895634144231	689563	4144231	RESIDENT	1.35E-03	7.40E-06	1.55E-03	3.50E-06	4.67E-07	2.56E-09	1.63E-06	3.66E-09
6895684144231	689568	4144231	RESIDENT	1.36E-03	7.47E-06	1.57E-03	3.53E-06	4.71E-07	2.59E-09	1.64E-06	3.69E-09
6895734144231	689573	4144231	RESIDENT	1.37E-03	7.54E-06	1.58E-03	3.57E-06	4.74E-07	2.61E-09	1.65E-06	3.73E-09
6895784144231	689578	4144231	RESIDENT	1.38E-03	7.62E-06	1.59E-03	3.60E-06	4.78E-07	2.64E-09	1.66E-06	3.77E-09
6895834144231	689583	4144231	RESIDENT	1.39E-03	7.69E-06	1.60E-03	3.64E-06	4.82E-07	2.66E-09	1.67E-06	3.80E-09
6895884144231	689588	4144231	RESIDENT	1.40E-03	7.77E-06	1.61E-03	3.68E-06	4.85E-07	2.69E-09	1.69E-06	3.84E-09
6895934144231	689593	4144231	RESIDENT	1.41E-03	7.85E-06	1.63E-03	3.71E-06	4.89E-07	2.72E-09	1.70E-06	3.88E-09
6895984144231	689598	4144231	RESIDENT	1.42E-03	7.93E-06	1.64E-03	3.75E-06	4.93E-07	2.74E-09	1.71E-06	3.92E-09
6896034144231	689603	4144231	RESIDENT	1.44E-03	8.01E-06	1.65E-03	3.79E-06	4.97E-07	2.77E-09	1.73E-06	3.96E-09
6896084144231	689608	4144231	RESIDENT	1.45E-03	8.09E-06	1.67E-03	3.83E-06	5.01E-07	2.80E-09	1.74E-06	4.00E-09
6896134144231	689613	4144231	RESIDENT	1.46E-03	8.17E-06	1.68E-03	3.86E-06	5.05E-07	2.83E-09	1.76E-06	4.04E-09
6896184144231	689618	4144231	RESIDENT	1.47E-03	8.25E-06	1.69E-03	3.90E-06	5.09E-07	2.86E-09	1.77E-06	4.08E-09
6896234144231	689623	4144231	RESIDENT	1.48E-03	8.34E-06	1.71E-03	3.94E-06	5.14E-07	2.89E-09	1.79E-06	4.12E-09
6896284144231	689628	4144231	RESIDENT	1.50E-03	8.42E-06	1.72E-03	3.98E-06	5.18E-07	2.92E-09	1.80E-06	4.16E-09
6896334144231	689633	4144231	RESIDENT	1.51E-03	8.51E-06	1.74E-03	4.03E-06	5.23E-07	2.95E-09	1.82E-06	4.21E-09
6896384144231	689638	4144231	RESIDENT	1.52E-03	8.60E-06	1.75E-03	4.07E-06	5.27E-07	2.98E-09	1.83E-06	4.25E-09
6896434144231	689643	4144231	RESIDENT	1.54E-03	8.69E-06	1.77E-03	4.11E-06	5.32E-07	3.01E-09	1.85E-06	4.30E-09
6896484144231	689648	4144231	RESIDENT	1.55E-03	8.78E-06	1.79E-03	4.15E-06	5.37E-07	3.04E-09	1.87E-06	4.34E-09
6894484144236	689448	4144236	RESIDENT	1.19E-03	6.02E-06	1.37E-03	2.85E-06	4.11E-07	2.08E-09	1.43E-06	2.98E-09
6894534144236	689453	4144236	RESIDENT	1.20E-03	6.07E-06	1.38E-03	2.87E-06	4.14E-07	2.10E-09	1.44E-06	3.00E-09
6894584144236	689458	4144236	RESIDENT	1.20E-03	6.13E-06	1.39E-03	2.90E-06	4.17E-07	2.12E-09	1.45E-06	3.03E-09
6894634144236	689463	4144236	RESIDENT	1.21E-03	6.18E-06	1.39E-03	2.92E-06	4.19E-07	2.14E-09	1.46E-06	3.06E-09
6894684144236	689468	4144236	RESIDENT	1.22E-03	6.24E-06	1.40E-03	2.95E-06	4.22E-07	2.16E-09	1.47E-06	3.08E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6894734144236	689473	4144236	RESIDENT	1.23E-03	6.29E-06	1.41E-03	2.98E-06	4.25E-07	2.18E-09	1.48E-06	3.11E-09
6894784144236	689478	4144236	RESIDENT	1.24E-03	6.35E-06	1.42E-03	3.00E-06	4.28E-07	2.20E-09	1.49E-06	3.14E-09
6894834144236	689483	4144236	RESIDENT	1.24E-03	6.40E-06	1.43E-03	3.03E-06	4.30E-07	2.22E-09	1.50E-06	3.17E-09
6894884144236	689488	4144236	RESIDENT	1.25E-03	6.46E-06	1.44E-03	3.06E-06	4.33E-07	2.24E-09	1.51E-06	3.19E-09
6894934144236	689493	4144236	RESIDENT	1.26E-03	6.52E-06	1.45E-03	3.08E-06	4.36E-07	2.26E-09	1.52E-06	3.22E-09
6894984144236	689498	4144236	RESIDENT	1.27E-03	6.58E-06	1.46E-03	3.11E-06	4.39E-07	2.28E-09	1.53E-06	3.25E-09
6895034144236	689503	4144236	RESIDENT	1.28E-03	6.64E-06	1.47E-03	3.14E-06	4.42E-07	2.30E-09	1.54E-06	3.28E-09
6895084144236	689508	4144236	RESIDENT	1.29E-03	6.70E-06	1.48E-03	3.17E-06	4.45E-07	2.32E-09	1.55E-06	3.31E-09
6895134144236	689513	4144236	RESIDENT	1.30E-03	6.76E-06	1.49E-03	3.20E-06	4.48E-07	2.34E-09	1.56E-06	3.34E-09
6895184144236	689518	4144236	RESIDENT	1.30E-03	6.82E-06	1.50E-03	3.23E-06	4.51E-07	2.36E-09	1.57E-06	3.37E-09
6895234144236	689523	4144236	RESIDENT	1.31E-03	6.89E-06	1.51E-03	3.26E-06	4.55E-07	2.38E-09	1.58E-06	3.40E-09
6895284144236	689528	4144236	RESIDENT	1.32E-03	6.95E-06	1.52E-03	3.29E-06	4.58E-07	2.41E-09	1.59E-06	3.44E-09
6895334144236	689533	4144236	RESIDENT	1.33E-03	7.01E-06	1.53E-03	3.32E-06	4.61E-07	2.43E-09	1.60E-06	3.47E-09
6895384144236	689538	4144236	RESIDENT	1.34E-03	7.08E-06	1.54E-03	3.35E-06	4.64E-07	2.45E-09	1.61E-06	3.50E-09
6895434144236	689543	4144236	RESIDENT	1.35E-03	7.15E-06	1.56E-03	3.38E-06	4.68E-07	2.47E-09	1.63E-06	3.53E-09
6895484144236	689548	4144236	RESIDENT	1.36E-03	7.21E-06	1.57E-03	3.41E-06	4.71E-07	2.50E-09	1.64E-06	3.57E-09
6895534144236	689553	4144236	RESIDENT	1.37E-03	7.28E-06	1.58E-03	3.45E-06	4.75E-07	2.52E-09	1.65E-06	3.60E-09
6895584144236	689558	4144236	RESIDENT	1.38E-03	7.35E-06	1.59E-03	3.48E-06	4.78E-07	2.55E-09	1.66E-06	3.64E-09
6895634144236	689563	4144236	RESIDENT	1.39E-03	7.42E-06	1.60E-03	3.51E-06	4.82E-07	2.57E-09	1.67E-06	3.67E-09
6895684144236	689568	4144236	RESIDENT	1.40E-03	7.50E-06	1.61E-03	3.55E-06	4.85E-07	2.59E-09	1.69E-06	3.71E-09
6895734144236	689573	4144236	RESIDENT	1.41E-03	7.57E-06	1.63E-03	3.58E-06	4.89E-07	2.62E-09	1.70E-06	3.74E-09
6895784144236	689578	4144236	RESIDENT	1.42E-03	7.64E-06	1.64E-03	3.61E-06	4.93E-07	2.65E-09	1.71E-06	3.78E-09
6895834144236	689583	4144236	RESIDENT	1.43E-03	7.72E-06	1.65E-03	3.65E-06	4.97E-07	2.67E-09	1.73E-06	3.82E-09
6895884144236	689588	4144236	RESIDENT	1.45E-03	7.79E-06	1.67E-03	3.69E-06	5.01E-07	2.70E-09	1.74E-06	3.85E-09
6895934144236	689593	4144236	RESIDENT	1.46E-03	7.87E-06	1.68E-03	3.72E-06	5.05E-07	2.72E-09	1.75E-06	3.89E-09
6895984144236	689598	4144236	RESIDENT	1.47E-03	7.95E-06	1.69E-03	3.76E-06	5.09E-07	2.75E-09	1.77E-06	3.93E-09
6896034144236	689603	4144236	RESIDENT	1.48E-03	8.03E-06	1.71E-03	3.80E-06	5.13E-07	2.78E-09	1.78E-06	3.97E-09
6896084144236	689608	4144236	RESIDENT	1.49E-03	8.11E-06	1.72E-03	3.84E-06	5.17E-07	2.81E-09	1.80E-06	4.01E-09
6896134144236	689613	4144236	RESIDENT	1.51E-03	8.19E-06	1.73E-03	3.88E-06	5.21E-07	2.84E-09	1.81E-06	4.05E-09
6896184144236	689618	4144236	RESIDENT	1.52E-03	8.28E-06	1.75E-03	3.91E-06	5.26E-07	2.86E-09	1.83E-06	4.09E-09
6896234144236	689623	4144236	RESIDENT	1.53E-03	8.36E-06	1.76E-03	3.95E-06	5.30E-07	2.89E-09	1.84E-06	4.13E-09
6896284144236	689628	4144236	RESIDENT	1.55E-03	8.45E-06	1.78E-03	4.00E-06	5.35E-07	2.92E-09	1.86E-06	4.18E-09
6896334144236	689633	4144236	RESIDENT	1.56E-03	8.53E-06	1.79E-03	4.04E-06	5.40E-07	2.95E-09	1.88E-06	4.22E-09
6896384144236	689638	4144236	RESIDENT	1.57E-03	8.62E-06	1.81E-03	4.08E-06	5.44E-07	2.99E-09	1.89E-06	4.26E-09
6896434144236	689643	4144236	RESIDENT	1.59E-03	8.71E-06	1.83E-03	4.12E-06	5.49E-07	3.02E-09	1.91E-06	4.31E-09
6896484144236	689648	4144236	RESIDENT	1.60E-03	8.81E-06	1.84E-03	4.17E-06	5.54E-07	3.05E-09	1.93E-06	4.35E-09
6894484144241	689448	4144241	RESIDENT	1.22E-03	6.04E-06	1.40E-03	2.86E-06	4.22E-07	2.09E-09	1.47E-06	2.99E-09
6894534144241	689453	4144241	RESIDENT	1.23E-03	6.10E-06	1.41E-03	2.88E-06	4.25E-07	2.11E-09	1.48E-06	3.01E-09
6894584144241	689458	4144241	RESIDENT	1.24E-03	6.15E-06	1.42E-03	2.91E-06	4.28E-07	2.13E-09	1.49E-06	3.04E-09
6894634144241	689463	4144241	RESIDENT	1.24E-03	6.20E-06	1.43E-03	2.93E-06	4.31E-07	2.15E-09	1.50E-06	3.07E-09
6894684144241	689468	4144241	RESIDENT	1.25E-03	6.26E-06	1.44E-03	2.96E-06	4.33E-07	2.17E-09	1.51E-06	3.09E-09
6894734144241	689473	4144241	RESIDENT	1.26E-03	6.31E-06	1.45E-03	2.99E-06	4.36E-07	2.19E-09	1.52E-06	3.12E-09
6894784144241	689478	4144241	RESIDENT	1.27E-03	6.37E-06	1.46E-03	3.01E-06	4.39E-07	2.20E-09	1.53E-06	3.15E-09
6894834144241	689483	4144241	RESIDENT	1.28E-03	6.43E-06	1.47E-03	3.04E-06	4.42E-07	2.22E-09	1.54E-06	3.18E-09
6894884144241	689488	4144241	RESIDENT	1.29E-03	6.48E-06	1.48E-03	3.07E-06	4.45E-07	2.24E-09	1.55E-06	3.21E-09
6894934144241	689493	4144241	RESIDENT	1.30E-03	6.54E-06	1.49E-03	3.09E-06	4.49E-07	2.26E-09	1.56E-06	3.23E-09
6894984144241	689498	4144241	RESIDENT	1.30E-03	6.60E-06	1.50E-03	3.12E-06	4.52E-07	2.28E-09	1.57E-06	3.26E-09
6895034144241	689503	4144241	RESIDENT	1.31E-03	6.66E-06	1.51E-03	3.15E-06	4.55E-07	2.31E-09	1.58E-06	3.29E-09
6895084144241	689508	4144241	RESIDENT	1.32E-03	6.72E-06	1.52E-03	3.18E-06	4.58E-07	2.33E-09	1.59E-06	3.32E-09
6895134144241	689513	4144241	RESIDENT	1.33E-03	6.78E-06	1.53E-03	3.21E-06	4.61E-07	2.35E-09	1.60E-06	3.35E-09
6895184144241	689518	4144241	RESIDENT	1.34E-03	6.84E-06	1.55E-03	3.24E-06	4.65E-07	2.37E-09	1.62E-06	3.38E-09
6895234144241	689523	4144241	RESIDENT	1.35E-03	6.91E-06	1.56E-03	3.27E-06	4.68E-07	2.39E-09	1.63E-06	3.42E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895284144241	689528	4144241	RESIDENT	1.36E-03	6.97E-06	1.57E-03	3.30E-06	4.71E-07	2.41E-09	1.64E-06	3.45E-09
6895334144241	689533	4144241	RESIDENT	1.37E-03	7.04E-06	1.58E-03	3.33E-06	4.75E-07	2.44E-09	1.65E-06	3.48E-09
6895384144241	689538	4144241	RESIDENT	1.38E-03	7.10E-06	1.59E-03	3.36E-06	4.78E-07	2.46E-09	1.66E-06	3.51E-09
6895434144241	689543	4144241	RESIDENT	1.39E-03	7.17E-06	1.60E-03	3.39E-06	4.82E-07	2.48E-09	1.68E-06	3.54E-09
6895484144241	689548	4144241	RESIDENT	1.40E-03	7.24E-06	1.61E-03	3.42E-06	4.85E-07	2.51E-09	1.69E-06	3.58E-09
6895534144241	689553	4144241	RESIDENT	1.41E-03	7.31E-06	1.63E-03	3.46E-06	4.89E-07	2.53E-09	1.70E-06	3.61E-09
6895584144241	689558	4144241	RESIDENT	1.42E-03	7.38E-06	1.64E-03	3.49E-06	4.93E-07	2.55E-09	1.71E-06	3.65E-09
6895634144241	689563	4144241	RESIDENT	1.43E-03	7.45E-06	1.65E-03	3.52E-06	4.97E-07	2.58E-09	1.73E-06	3.68E-09
6895684144241	689568	4144241	RESIDENT	1.45E-03	7.52E-06	1.66E-03	3.56E-06	5.00E-07	2.60E-09	1.74E-06	3.72E-09
6895734144241	689573	4144241	RESIDENT	1.46E-03	7.59E-06	1.68E-03	3.59E-06	5.04E-07	2.63E-09	1.75E-06	3.75E-09
6895784144241	689578	4144241	RESIDENT	1.47E-03	7.66E-06	1.69E-03	3.63E-06	5.08E-07	2.65E-09	1.77E-06	3.79E-09
6895834144241	689583	4144241	RESIDENT	1.48E-03	7.74E-06	1.70E-03	3.66E-06	5.12E-07	2.68E-09	1.78E-06	3.83E-09
6895884144241	689588	4144241	RESIDENT	1.49E-03	7.82E-06	1.72E-03	3.70E-06	5.16E-07	2.71E-09	1.80E-06	3.86E-09
6895934144241	689593	4144241	RESIDENT	1.50E-03	7.89E-06	1.73E-03	3.73E-06	5.21E-07	2.73E-09	1.81E-06	3.90E-09
6895984144241	6.90E+05	4.14E+06	RESIDENT	1.52E-03	7.97E-06	1.75E-03	3.77E-06	5.25E-07	2.76E-09	1.82E-06	3.94E-09
6896034144241	6.90E+05	4.14E+06	RESIDENT	1.53E-03	8.05E-06	1.76E-03	3.81E-06	5.29E-07	2.79E-09	1.84E-06	3.98E-09
6896084144241	6.90E+05	4.14E+06	RESIDENT	1.54E-03	8.13E-06	1.77E-03	3.85E-06	5.34E-07	2.82E-09	1.86E-06	4.02E-09
6896134144241	6.90E+05	4.14E+06	RESIDENT	1.55E-03	8.22E-06	1.79E-03	3.89E-06	5.38E-07	2.84E-09	1.87E-06	4.06E-09
6896184144241	6.90E+05	4.14E+06	RESIDENT	1.57E-03	8.30E-06	1.81E-03	3.93E-06	5.43E-07	2.87E-09	1.89E-06	4.10E-09
6896234144241	6.90E+05	4.14E+06	RESIDENT	1.58E-03	8.38E-06	1.82E-03	3.97E-06	5.47E-07	2.90E-09	1.90E-06	4.15E-09
6896284144241	6.90E+05	4.14E+06	RESIDENT	1.60E-03	8.47E-06	1.84E-03	4.01E-06	5.52E-07	2.93E-09	1.92E-06	4.19E-09
6896334144241	6.90E+05	4.14E+06	RESIDENT	1.61E-03	8.56E-06	1.85E-03	4.05E-06	5.57E-07	2.96E-09	1.94E-06	4.23E-09
6896384144241	6.90E+05	4.14E+06	RESIDENT	1.62E-03	8.65E-06	1.87E-03	4.09E-06	5.62E-07	2.99E-09	1.95E-06	4.28E-09
6896434144241	6.90E+05	4.14E+06	RESIDENT	1.64E-03	8.74E-06	1.89E-03	4.13E-06	5.67E-07	3.03E-09	1.97E-06	4.32E-09
6896484144241	6.90E+05	4.14E+06	RESIDENT	1.65E-03	8.83E-06	1.90E-03	4.18E-06	5.73E-07	3.06E-09	1.99E-06	4.37E-09
6894484144246	6.89E+05	4.14E+06	RESIDENT	1.25E-03	6.06E-06	1.44E-03	2.87E-06	4.33E-07	2.10E-09	1.51E-06	3.00E-09
6894534144246	6.89E+05	4.14E+06	RESIDENT	1.26E-03	6.12E-06	1.45E-03	2.89E-06	4.36E-07	2.12E-09	1.52E-06	3.02E-09
6894584144246	6.89E+05	4.14E+06	RESIDENT	1.27E-03	6.17E-06	1.46E-03	2.92E-06	4.39E-07	2.14E-09	1.53E-06	3.05E-09
6894634144246	6.89E+05	4.14E+06	RESIDENT	1.28E-03	6.22E-06	1.47E-03	2.94E-06	4.42E-07	2.15E-09	1.54E-06	3.08E-09
6894684144246	6.89E+05	4.14E+06	RESIDENT	1.29E-03	6.28E-06	1.48E-03	2.97E-06	4.45E-07	2.17E-09	1.55E-06	3.10E-09
6894734144246	6.89E+05	4.14E+06	RESIDENT	1.30E-03	6.33E-06	1.49E-03	3.00E-06	4.48E-07	2.19E-09	1.56E-06	3.13E-09
6894784144246	6.89E+05	4.14E+06	RESIDENT	1.30E-03	6.39E-06	1.50E-03	3.02E-06	4.51E-07	2.21E-09	1.57E-06	3.16E-09
6894834144246	6.89E+05	4.14E+06	RESIDENT	1.31E-03	6.45E-06	1.51E-03	3.05E-06	4.55E-07	2.23E-09	1.58E-06	3.19E-09
6894884144246	6.89E+05	4.14E+06	RESIDENT	1.32E-03	6.50E-06	1.52E-03	3.08E-06	4.58E-07	2.25E-09	1.59E-06	3.22E-09
6894934144246	6.89E+05	4.14E+06	RESIDENT	1.33E-03	6.56E-06	1.53E-03	3.10E-06	4.61E-07	2.27E-09	1.60E-06	3.24E-09
6894984144246	6.89E+05	4.14E+06	RESIDENT	1.34E-03	6.62E-06	1.54E-03	3.13E-06	4.64E-07	2.29E-09	1.61E-06	3.27E-09
6895034144246	6.90E+05	4.14E+06	RESIDENT	1.35E-03	6.68E-06	1.56E-03	3.16E-06	4.68E-07	2.31E-09	1.63E-06	3.30E-09
6895084144246	6.90E+05	4.14E+06	RESIDENT	1.36E-03	6.74E-06	1.57E-03	3.19E-06	4.71E-07	2.33E-09	1.64E-06	3.33E-09
6895134144246	6.90E+05	4.14E+06	RESIDENT	1.37E-03	6.80E-06	1.58E-03	3.22E-06	4.75E-07	2.36E-09	1.65E-06	3.36E-09
6895184144246	6.90E+05	4.14E+06	RESIDENT	1.38E-03	6.87E-06	1.59E-03	3.25E-06	4.78E-07	2.38E-09	1.66E-06	3.39E-09
6895234144246	6.90E+05	4.14E+06	RESIDENT	1.39E-03	6.93E-06	1.60E-03	3.28E-06	4.82E-07	2.40E-09	1.67E-06	3.43E-09
6895284144246	6.90E+05	4.14E+06	RESIDENT	1.40E-03	6.99E-06	1.61E-03	3.31E-06	4.85E-07	2.42E-09	1.69E-06	3.46E-09
6895334144246	6.90E+05	4.14E+06	RESIDENT	1.41E-03	7.06E-06	1.63E-03	3.34E-06	4.89E-07	2.44E-09	1.70E-06	3.49E-09
6895384144246	6.90E+05	4.14E+06	RESIDENT	1.42E-03	7.12E-06	1.64E-03	3.37E-06	4.93E-07	2.47E-09	1.71E-06	3.52E-09
6895434144246	6.90E+05	4.14E+06	RESIDENT	1.43E-03	7.19E-06	1.65E-03	3.40E-06	4.96E-07	2.49E-09	1.73E-06	3.56E-09
6895484144246	6.90E+05	4.14E+06	RESIDENT	1.44E-03	7.26E-06	1.66E-03	3.43E-06	5.00E-07	2.51E-09	1.74E-06	3.59E-09
6895534144246	6.90E+05	4.14E+06	RESIDENT	1.46E-03	7.33E-06	1.68E-03	3.47E-06	5.04E-07	2.54E-09	1.75E-06	3.62E-09
6895584144246	6.90E+05	4.14E+06	RESIDENT	1.47E-03	7.40E-06	1.69E-03	3.50E-06	5.08E-07	2.56E-09	1.77E-06	3.66E-09
6895634144246	6.90E+05	4.14E+06	RESIDENT	1.48E-03	7.47E-06	1.70E-03	3.53E-06	5.12E-07	2.59E-09	1.78E-06	3.69E-09
6895684144246	6.90E+05	4.14E+06	RESIDENT	1.49E-03	7.54E-06	1.72E-03	3.57E-06	5.16E-07	2.61E-09	1.79E-06	3.73E-09
6895734144246	6.90E+05	4.14E+06	RESIDENT	1.50E-03	7.61E-06	1.73E-03	3.60E-06	5.20E-07	2.64E-09	1.81E-06	3.76E-09
6895784144246	6.90E+05	4.14E+06	RESIDENT	1.51E-03	7.69E-06	1.74E-03	3.64E-06	5.24E-07	2.66E-09	1.82E-06	3.80E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895834144246	6.90E+05	4.14E+06	RESIDENT	1.53E-03	7.76E-06	1.76E-03	3.67E-06	5.28E-07	2.69E-09	1.84E-06	3.84E-09
6895884144246	6.90E+05	4.14E+06	RESIDENT	1.54E-03	7.84E-06	1.77E-03	3.71E-06	5.33E-07	2.71E-09	1.85E-06	3.88E-09
6895934144246	6.90E+05	4.14E+06	RESIDENT	1.55E-03	7.92E-06	1.79E-03	3.74E-06	5.37E-07	2.74E-09	1.87E-06	3.91E-09
6895984144246	6.90E+05	4.14E+06	RESIDENT	1.56E-03	8.00E-06	1.80E-03	3.78E-06	5.42E-07	2.77E-09	1.88E-06	3.95E-09
6896034144246	6.90E+05	4.14E+06	RESIDENT	1.58E-03	8.08E-06	1.82E-03	3.82E-06	5.46E-07	2.80E-09	1.90E-06	3.99E-09
6896084144246	6.90E+05	4.14E+06	RESIDENT	1.59E-03	8.16E-06	1.83E-03	3.86E-06	5.51E-07	2.82E-09	1.92E-06	4.03E-09
6896134144246	6.90E+05	4.14E+06	RESIDENT	1.61E-03	8.24E-06	1.85E-03	3.90E-06	5.56E-07	2.85E-09	1.93E-06	4.07E-09
6896184144246	6.90E+05	4.14E+06	RESIDENT	1.62E-03	8.32E-06	1.86E-03	3.94E-06	5.60E-07	2.88E-09	1.95E-06	4.11E-09
6896234144246	6.90E+05	4.14E+06	RESIDENT	1.63E-03	8.41E-06	1.88E-03	3.98E-06	5.65E-07	2.91E-09	1.97E-06	4.16E-09
6896284144246	6.90E+05	4.14E+06	RESIDENT	1.65E-03	8.49E-06	1.90E-03	4.02E-06	5.70E-07	2.94E-09	1.98E-06	4.20E-09
6896334144246	6.90E+05	4.14E+06	RESIDENT	1.66E-03	8.58E-06	1.91E-03	4.06E-06	5.76E-07	2.97E-09	2.00E-06	4.24E-09
6896384144246	6.90E+05	4.14E+06	RESIDENT	1.68E-03	8.67E-06	1.93E-03	4.10E-06	5.81E-07	3.00E-09	2.02E-06	4.29E-09
6896434144246	6.90E+05	4.14E+06	RESIDENT	1.69E-03	8.76E-06	1.95E-03	4.14E-06	5.86E-07	3.03E-09	2.04E-06	4.33E-09
6896484144246	6.90E+05	4.14E+06	RESIDENT	1.71E-03	8.85E-06	1.97E-03	4.19E-06	5.92E-07	3.07E-09	2.06E-06	4.38E-09
6894484144251	6.89E+05	4.14E+06	RESIDENT	1.28E-03	6.09E-06	1.48E-03	2.88E-06	4.44E-07	2.11E-09	1.54E-06	3.01E-09
6894534144251	689453	4144251	RESIDENT	1.29E-03	6.14E-06	1.49E-03	2.90E-06	4.47E-07	2.12E-09	1.56E-06	3.03E-09
6894584144251	689458	4144251	RESIDENT	1.30E-03	6.19E-06	1.50E-03	2.93E-06	4.51E-07	2.14E-09	1.57E-06	3.06E-09
6894634144251	689463	4144251	RESIDENT	1.31E-03	6.25E-06	1.51E-03	2.95E-06	4.54E-07	2.16E-09	1.58E-06	3.09E-09
6894684144251	6.89E+05	4.14E+06	RESIDENT	1.32E-03	6.30E-06	1.52E-03	2.98E-06	4.57E-07	2.18E-09	1.59E-06	3.11E-09
6894734144251	6.89E+05	4.14E+06	RESIDENT	1.33E-03	6.36E-06	1.53E-03	3.01E-06	4.60E-07	2.20E-09	1.60E-06	3.14E-09
6894784144251	6.89E+05	4.14E+06	RESIDENT	1.34E-03	6.41E-06	1.54E-03	3.03E-06	4.64E-07	2.22E-09	1.61E-06	3.17E-09
6894834144251	6.89E+05	4.14E+06	RESIDENT	1.35E-03	6.47E-06	1.55E-03	3.06E-06	4.67E-07	2.24E-09	1.62E-06	3.20E-09
6894884144251	6.89E+05	4.14E+06	RESIDENT	1.36E-03	6.53E-06	1.56E-03	3.09E-06	4.70E-07	2.26E-09	1.64E-06	3.23E-09
6894934144251	6.89E+05	4.14E+06	RESIDENT	1.37E-03	6.58E-06	1.58E-03	3.11E-06	4.74E-07	2.28E-09	1.65E-06	3.26E-09
6894984144251	6.89E+05	4.14E+06	RESIDENT	1.38E-03	6.64E-06	1.59E-03	3.14E-06	4.77E-07	2.30E-09	1.66E-06	3.28E-09
6895034144251	6.90E+05	4.14E+06	RESIDENT	1.39E-03	6.70E-06	1.60E-03	3.17E-06	4.81E-07	2.32E-09	1.67E-06	3.31E-09
6895084144251	6.90E+05	4.14E+06	RESIDENT	1.40E-03	6.76E-06	1.61E-03	3.20E-06	4.85E-07	2.34E-09	1.68E-06	3.34E-09
6895134144251	6.90E+05	4.14E+06	RESIDENT	1.41E-03	6.82E-06	1.62E-03	3.23E-06	4.88E-07	2.36E-09	1.70E-06	3.37E-09
6895184144251	6.90E+05	4.14E+06	RESIDENT	1.42E-03	6.89E-06	1.64E-03	3.26E-06	4.92E-07	2.38E-09	1.71E-06	3.41E-09
6895234144251	6.90E+05	4.14E+06	RESIDENT	1.43E-03	6.95E-06	1.65E-03	3.29E-06	4.96E-07	2.41E-09	1.72E-06	3.44E-09
6895284144251	6.90E+05	4.14E+06	RESIDENT	1.44E-03	7.02E-06	1.66E-03	3.32E-06	4.99E-07	2.43E-09	1.74E-06	3.47E-09
6895334144251	6.90E+05	4.14E+06	RESIDENT	1.45E-03	7.08E-06	1.67E-03	3.35E-06	5.03E-07	2.45E-09	1.75E-06	3.50E-09
6895384144251	6.90E+05	4.14E+06	RESIDENT	1.47E-03	7.15E-06	1.69E-03	3.38E-06	5.07E-07	2.47E-09	1.76E-06	3.53E-09
6895434144251	6.90E+05	4.14E+06	RESIDENT	1.48E-03	7.21E-06	1.70E-03	3.41E-06	5.11E-07	2.50E-09	1.78E-06	3.57E-09
6895484144251	6.90E+05	4.14E+06	RESIDENT	1.49E-03	7.28E-06	1.71E-03	3.44E-06	5.15E-07	2.52E-09	1.79E-06	3.60E-09
6895534144251	6.90E+05	4.14E+06	RESIDENT	1.50E-03	7.35E-06	1.73E-03	3.48E-06	5.19E-07	2.54E-09	1.81E-06	3.63E-09
6895584144251	6.90E+05	4.14E+06	RESIDENT	1.51E-03	7.42E-06	1.74E-03	3.51E-06	5.23E-07	2.57E-09	1.82E-06	3.67E-09
6895634144251	6.90E+05	4.14E+06	RESIDENT	1.52E-03	7.49E-06	1.76E-03	3.54E-06	5.28E-07	2.59E-09	1.83E-06	3.70E-09
6895684144251	6.90E+05	4.14E+06	RESIDENT	1.54E-03	7.56E-06	1.77E-03	3.58E-06	5.32E-07	2.62E-09	1.85E-06	3.74E-09
6895734144251	6.90E+05	4.14E+06	RESIDENT	1.55E-03	7.64E-06	1.78E-03	3.61E-06	5.36E-07	2.64E-09	1.86E-06	3.78E-09
6895784144251	6.90E+05	4.14E+06	RESIDENT	1.56E-03	7.71E-06	1.80E-03	3.65E-06	5.41E-07	2.67E-09	1.88E-06	3.81E-09
6895834144251	6.90E+05	4.14E+06	RESIDENT	1.57E-03	7.78E-06	1.81E-03	3.68E-06	5.45E-07	2.69E-09	1.90E-06	3.85E-09
6895884144251	6.90E+05	4.14E+06	RESIDENT	1.59E-03	7.86E-06	1.83E-03	3.72E-06	5.50E-07	2.72E-09	1.91E-06	3.89E-09
6895934144251	6.90E+05	4.14E+06	RESIDENT	1.60E-03	7.94E-06	1.84E-03	3.76E-06	5.54E-07	2.75E-09	1.93E-06	3.93E-09
6895984144251	6.90E+05	4.14E+06	RESIDENT	1.62E-03	8.02E-06	1.86E-03	3.79E-06	5.59E-07	2.78E-09	1.94E-06	3.96E-09
6896034144251	6.90E+05	4.14E+06	RESIDENT	1.63E-03	8.10E-06	1.88E-03	3.83E-06	5.64E-07	2.80E-09	1.96E-06	4.00E-09
6896084144251	6.90E+05	4.14E+06	RESIDENT	1.64E-03	8.18E-06	1.89E-03	3.87E-06	5.69E-07	2.83E-09	1.98E-06	4.04E-09
6896134144251	6.90E+05	4.14E+06	RESIDENT	1.66E-03	8.26E-06	1.91E-03	3.91E-06	5.74E-07	2.86E-09	2.00E-06	4.08E-09
6896184144251	6.90E+05	4.14E+06	RESIDENT	1.67E-03	8.35E-06	1.93E-03	3.95E-06	5.79E-07	2.89E-09	2.01E-06	4.13E-09
6896234144251	6.90E+05	4.14E+06	RESIDENT	1.69E-03	8.43E-06	1.94E-03	3.99E-06	5.84E-07	2.92E-09	2.03E-06	4.17E-09
6896284144251	6.90E+05	4.14E+06	RESIDENT	1.70E-03	8.52E-06	1.96E-03	4.03E-06	5.89E-07	2.95E-09	2.05E-06	4.21E-09
6896334144251	6.90E+05	4.14E+06	RESIDENT	1.72E-03	8.61E-06	1.98E-03	4.07E-06	5.95E-07	2.98E-09	2.07E-06	4.25E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896384144251	6.90E+05	4.14E+06	RESIDENT	1.73E-03	8.69E-06	2.00E-03	4.11E-06	6.00E-07	3.01E-09	2.09E-06	4.30E-09
6896434144251	6.90E+05	4.14E+06	RESIDENT	1.75E-03	8.79E-06	2.02E-03	4.16E-06	6.06E-07	3.04E-09	2.11E-06	4.34E-09
6896484144251	6.90E+05	4.14E+06	RESIDENT	1.77E-03	8.88E-06	2.04E-03	4.20E-06	6.12E-07	3.07E-09	2.13E-06	4.39E-09
6894534144256	6.89E+05	4.14E+06	RESIDENT	1.33E-03	6.16E-06	1.53E-03	2.91E-06	4.59E-07	2.13E-09	1.60E-06	3.04E-09
6894584144256	6.89E+05	4.14E+06	RESIDENT	1.34E-03	6.21E-06	1.54E-03	2.94E-06	4.62E-07	2.15E-09	1.61E-06	3.07E-09
6894634144256	6.89E+05	4.14E+06	RESIDENT	1.35E-03	6.27E-06	1.55E-03	2.96E-06	4.66E-07	2.17E-09	1.62E-06	3.10E-09
6894684144256	6.89E+05	4.14E+06	RESIDENT	1.36E-03	6.32E-06	1.56E-03	2.99E-06	4.69E-07	2.19E-09	1.63E-06	3.12E-09
6894734144256	6.89E+05	4.14E+06	RESIDENT	1.37E-03	6.38E-06	1.57E-03	3.02E-06	4.73E-07	2.21E-09	1.64E-06	3.15E-09
6894784144256	6.89E+05	4.14E+06	RESIDENT	1.38E-03	6.43E-06	1.58E-03	3.04E-06	4.76E-07	2.23E-09	1.66E-06	3.18E-09
6894834144256	6.89E+05	4.14E+06	RESIDENT	1.39E-03	6.49E-06	1.60E-03	3.07E-06	4.80E-07	2.25E-09	1.67E-06	3.21E-09
6894884144256	6.89E+05	4.14E+06	RESIDENT	1.40E-03	6.55E-06	1.61E-03	3.10E-06	4.83E-07	2.27E-09	1.68E-06	3.24E-09
6894934144256	6.89E+05	4.14E+06	RESIDENT	1.41E-03	6.60E-06	1.62E-03	3.12E-06	4.87E-07	2.29E-09	1.69E-06	3.27E-09
6894984144256	6.89E+05	4.14E+06	RESIDENT	1.42E-03	6.66E-06	1.63E-03	3.15E-06	4.91E-07	2.31E-09	1.71E-06	3.29E-09
6895034144256	6.90E+05	4.14E+06	RESIDENT	1.43E-03	6.72E-06	1.64E-03	3.18E-06	4.94E-07	2.33E-09	1.72E-06	3.32E-09
6895084144256	6.90E+05	4.14E+06	RESIDENT	1.44E-03	6.78E-06	1.66E-03	3.21E-06	4.98E-07	2.35E-09	1.73E-06	3.35E-09
6895134144256	6.90E+05	4.14E+06	RESIDENT	1.45E-03	6.85E-06	1.67E-03	3.24E-06	5.02E-07	2.37E-09	1.75E-06	3.38E-09
6895184144256	6.90E+05	4.14E+06	RESIDENT	1.46E-03	6.91E-06	1.68E-03	3.27E-06	5.06E-07	2.39E-09	1.76E-06	3.42E-09
6895234144256	6.90E+05	4.14E+06	RESIDENT	1.47E-03	6.97E-06	1.70E-03	3.30E-06	5.10E-07	2.41E-09	1.77E-06	3.45E-09
6895284144256	6.90E+05	4.14E+06	RESIDENT	1.48E-03	7.04E-06	1.71E-03	3.33E-06	5.14E-07	2.44E-09	1.79E-06	3.48E-09
6895334144256	6.90E+05	4.14E+06	RESIDENT	1.50E-03	7.10E-06	1.72E-03	3.36E-06	5.18E-07	2.46E-09	1.80E-06	3.51E-09
6895384144256	6.90E+05	4.14E+06	RESIDENT	1.51E-03	7.17E-06	1.74E-03	3.39E-06	5.22E-07	2.48E-09	1.82E-06	3.54E-09
6895434144256	6.90E+05	4.14E+06	RESIDENT	1.52E-03	7.23E-06	1.75E-03	3.42E-06	5.26E-07	2.50E-09	1.83E-06	3.58E-09
6895484144256	6.90E+05	4.14E+06	RESIDENT	1.53E-03	7.30E-06	1.77E-03	3.45E-06	5.31E-07	2.53E-09	1.85E-06	3.61E-09
6895534144256	6.90E+05	4.14E+06	RESIDENT	1.55E-03	7.37E-06	1.78E-03	3.49E-06	5.35E-07	2.55E-09	1.86E-06	3.64E-09
6895584144256	6.90E+05	4.14E+06	RESIDENT	1.56E-03	7.44E-06	1.79E-03	3.52E-06	5.39E-07	2.58E-09	1.88E-06	3.68E-09
6895634144256	6.90E+05	4.14E+06	RESIDENT	1.57E-03	7.51E-06	1.81E-03	3.55E-06	5.44E-07	2.60E-09	1.89E-06	3.71E-09
6895684144256	6.90E+05	4.14E+06	RESIDENT	1.58E-03	7.58E-06	1.82E-03	3.59E-06	5.48E-07	2.63E-09	1.91E-06	3.75E-09
6895734144256	6.90E+05	4.14E+06	RESIDENT	1.60E-03	7.66E-06	1.84E-03	3.62E-06	5.53E-07	2.65E-09	1.92E-06	3.79E-09
6895784144256	6.90E+05	4.14E+06	RESIDENT	1.61E-03	7.73E-06	1.86E-03	3.66E-06	5.58E-07	2.68E-09	1.94E-06	3.82E-09
6895834144256	6.90E+05	4.14E+06	RESIDENT	1.62E-03	7.81E-06	1.87E-03	3.69E-06	5.62E-07	2.70E-09	1.96E-06	3.86E-09
6895884144256	6.90E+05	4.14E+06	RESIDENT	1.64E-03	7.88E-06	1.89E-03	3.73E-06	5.67E-07	2.73E-09	1.97E-06	3.90E-09
6895934144256	6.90E+05	4.14E+06	RESIDENT	1.65E-03	7.96E-06	1.90E-03	3.77E-06	5.72E-07	2.76E-09	1.99E-06	3.94E-09
6895984144256	6.90E+05	4.14E+06	RESIDENT	1.67E-03	8.04E-06	1.92E-03	3.80E-06	5.77E-07	2.78E-09	2.01E-06	3.98E-09
6896034144256	6.90E+05	4.14E+06	RESIDENT	1.68E-03	8.12E-06	1.94E-03	3.84E-06	5.82E-07	2.81E-09	2.02E-06	4.01E-09
6896084144256	6.90E+05	4.14E+06	RESIDENT	1.70E-03	8.20E-06	1.95E-03	3.88E-06	5.87E-07	2.84E-09	2.04E-06	4.05E-09
6896134144256	6.90E+05	4.14E+06	RESIDENT	1.71E-03	8.28E-06	1.97E-03	3.92E-06	5.93E-07	2.87E-09	2.06E-06	4.10E-09
6896184144256	6.90E+05	4.14E+06	RESIDENT	1.73E-03	8.37E-06	1.99E-03	3.96E-06	5.98E-07	2.90E-09	2.08E-06	4.14E-09
6896234144256	6.90E+05	4.14E+06	RESIDENT	1.74E-03	8.45E-06	2.01E-03	4.00E-06	6.04E-07	2.93E-09	2.10E-06	4.18E-09
6896284144256	6.90E+05	4.14E+06	RESIDENT	1.76E-03	8.54E-06	2.03E-03	4.04E-06	6.09E-07	2.96E-09	2.12E-06	4.22E-09
6896334144256	6.90E+05	4.14E+06	RESIDENT	1.78E-03	8.63E-06	2.05E-03	4.08E-06	6.15E-07	2.99E-09	2.14E-06	4.27E-09
6896384144256	6.90E+05	4.14E+06	RESIDENT	1.79E-03	8.72E-06	2.06E-03	4.12E-06	6.21E-07	3.02E-09	2.16E-06	4.31E-09
6896434144256	6.90E+05	4.14E+06	RESIDENT	1.81E-03	8.81E-06	2.08E-03	4.17E-06	6.27E-07	3.05E-09	2.18E-06	4.35E-09
6896484144256	6.90E+05	4.14E+06	RESIDENT	1.83E-03	8.90E-06	2.10E-03	4.21E-06	6.33E-07	3.08E-09	2.20E-06	4.40E-09
6894634144261	6.89E+05	4.14E+06	RESIDENT	1.38E-03	6.29E-06	1.59E-03	2.97E-06	4.78E-07	2.18E-09	1.66E-06	3.11E-09
6894684144261	6.89E+05	4.14E+06	RESIDENT	1.39E-03	6.34E-06	1.60E-03	3.00E-06	4.81E-07	2.20E-09	1.67E-06	3.14E-09
6894734144261	6.89E+05	4.14E+06	RESIDENT	1.40E-03	6.40E-06	1.61E-03	3.03E-06	4.85E-07	2.21E-09	1.69E-06	3.16E-09
6894784144261	6.89E+05	4.14E+06	RESIDENT	1.41E-03	6.45E-06	1.63E-03	3.05E-06	4.89E-07	2.23E-09	1.70E-06	3.19E-09
6894834144261	6.89E+05	4.14E+06	RESIDENT	1.42E-03	6.51E-06	1.64E-03	3.08E-06	4.93E-07	2.25E-09	1.71E-06	3.22E-09
6894884144261	6.89E+05	4.14E+06	RESIDENT	1.43E-03	6.57E-06	1.65E-03	3.11E-06	4.96E-07	2.27E-09	1.73E-06	3.25E-09
6894934144261	6.89E+05	4.14E+06	RESIDENT	1.45E-03	6.63E-06	1.66E-03	3.13E-06	5.00E-07	2.29E-09	1.74E-06	3.28E-09
6894984144261	6.89E+05	4.14E+06	RESIDENT	1.46E-03	6.68E-06	1.68E-03	3.16E-06	5.04E-07	2.31E-09	1.75E-06	3.30E-09
6895034144261	6.90E+05	4.14E+06	RESIDENT	1.47E-03	6.74E-06	1.69E-03	3.19E-06	5.08E-07	2.33E-09	1.77E-06	3.33E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895084144261	6.90E+05	4.14E+06	RESIDENT	1.48E-03	6.81E-06	1.70E-03	3.22E-06	5.12E-07	2.36E-09	1.78E-06	3.36E-09
6895134144261	6.90E+05	4.14E+06	RESIDENT	1.49E-03	6.87E-06	1.72E-03	3.25E-06	5.16E-07	2.38E-09	1.80E-06	3.40E-09
6895184144261	6.90E+05	4.14E+06	RESIDENT	1.50E-03	6.93E-06	1.73E-03	3.28E-06	5.20E-07	2.40E-09	1.81E-06	3.43E-09
6895234144261	6.90E+05	4.14E+06	RESIDENT	1.52E-03	6.99E-06	1.75E-03	3.31E-06	5.25E-07	2.42E-09	1.82E-06	3.46E-09
6895284144261	6.90E+05	4.14E+06	RESIDENT	1.53E-03	7.06E-06	1.76E-03	3.34E-06	5.29E-07	2.44E-09	1.84E-06	3.49E-09
6895334144261	6.90E+05	4.14E+06	RESIDENT	1.54E-03	7.12E-06	1.77E-03	3.37E-06	5.33E-07	2.47E-09	1.85E-06	3.52E-09
6895384144261	6.90E+05	4.14E+06	RESIDENT	1.55E-03	7.19E-06	1.79E-03	3.40E-06	5.38E-07	2.49E-09	1.87E-06	3.55E-09
6895434144261	6.90E+05	4.14E+06	RESIDENT	1.57E-03	7.26E-06	1.80E-03	3.43E-06	5.42E-07	2.51E-09	1.88E-06	3.59E-09
6895484144261	6.90E+05	4.14E+06	RESIDENT	1.58E-03	7.32E-06	1.82E-03	3.46E-06	5.47E-07	2.54E-09	1.90E-06	3.62E-09
6895534144261	6.90E+05	4.14E+06	RESIDENT	1.59E-03	7.39E-06	1.83E-03	3.50E-06	5.51E-07	2.56E-09	1.92E-06	3.66E-09
6895584144261	6.90E+05	4.14E+06	RESIDENT	1.61E-03	7.46E-06	1.85E-03	3.53E-06	5.56E-07	2.58E-09	1.93E-06	3.69E-09
6895634144261	6.90E+05	4.14E+06	RESIDENT	1.62E-03	7.53E-06	1.86E-03	3.56E-06	5.61E-07	2.61E-09	1.95E-06	3.72E-09
6895684144261	6.90E+05	4.14E+06	RESIDENT	1.63E-03	7.61E-06	1.88E-03	3.60E-06	5.65E-07	2.63E-09	1.97E-06	3.76E-09
6895734144261	6.90E+05	4.14E+06	RESIDENT	1.65E-03	7.68E-06	1.90E-03	3.63E-06	5.70E-07	2.66E-09	1.98E-06	3.80E-09
6895784144261	6.90E+05	4.14E+06	RESIDENT	1.66E-03	7.75E-06	1.91E-03	3.67E-06	5.75E-07	2.68E-09	2.00E-06	3.83E-09
6895834144261	6.90E+05	4.14E+06	RESIDENT	1.68E-03	7.83E-06	1.93E-03	3.70E-06	5.80E-07	2.71E-09	2.02E-06	3.87E-09
6895884144261	6.90E+05	4.14E+06	RESIDENT	1.69E-03	7.91E-06	1.95E-03	3.74E-06	5.85E-07	2.74E-09	2.04E-06	3.91E-09
6895934144261	6.90E+05	4.14E+06	RESIDENT	1.71E-03	7.98E-06	1.96E-03	3.78E-06	5.91E-07	2.76E-09	2.05E-06	3.95E-09
6895984144261	6.90E+05	4.14E+06	RESIDENT	1.72E-03	8.06E-06	1.98E-03	3.81E-06	5.96E-07	2.79E-09	2.07E-06	3.99E-09
6896034144261	6.90E+05	4.14E+06	RESIDENT	1.74E-03	8.14E-06	2.00E-03	3.85E-06	6.01E-07	2.82E-09	2.09E-06	4.03E-09
6896084144261	6.90E+05	4.14E+06	RESIDENT	1.75E-03	8.22E-06	2.02E-03	3.89E-06	6.07E-07	2.85E-09	2.11E-06	4.07E-09
6896134144261	6.90E+05	4.14E+06	RESIDENT	1.77E-03	8.31E-06	2.04E-03	3.93E-06	6.12E-07	2.88E-09	2.13E-06	4.11E-09
6896184144261	6.90E+05	4.14E+06	RESIDENT	1.79E-03	8.39E-06	2.06E-03	3.97E-06	6.18E-07	2.90E-09	2.15E-06	4.15E-09
6896234144261	6.90E+05	4.14E+06	RESIDENT	1.80E-03	8.48E-06	2.08E-03	4.01E-06	6.24E-07	2.93E-09	2.17E-06	4.19E-09
6896284144261	6.90E+05	4.14E+06	RESIDENT	1.82E-03	8.56E-06	2.09E-03	4.05E-06	6.30E-07	2.96E-09	2.19E-06	4.23E-09
6896334144261	6.90E+05	4.14E+06	RESIDENT	1.84E-03	8.65E-06	2.11E-03	4.09E-06	6.36E-07	2.99E-09	2.21E-06	4.28E-09
6896384144261	6.90E+05	4.14E+06	RESIDENT	1.85E-03	8.74E-06	2.14E-03	4.13E-06	6.42E-07	3.03E-09	2.23E-06	4.32E-09
6896434144261	6.90E+05	4.14E+06	RESIDENT	1.87E-03	8.83E-06	2.16E-03	4.18E-06	6.48E-07	3.06E-09	2.25E-06	4.37E-09
6896484144261	6.90E+05	4.14E+06	RESIDENT	1.89E-03	8.92E-06	2.18E-03	4.22E-06	6.55E-07	3.09E-09	2.28E-06	4.41E-09
6894684144266	6.89E+05	4.14E+06	RESIDENT	1.43E-03	6.36E-06	1.64E-03	3.01E-06	4.94E-07	2.20E-09	1.72E-06	3.14E-09
6894734144266	6.89E+05	4.14E+06	RESIDENT	1.44E-03	6.42E-06	1.66E-03	3.04E-06	4.98E-07	2.22E-09	1.73E-06	3.17E-09
6894784144266	6.89E+05	4.14E+06	RESIDENT	1.45E-03	6.47E-06	1.67E-03	3.06E-06	5.02E-07	2.24E-09	1.74E-06	3.20E-09
6894834144266	6.89E+05	4.14E+06	RESIDENT	1.46E-03	6.53E-06	1.68E-03	3.09E-06	5.06E-07	2.26E-09	1.76E-06	3.23E-09
6894884144266	6.89E+05	4.14E+06	RESIDENT	1.47E-03	6.59E-06	1.70E-03	3.12E-06	5.10E-07	2.28E-09	1.77E-06	3.26E-09
6894934144266	6.89E+05	4.14E+06	RESIDENT	1.48E-03	6.65E-06	1.71E-03	3.14E-06	5.14E-07	2.30E-09	1.79E-06	3.29E-09
6894984144266	6.89E+05	4.14E+06	RESIDENT	1.50E-03	6.70E-06	1.72E-03	3.17E-06	5.18E-07	2.32E-09	1.80E-06	3.31E-09
6895034144266	6.90E+05	4.14E+06	RESIDENT	1.51E-03	6.76E-06	1.74E-03	3.20E-06	5.22E-07	2.34E-09	1.82E-06	3.34E-09
6895084144266	6.90E+05	4.14E+06	RESIDENT	1.52E-03	6.83E-06	1.75E-03	3.23E-06	5.26E-07	2.36E-09	1.83E-06	3.37E-09
6895134144266	6.90E+05	4.14E+06	RESIDENT	1.53E-03	6.89E-06	1.77E-03	3.26E-06	5.31E-07	2.38E-09	1.85E-06	3.41E-09
6895184144266	6.90E+05	4.14E+06	RESIDENT	1.55E-03	6.95E-06	1.78E-03	3.29E-06	5.35E-07	2.41E-09	1.86E-06	3.44E-09
6895234144266	6.90E+05	4.14E+06	RESIDENT	1.56E-03	7.01E-06	1.79E-03	3.32E-06	5.40E-07	2.43E-09	1.88E-06	3.47E-09
6895284144266	6.90E+05	4.14E+06	RESIDENT	1.57E-03	7.08E-06	1.81E-03	3.35E-06	5.44E-07	2.45E-09	1.89E-06	3.50E-09
6895334144266	6.90E+05	4.14E+06	RESIDENT	1.58E-03	7.14E-06	1.83E-03	3.38E-06	5.49E-07	2.47E-09	1.91E-06	3.53E-09
6895384144266	6.90E+05	4.14E+06	RESIDENT	1.60E-03	7.21E-06	1.84E-03	3.41E-06	5.53E-07	2.50E-09	1.92E-06	3.56E-09
6895434144266	6.90E+05	4.14E+06	RESIDENT	1.61E-03	7.28E-06	1.86E-03	3.44E-06	5.58E-07	2.52E-09	1.94E-06	3.60E-09
6895484144266	6.90E+05	4.14E+06	RESIDENT	1.63E-03	7.34E-06	1.87E-03	3.47E-06	5.63E-07	2.54E-09	1.96E-06	3.63E-09
6895534144266	6.90E+05	4.14E+06	RESIDENT	1.64E-03	7.41E-06	1.89E-03	3.51E-06	5.68E-07	2.57E-09	1.97E-06	3.67E-09
6895584144266	6.90E+05	4.14E+06	RESIDENT	1.65E-03	7.48E-06	1.90E-03	3.54E-06	5.73E-07	2.59E-09	1.99E-06	3.70E-09
6895634144266	6.90E+05	4.14E+06	RESIDENT	1.67E-03	7.56E-06	1.92E-03	3.57E-06	5.78E-07	2.62E-09	2.01E-06	3.74E-09
6895684144266	6.90E+05	4.14E+06	RESIDENT	1.68E-03	7.63E-06	1.94E-03	3.61E-06	5.83E-07	2.64E-09	2.03E-06	3.77E-09
6895734144266	6.90E+05	4.14E+06	RESIDENT	1.70E-03	7.70E-06	1.96E-03	3.64E-06	5.88E-07	2.67E-09	2.04E-06	3.81E-09
6895784144266	6.90E+05	4.14E+06	RESIDENT	1.71E-03	7.77E-06	1.97E-03	3.68E-06	5.93E-07	2.69E-09	2.06E-06	3.84E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895834144266	6.90E+05	4.14E+06	RESIDENT	1.73E-03	7.85E-06	1.99E-03	3.71E-06	5.98E-07	2.72E-09	2.08E-06	3.88E-09
6895884144266	6.90E+05	4.14E+06	RESIDENT	1.74E-03	7.93E-06	2.01E-03	3.75E-06	6.04E-07	2.74E-09	2.10E-06	3.92E-09
6895934144266	6.90E+05	4.14E+06	RESIDENT	1.76E-03	8.00E-06	2.03E-03	3.79E-06	6.09E-07	2.77E-09	2.12E-06	3.96E-09
6895984144266	6.90E+05	4.14E+06	RESIDENT	1.78E-03	8.08E-06	2.05E-03	3.82E-06	6.15E-07	2.80E-09	2.14E-06	4.00E-09
6896034144266	6.90E+05	4.14E+06	RESIDENT	1.79E-03	8.16E-06	2.06E-03	3.86E-06	6.21E-07	2.83E-09	2.16E-06	4.04E-09
6896084144266	6.90E+05	4.14E+06	RESIDENT	1.81E-03	8.25E-06	2.08E-03	3.90E-06	6.27E-07	2.85E-09	2.18E-06	4.08E-09
6896134144266	6.90E+05	4.14E+06	RESIDENT	1.83E-03	8.33E-06	2.10E-03	3.94E-06	6.32E-07	2.88E-09	2.20E-06	4.12E-09
6896184144266	6.90E+05	4.14E+06	RESIDENT	1.84E-03	8.41E-06	2.12E-03	3.98E-06	6.39E-07	2.91E-09	2.22E-06	4.16E-09
6896234144266	6.90E+05	4.14E+06	RESIDENT	1.86E-03	8.50E-06	2.14E-03	4.02E-06	6.45E-07	2.94E-09	2.24E-06	4.20E-09
6896284144266	6.90E+05	4.14E+06	RESIDENT	1.88E-03	8.58E-06	2.17E-03	4.06E-06	6.51E-07	2.97E-09	2.26E-06	4.24E-09
6896334144266	6.90E+05	4.14E+06	RESIDENT	1.90E-03	8.67E-06	2.19E-03	4.10E-06	6.57E-07	3.00E-09	2.29E-06	4.29E-09
6896384144266	6.90E+05	4.14E+06	RESIDENT	1.92E-03	8.76E-06	2.21E-03	4.14E-06	6.64E-07	3.03E-09	2.31E-06	4.33E-09
6896434144266	6.90E+05	4.14E+06	RESIDENT	1.94E-03	8.85E-06	2.23E-03	4.19E-06	6.70E-07	3.06E-09	2.33E-06	4.38E-09
6896484144266	6.90E+05	4.14E+06	RESIDENT	1.96E-03	8.95E-06	2.25E-03	4.23E-06	6.77E-07	3.10E-09	2.35E-06	4.42E-09
6894834144271	6.89E+05	4.14E+06	RESIDENT	1.50E-03	6.55E-06	1.73E-03	3.10E-06	5.19E-07	2.27E-09	1.80E-06	3.24E-09
6894884144271	6.89E+05	4.14E+06	RESIDENT	1.51E-03	6.61E-06	1.74E-03	3.13E-06	5.23E-07	2.29E-09	1.82E-06	3.27E-09
6894934144271	6.89E+05	4.14E+06	RESIDENT	1.52E-03	6.67E-06	1.75E-03	3.15E-06	5.27E-07	2.31E-09	1.83E-06	3.30E-09
6894984144271	6.89E+05	4.14E+06	RESIDENT	1.54E-03	6.73E-06	1.77E-03	3.18E-06	5.32E-07	2.33E-09	1.85E-06	3.33E-09
6895034144271	6.90E+05	4.14E+06	RESIDENT	1.55E-03	6.79E-06	1.78E-03	3.21E-06	5.36E-07	2.35E-09	1.86E-06	3.35E-09
6895084144271	6.90E+05	4.14E+06	RESIDENT	1.56E-03	6.85E-06	1.80E-03	3.24E-06	5.41E-07	2.37E-09	1.88E-06	3.38E-09
6895134144271	6.90E+05	4.14E+06	RESIDENT	1.58E-03	6.91E-06	1.81E-03	3.27E-06	5.45E-07	2.39E-09	1.90E-06	3.42E-09
6895184144271	6.90E+05	4.14E+06	RESIDENT	1.59E-03	6.97E-06	1.83E-03	3.30E-06	5.50E-07	2.41E-09	1.91E-06	3.45E-09
6895234144271	6.90E+05	4.14E+06	RESIDENT	1.60E-03	7.03E-06	1.85E-03	3.33E-06	5.55E-07	2.43E-09	1.93E-06	3.48E-09
6895284144271	6.90E+05	4.14E+06	RESIDENT	1.62E-03	7.10E-06	1.86E-03	3.36E-06	5.60E-07	2.46E-09	1.95E-06	3.51E-09
6895334144271	6.90E+05	4.14E+06	RESIDENT	1.63E-03	7.16E-06	1.88E-03	3.39E-06	5.64E-07	2.48E-09	1.96E-06	3.54E-09
6895384144271	6.90E+05	4.14E+06	RESIDENT	1.64E-03	7.23E-06	1.89E-03	3.42E-06	5.69E-07	2.50E-09	1.98E-06	3.57E-09
6895434144271	6.90E+05	4.14E+06	RESIDENT	1.66E-03	7.30E-06	1.91E-03	3.45E-06	5.74E-07	2.53E-09	2.00E-06	3.61E-09
6895484144271	6.90E+05	4.14E+06	RESIDENT	1.67E-03	7.37E-06	1.93E-03	3.48E-06	5.79E-07	2.55E-09	2.01E-06	3.64E-09
6895534144271	6.90E+05	4.14E+06	RESIDENT	1.69E-03	7.43E-06	1.94E-03	3.52E-06	5.85E-07	2.57E-09	2.03E-06	3.68E-09
6895584144271	6.90E+05	4.14E+06	RESIDENT	1.70E-03	7.50E-06	1.96E-03	3.55E-06	5.90E-07	2.60E-09	2.05E-06	3.71E-09
6895634144271	6.90E+05	4.14E+06	RESIDENT	1.72E-03	7.58E-06	1.98E-03	3.58E-06	5.95E-07	2.62E-09	2.07E-06	3.75E-09
6895684144271	6.90E+05	4.14E+06	RESIDENT	1.73E-03	7.65E-06	2.00E-03	3.62E-06	6.00E-07	2.65E-09	2.09E-06	3.78E-09
6895734144271	6.90E+05	4.14E+06	RESIDENT	1.75E-03	7.72E-06	2.02E-03	3.65E-06	6.06E-07	2.67E-09	2.11E-06	3.82E-09
6895784144271	6.90E+05	4.14E+06	RESIDENT	1.77E-03	7.80E-06	2.03E-03	3.69E-06	6.11E-07	2.70E-09	2.13E-06	3.85E-09
6895834144271	6.90E+05	4.14E+06	RESIDENT	1.78E-03	7.87E-06	2.05E-03	3.72E-06	6.17E-07	2.72E-09	2.15E-06	3.89E-09
6895884144271	6.90E+05	4.14E+06	RESIDENT	1.80E-03	7.95E-06	2.07E-03	3.76E-06	6.23E-07	2.75E-09	2.17E-06	3.93E-09
6895934144271	6.90E+05	4.14E+06	RESIDENT	1.82E-03	8.03E-06	2.09E-03	3.80E-06	6.29E-07	2.78E-09	2.19E-06	3.97E-09
6895984144271	6.90E+05	4.14E+06	RESIDENT	1.83E-03	8.10E-06	2.11E-03	3.83E-06	6.35E-07	2.81E-09	2.21E-06	4.01E-09
6896034144271	6.90E+05	4.14E+06	RESIDENT	1.85E-03	8.19E-06	2.13E-03	3.87E-06	6.41E-07	2.83E-09	2.23E-06	4.05E-09
6896084144271	6.90E+05	4.14E+06	RESIDENT	1.87E-03	8.27E-06	2.15E-03	3.91E-06	6.47E-07	2.86E-09	2.25E-06	4.09E-09
6896134144271	6.90E+05	4.14E+06	RESIDENT	1.89E-03	8.35E-06	2.17E-03	3.95E-06	6.53E-07	2.89E-09	2.27E-06	4.13E-09
6896184144271	6.90E+05	4.14E+06	RESIDENT	1.91E-03	8.43E-06	2.19E-03	3.99E-06	6.60E-07	2.92E-09	2.29E-06	4.17E-09
6896234144271	6.90E+05	4.14E+06	RESIDENT	1.92E-03	8.52E-06	2.22E-03	4.03E-06	6.66E-07	2.95E-09	2.32E-06	4.21E-09
6896284144271	6.90E+05	4.14E+06	RESIDENT	1.94E-03	8.61E-06	2.24E-03	4.07E-06	6.73E-07	2.98E-09	2.34E-06	4.25E-09
6896334144271	6.90E+05	4.14E+06	RESIDENT	1.96E-03	8.69E-06	2.26E-03	4.11E-06	6.80E-07	3.01E-09	2.36E-06	4.30E-09
6896384144271	6.90E+05	4.14E+06	RESIDENT	1.98E-03	8.78E-06	2.28E-03	4.15E-06	6.87E-07	3.04E-09	2.39E-06	4.34E-09
6896434144271	6.90E+05	4.14E+06	RESIDENT	2.00E-03	8.87E-06	2.31E-03	4.20E-06	6.94E-07	3.07E-09	2.41E-06	4.39E-09
6896484144271	6.90E+05	4.14E+06	RESIDENT	2.02E-03	8.97E-06	2.33E-03	4.24E-06	7.01E-07	3.10E-09	2.44E-06	4.43E-09
6894984144276	6.89E+05	4.14E+06	RESIDENT	1.58E-03	6.74E-06	1.82E-03	3.19E-06	5.46E-07	2.33E-09	1.90E-06	3.33E-09
6895034144276	6.90E+05	4.14E+06	RESIDENT	1.59E-03	6.81E-06	1.83E-03	3.22E-06	5.51E-07	2.36E-09	1.91E-06	3.36E-09
6895084144276	6.90E+05	4.14E+06	RESIDENT	1.60E-03	6.87E-06	1.85E-03	3.25E-06	5.55E-07	2.38E-09	1.93E-06	3.39E-09
6895134144276	6.90E+05	4.14E+06	RESIDENT	1.62E-03	6.93E-06	1.86E-03	3.28E-06	5.60E-07	2.40E-09	1.95E-06	3.43E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895184144276	6.90E+05	4.14E+06	RESIDENT	1.63E-03	6.99E-06	1.88E-03	3.31E-06	5.65E-07	2.42E-09	1.96E-06	3.46E-09
6895234144276	6.90E+05	4.14E+06	RESIDENT	1.65E-03	7.05E-06	1.90E-03	3.34E-06	5.70E-07	2.44E-09	1.98E-06	3.49E-09
6895284144276	6.90E+05	4.14E+06	RESIDENT	1.66E-03	7.12E-06	1.91E-03	3.37E-06	5.75E-07	2.46E-09	2.00E-06	3.52E-09
6895334144276	6.90E+05	4.14E+06	RESIDENT	1.68E-03	7.18E-06	1.93E-03	3.40E-06	5.80E-07	2.49E-09	2.02E-06	3.55E-09
6895384144276	6.90E+05	4.14E+06	RESIDENT	1.69E-03	7.25E-06	1.95E-03	3.43E-06	5.86E-07	2.51E-09	2.04E-06	3.58E-09
6895434144276	6.90E+05	4.14E+06	RESIDENT	1.71E-03	7.32E-06	1.97E-03	3.46E-06	5.91E-07	2.53E-09	2.05E-06	3.62E-09
6895484144276	6.90E+05	4.14E+06	RESIDENT	1.72E-03	7.39E-06	1.98E-03	3.49E-06	5.96E-07	2.56E-09	2.07E-06	3.65E-09
6895534144276	6.90E+05	4.14E+06	RESIDENT	1.74E-03	7.45E-06	2.00E-03	3.53E-06	6.02E-07	2.58E-09	2.09E-06	3.69E-09
6895584144276	689558	4144276	RESIDENT	1.75E-03	7.53E-06	2.02E-03	3.56E-06	6.07E-07	2.60E-09	2.11E-06	3.72E-09
6895634144276	689563	4144276	RESIDENT	1.77E-03	7.60E-06	2.04E-03	3.59E-06	6.13E-07	2.63E-09	2.13E-06	3.76E-09
6895684144276	689568	4144276	RESIDENT	1.79E-03	7.67E-06	2.06E-03	3.63E-06	6.19E-07	2.65E-09	2.15E-06	3.79E-09
6895734144276	689573	4144276	RESIDENT	1.80E-03	7.74E-06	2.08E-03	3.66E-06	6.24E-07	2.68E-09	2.17E-06	3.83E-09
6895784144276	689578	4144276	RESIDENT	1.82E-03	7.82E-06	2.10E-03	3.70E-06	6.30E-07	2.71E-09	2.19E-06	3.86E-09
6895834144276	689583	4144276	RESIDENT	1.84E-03	7.89E-06	2.12E-03	3.73E-06	6.36E-07	2.73E-09	2.21E-06	3.90E-09
6895884144276	689588	4144276	RESIDENT	1.86E-03	7.97E-06	2.14E-03	3.77E-06	6.42E-07	2.76E-09	2.23E-06	3.94E-09
6895934144276	689593	4144276	RESIDENT	1.87E-03	8.05E-06	2.16E-03	3.81E-06	6.49E-07	2.79E-09	2.26E-06	3.98E-09
6895984144276	689598	4144276	RESIDENT	1.89E-03	8.13E-06	2.18E-03	3.84E-06	6.55E-07	2.81E-09	2.28E-06	4.02E-09
6896034144276	689603	4144276	RESIDENT	1.91E-03	8.21E-06	2.20E-03	3.88E-06	6.61E-07	2.84E-09	2.30E-06	4.06E-09
6896084144276	689608	4144276	RESIDENT	1.93E-03	8.29E-06	2.22E-03	3.92E-06	6.68E-07	2.87E-09	2.32E-06	4.10E-09
6896134144276	689613	4144276	RESIDENT	1.95E-03	8.37E-06	2.24E-03	3.96E-06	6.75E-07	2.90E-09	2.35E-06	4.14E-09
6896184144276	689618	4144276	RESIDENT	1.97E-03	8.45E-06	2.27E-03	4.00E-06	6.81E-07	2.93E-09	2.37E-06	4.18E-09
6896234144276	689623	4144276	RESIDENT	1.99E-03	8.54E-06	2.29E-03	4.04E-06	6.88E-07	2.96E-09	2.39E-06	4.22E-09
6896284144276	689628	4144276	RESIDENT	2.01E-03	8.63E-06	2.31E-03	4.08E-06	6.95E-07	2.99E-09	2.42E-06	4.27E-09
6896334144276	689633	4144276	RESIDENT	2.03E-03	8.72E-06	2.34E-03	4.12E-06	7.03E-07	3.02E-09	2.44E-06	4.31E-09
6896384144276	689638	4144276	RESIDENT	2.05E-03	8.80E-06	2.36E-03	4.17E-06	7.10E-07	3.05E-09	2.47E-06	4.35E-09
6896434144276	689643	4144276	RESIDENT	2.07E-03	8.90E-06	2.39E-03	4.21E-06	7.17E-07	3.08E-09	2.49E-06	4.40E-09
6896484144276	689648	4144276	RESIDENT	2.09E-03	8.99E-06	2.41E-03	4.25E-06	7.25E-07	3.11E-09	2.52E-06	4.44E-09
6895134144281	689513	4144281	RESIDENT	1.66E-03	6.95E-06	1.91E-03	3.29E-06	5.75E-07	2.40E-09	2.00E-06	3.43E-09
6895184144281	689518	4144281	RESIDENT	1.68E-03	7.01E-06	1.93E-03	3.32E-06	5.81E-07	2.43E-09	2.02E-06	3.47E-09
6895234144281	689523	4144281	RESIDENT	1.69E-03	7.07E-06	1.95E-03	3.35E-06	5.86E-07	2.45E-09	2.04E-06	3.50E-09
6895284144281	689528	4144281	RESIDENT	1.71E-03	7.14E-06	1.97E-03	3.38E-06	5.91E-07	2.47E-09	2.06E-06	3.53E-09
6895334144281	689533	4144281	RESIDENT	1.72E-03	7.20E-06	1.98E-03	3.41E-06	5.97E-07	2.49E-09	2.07E-06	3.56E-09
6895384144281	689538	4144281	RESIDENT	1.74E-03	7.27E-06	2.00E-03	3.44E-06	6.02E-07	2.52E-09	2.09E-06	3.59E-09
6895434144281	689543	4144281	RESIDENT	1.76E-03	7.34E-06	2.02E-03	3.47E-06	6.08E-07	2.54E-09	2.11E-06	3.63E-09
6895484144281	689548	4144281	RESIDENT	1.77E-03	7.41E-06	2.04E-03	3.50E-06	6.13E-07	2.56E-09	2.13E-06	3.66E-09
6895534144281	689553	4144281	RESIDENT	1.79E-03	7.48E-06	2.06E-03	3.54E-06	6.19E-07	2.59E-09	2.15E-06	3.70E-09
6895584144281	689558	4144281	RESIDENT	1.81E-03	7.55E-06	2.08E-03	3.57E-06	6.25E-07	2.61E-09	2.17E-06	3.73E-09
6895634144281	689563	4144281	RESIDENT	1.82E-03	7.62E-06	2.10E-03	3.60E-06	6.31E-07	2.64E-09	2.19E-06	3.77E-09
6895684144281	689568	4144281	RESIDENT	1.84E-03	7.69E-06	2.12E-03	3.64E-06	6.37E-07	2.66E-09	2.21E-06	3.80E-09
6895734144281	689573	4144281	RESIDENT	1.86E-03	7.76E-06	2.14E-03	3.67E-06	6.43E-07	2.69E-09	2.24E-06	3.84E-09
6895784144281	689578	4144281	RESIDENT	1.88E-03	7.84E-06	2.16E-03	3.71E-06	6.49E-07	2.71E-09	2.26E-06	3.87E-09
6895834144281	689583	4144281	RESIDENT	1.89E-03	7.91E-06	2.18E-03	3.74E-06	6.56E-07	2.74E-09	2.28E-06	3.91E-09
6895884144281	689588	4144281	RESIDENT	1.91E-03	7.99E-06	2.20E-03	3.78E-06	6.62E-07	2.77E-09	2.30E-06	3.95E-09
6895934144281	689593	4144281	RESIDENT	1.93E-03	8.07E-06	2.23E-03	3.82E-06	6.69E-07	2.79E-09	2.33E-06	3.99E-09
6895984144281	689598	4144281	RESIDENT	1.95E-03	8.15E-06	2.25E-03	3.85E-06	6.76E-07	2.82E-09	2.35E-06	4.03E-09
6896034144281	689603	4144281	RESIDENT	1.97E-03	8.23E-06	2.27E-03	3.89E-06	6.83E-07	2.85E-09	2.37E-06	4.07E-09
6896084144281	689608	4144281	RESIDENT	1.99E-03	8.31E-06	2.29E-03	3.93E-06	6.89E-07	2.88E-09	2.40E-06	4.11E-09
6896134144281	689613	4144281	RESIDENT	2.01E-03	8.39E-06	2.32E-03	3.97E-06	6.97E-07	2.90E-09	2.42E-06	4.15E-09
6896184144281	689618	4144281	RESIDENT	2.03E-03	8.48E-06	2.34E-03	4.01E-06	7.04E-07	2.93E-09	2.45E-06	4.19E-09
6896234144281	689623	4144281	RESIDENT	2.05E-03	8.56E-06	2.37E-03	4.05E-06	7.11E-07	2.96E-09	2.47E-06	4.23E-09
6896284144281	689628	4144281	RESIDENT	2.08E-03	8.65E-06	2.39E-03	4.09E-06	7.19E-07	2.99E-09	2.50E-06	4.28E-09
6896334144281	689633	4144281	RESIDENT	2.10E-03	8.74E-06	2.42E-03	4.13E-06	7.26E-07	3.02E-09	2.53E-06	4.32E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896384144281	689638	4144281	RESIDENT	2.12E-03	8.83E-06	2.44E-03	4.17E-06	7.34E-07	3.06E-09	2.55E-06	4.36E-09
6896434144281	689643	4144281	RESIDENT	2.14E-03	8.92E-06	2.47E-03	4.22E-06	7.42E-07	3.09E-09	2.58E-06	4.41E-09
6896484144281	689648	4144281	RESIDENT	2.17E-03	9.01E-06	2.50E-03	4.26E-06	7.50E-07	3.12E-09	2.61E-06	4.45E-09
6895334144286	689533	4144286	RESIDENT	1.77E-03	7.22E-06	2.04E-03	3.42E-06	6.13E-07	2.50E-09	2.13E-06	3.57E-09
6895384144286	689538	4144286	RESIDENT	1.79E-03	7.29E-06	2.06E-03	3.45E-06	6.19E-07	2.52E-09	2.15E-06	3.60E-09
6895434144286	689543	4144286	RESIDENT	1.80E-03	7.36E-06	2.08E-03	3.48E-06	6.25E-07	2.55E-09	2.17E-06	3.64E-09
6895484144286	689548	4144286	RESIDENT	1.82E-03	7.43E-06	2.10E-03	3.51E-06	6.31E-07	2.57E-09	2.19E-06	3.67E-09
6895534144286	689553	4144286	RESIDENT	1.84E-03	7.49E-06	2.12E-03	3.55E-06	6.37E-07	2.59E-09	2.21E-06	3.71E-09
6895584144286	689558	4144286	RESIDENT	1.86E-03	7.57E-06	2.14E-03	3.58E-06	6.43E-07	2.62E-09	2.24E-06	3.74E-09
6895634144286	689563	4144286	RESIDENT	1.88E-03	7.64E-06	2.16E-03	3.61E-06	6.49E-07	2.64E-09	2.26E-06	3.78E-09
6895684144286	689568	4144286	RESIDENT	1.89E-03	7.71E-06	2.18E-03	3.65E-06	6.56E-07	2.67E-09	2.28E-06	3.81E-09
6895734144286	689573	4144286	RESIDENT	1.91E-03	7.78E-06	2.20E-03	3.68E-06	6.62E-07	2.69E-09	2.30E-06	3.85E-09
6895784144286	689578	4144286	RESIDENT	1.93E-03	7.86E-06	2.23E-03	3.72E-06	6.69E-07	2.72E-09	2.33E-06	3.88E-09
6895834144286	689583	4144286	RESIDENT	1.95E-03	7.93E-06	2.25E-03	3.75E-06	6.76E-07	2.75E-09	2.35E-06	3.92E-09
6895884144286	689588	4144286	RESIDENT	1.97E-03	8.01E-06	2.27E-03	3.79E-06	6.83E-07	2.77E-09	2.37E-06	3.96E-09
6895934144286	689593	4144286	RESIDENT	1.99E-03	8.09E-06	2.29E-03	3.83E-06	6.90E-07	2.80E-09	2.40E-06	4.00E-09
6895984144286	689598	4144286	RESIDENT	2.01E-03	8.17E-06	2.32E-03	3.86E-06	6.97E-07	2.83E-09	2.42E-06	4.04E-09
6896034144286	689603	4144286	RESIDENT	2.03E-03	8.25E-06	2.34E-03	3.90E-06	7.04E-07	2.85E-09	2.45E-06	4.08E-09
6896084144286	689608	4144286	RESIDENT	2.06E-03	8.33E-06	2.37E-03	3.94E-06	7.11E-07	2.88E-09	2.47E-06	4.12E-09
6896134144286	689613	4144286	RESIDENT	2.08E-03	8.41E-06	2.39E-03	3.98E-06	7.19E-07	2.91E-09	2.50E-06	4.16E-09
6896184144286	689618	4144286	RESIDENT	2.10E-03	8.50E-06	2.42E-03	4.02E-06	7.27E-07	2.94E-09	2.53E-06	4.20E-09
6896234144286	689623	4144286	RESIDENT	2.12E-03	8.58E-06	2.44E-03	4.06E-06	7.35E-07	2.97E-09	2.55E-06	4.24E-09
6896284144286	689628	4144286	RESIDENT	2.14E-03	8.67E-06	2.47E-03	4.10E-06	7.42E-07	3.00E-09	2.58E-06	4.29E-09
6896334144286	689633	4144286	RESIDENT	2.17E-03	8.76E-06	2.50E-03	4.14E-06	7.51E-07	3.03E-09	2.61E-06	4.33E-09
6896384144286	689638	4144286	RESIDENT	2.19E-03	8.85E-06	2.52E-03	4.18E-06	7.59E-07	3.06E-09	2.64E-06	4.37E-09
6896434144286	689643	4144286	RESIDENT	2.22E-03	8.94E-06	2.55E-03	4.23E-06	7.67E-07	3.09E-09	2.67E-06	4.42E-09
6896484144286	689648	4144286	RESIDENT	2.24E-03	9.03E-06	2.58E-03	4.27E-06	7.76E-07	3.13E-09	2.70E-06	4.46E-09
6895484144291	689548	4144291	RESIDENT	1.87E-03	7.45E-06	2.16E-03	3.52E-06	6.48E-07	2.58E-09	2.25E-06	3.68E-09
6895534144291	689553	4144291	RESIDENT	1.89E-03	7.51E-06	2.18E-03	3.55E-06	6.55E-07	2.60E-09	2.28E-06	3.72E-09
6895584144291	689558	4144291	RESIDENT	1.91E-03	7.58E-06	2.20E-03	3.59E-06	6.61E-07	2.63E-09	2.30E-06	3.75E-09
6895634144291	689563	4144291	RESIDENT	1.93E-03	7.66E-06	2.22E-03	3.62E-06	6.68E-07	2.65E-09	2.32E-06	3.79E-09
6895684144291	689568	4144291	RESIDENT	1.95E-03	7.73E-06	2.25E-03	3.66E-06	6.75E-07	2.68E-09	2.35E-06	3.82E-09
6895734144291	689573	4144291	RESIDENT	1.97E-03	7.80E-06	2.27E-03	3.69E-06	6.82E-07	2.70E-09	2.37E-06	3.86E-09
6895784144291	689578	4144291	RESIDENT	1.99E-03	7.88E-06	2.29E-03	3.73E-06	6.89E-07	2.73E-09	2.40E-06	3.89E-09
6895834144291	689583	4144291	RESIDENT	2.01E-03	7.95E-06	2.32E-03	3.76E-06	6.96E-07	2.75E-09	2.42E-06	3.93E-09
6895884144291	689588	4144291	RESIDENT	2.03E-03	8.03E-06	2.34E-03	3.80E-06	7.03E-07	2.78E-09	2.45E-06	3.97E-09
6895934144291	689593	4144291	RESIDENT	2.05E-03	8.11E-06	2.36E-03	3.84E-06	7.11E-07	2.81E-09	2.47E-06	4.01E-09
6895984144291	689598	4144291	RESIDENT	2.08E-03	8.19E-06	2.39E-03	3.87E-06	7.18E-07	2.83E-09	2.50E-06	4.05E-09
6896034144291	689603	4144291	RESIDENT	2.10E-03	8.27E-06	2.42E-03	3.91E-06	7.26E-07	2.86E-09	2.52E-06	4.09E-09
6896084144291	689608	4144291	RESIDENT	2.12E-03	8.35E-06	2.44E-03	3.95E-06	7.34E-07	2.89E-09	2.55E-06	4.13E-09
6896134144291	689613	4144291	RESIDENT	2.14E-03	8.43E-06	2.47E-03	3.99E-06	7.42E-07	2.92E-09	2.58E-06	4.17E-09
6896184144291	689618	4144291	RESIDENT	2.17E-03	8.52E-06	2.50E-03	4.03E-06	7.50E-07	2.95E-09	2.61E-06	4.21E-09
6896234144291	689623	4144291	RESIDENT	2.19E-03	8.60E-06	2.52E-03	4.07E-06	7.58E-07	2.98E-09	2.64E-06	4.25E-09
6896284144291	689628	4144291	RESIDENT	2.22E-03	8.69E-06	2.55E-03	4.11E-06	7.67E-07	3.01E-09	2.67E-06	4.30E-09
6896334144291	689633	4144291	RESIDENT	2.24E-03	8.78E-06	2.58E-03	4.15E-06	7.75E-07	3.04E-09	2.70E-06	4.34E-09
6896384144291	689638	4144291	RESIDENT	2.27E-03	8.87E-06	2.61E-03	4.19E-06	7.84E-07	3.07E-09	2.73E-06	4.38E-09
6896434144291	689643	4144291	RESIDENT	2.29E-03	8.96E-06	2.64E-03	4.24E-06	7.93E-07	3.10E-09	2.76E-06	4.43E-09
6896484144291	689648	4144291	RESIDENT	2.32E-03	9.05E-06	2.67E-03	4.28E-06	8.02E-07	3.13E-09	2.79E-06	4.47E-09
6895684144296	689568	4144296	RESIDENT	2.01E-03	7.75E-06	2.31E-03	3.67E-06	6.94E-07	2.68E-09	2.41E-06	3.83E-09
6895734144296	689573	4144296	RESIDENT	2.03E-03	7.82E-06	2.33E-03	3.70E-06	7.02E-07	2.71E-09	2.44E-06	3.87E-09
6895784144296	689578	4144296	RESIDENT	2.05E-03	7.90E-06	2.36E-03	3.74E-06	7.09E-07	2.73E-09	2.47E-06	3.90E-09
6895834144296	689583	4144296	RESIDENT	2.07E-03	7.97E-06	2.38E-03	3.77E-06	7.17E-07	2.76E-09	2.49E-06	3.94E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6895884144296	689588	4144296	RESIDENT	2.09E-03	8.05E-06	2.41E-03	3.81E-06	7.24E-07	2.79E-09	2.52E-06	3.98E-09
6895934144296	689593	4144296	RESIDENT	2.12E-03	8.13E-06	2.44E-03	3.84E-06	7.32E-07	2.81E-09	2.55E-06	4.02E-09
6895984144296	689598	4144296	RESIDENT	2.14E-03	8.21E-06	2.46E-03	3.88E-06	7.40E-07	2.84E-09	2.57E-06	4.06E-09
6896034144296	689603	4144296	RESIDENT	2.16E-03	8.29E-06	2.49E-03	3.92E-06	7.48E-07	2.87E-09	2.60E-06	4.10E-09
6896084144296	689608	4144296	RESIDENT	2.19E-03	8.37E-06	2.52E-03	3.96E-06	7.57E-07	2.90E-09	2.63E-06	4.14E-09
6896134144296	689613	4144296	RESIDENT	2.21E-03	8.45E-06	2.55E-03	4.00E-06	7.65E-07	2.93E-09	2.66E-06	4.18E-09
6896184144296	689618	4144296	RESIDENT	2.24E-03	8.54E-06	2.57E-03	4.04E-06	7.74E-07	2.95E-09	2.69E-06	4.22E-09
6896234144296	689623	4144296	RESIDENT	2.26E-03	8.62E-06	2.60E-03	4.08E-06	7.83E-07	2.98E-09	2.72E-06	4.26E-09
6896284144296	689628	4144296	RESIDENT	2.29E-03	8.71E-06	2.63E-03	4.12E-06	7.92E-07	3.01E-09	2.75E-06	4.31E-09
6896334144296	689633	4144296	RESIDENT	2.31E-03	8.80E-06	2.66E-03	4.16E-06	8.01E-07	3.05E-09	2.78E-06	4.35E-09
6896384144296	689638	4144296	RESIDENT	2.34E-03	8.89E-06	2.70E-03	4.20E-06	8.10E-07	3.08E-09	2.82E-06	4.39E-09
6896434144296	689643	4144296	RESIDENT	2.37E-03	8.98E-06	2.73E-03	4.25E-06	8.20E-07	3.11E-09	2.85E-06	4.44E-09
6896484144296	689648	4144296	RESIDENT	2.40E-03	9.07E-06	2.76E-03	4.29E-06	8.30E-07	3.14E-09	2.88E-06	4.48E-09
6895884144301	689588	4144301	RESIDENT	2.15E-03	8.07E-06	2.48E-03	3.82E-06	7.46E-07	2.79E-09	2.59E-06	3.99E-09
6895934144301	689593	4144301	RESIDENT	2.18E-03	8.15E-06	2.51E-03	3.85E-06	7.54E-07	2.82E-09	2.62E-06	4.03E-09
6895984144301	689598	4144301	RESIDENT	2.20E-03	8.23E-06	2.54E-03	3.89E-06	7.63E-07	2.85E-09	2.65E-06	4.07E-09
6896034144301	689603	4144301	RESIDENT	2.23E-03	8.31E-06	2.57E-03	3.93E-06	7.71E-07	2.88E-09	2.68E-06	4.11E-09
6896084144301	689608	4144301	RESIDENT	2.25E-03	8.39E-06	2.59E-03	3.97E-06	7.80E-07	2.90E-09	2.71E-06	4.15E-09
6896134144301	689613	4144301	RESIDENT	2.28E-03	8.47E-06	2.62E-03	4.01E-06	7.89E-07	2.93E-09	2.74E-06	4.19E-09
6896184144301	689618	4144301	RESIDENT	2.31E-03	8.56E-06	2.66E-03	4.05E-06	7.98E-07	2.96E-09	2.78E-06	4.23E-09
6896234144301	689623	4144301	RESIDENT	2.33E-03	8.64E-06	2.69E-03	4.09E-06	8.08E-07	2.99E-09	2.81E-06	4.27E-09
6896284144301	689628	4144301	RESIDENT	2.36E-03	8.73E-06	2.72E-03	4.13E-06	8.17E-07	3.02E-09	2.84E-06	4.32E-09
6896334144301	689633	4144301	RESIDENT	2.39E-03	8.82E-06	2.75E-03	4.17E-06	8.27E-07	3.05E-09	2.87E-06	4.36E-09
6896384144301	689638	4144301	RESIDENT	2.42E-03	8.91E-06	2.78E-03	4.21E-06	8.37E-07	3.08E-09	2.91E-06	4.40E-09
6896434144301	689643	4144301	RESIDENT	2.45E-03	9.00E-06	2.82E-03	4.26E-06	8.47E-07	3.11E-09	2.94E-06	4.45E-09
6896484144301	689648	4144301	RESIDENT	2.48E-03	9.09E-06	2.85E-03	4.30E-06	8.57E-07	3.15E-09	2.98E-06	4.49E-09
6896134144306	689613	4144306	RESIDENT	2.35E-03	8.49E-06	2.71E-03	4.02E-06	8.13E-07	2.94E-09	2.83E-06	4.20E-09
6896184144306	689618	4144306	RESIDENT	2.38E-03	8.58E-06	2.74E-03	4.06E-06	8.23E-07	2.97E-09	2.86E-06	4.24E-09
6896234144306	689623	4144306	RESIDENT	2.41E-03	8.66E-06	2.77E-03	4.10E-06	8.33E-07	3.00E-09	2.90E-06	4.28E-09
6896284144306	689628	4144306	RESIDENT	2.44E-03	8.75E-06	2.80E-03	4.14E-06	8.43E-07	3.03E-09	2.93E-06	4.32E-09
6896334144306	689633	4144306	RESIDENT	2.47E-03	8.84E-06	2.84E-03	4.18E-06	8.53E-07	3.06E-09	2.97E-06	4.37E-09
6896384144306	689638	4144306	RESIDENT	2.50E-03	8.93E-06	2.87E-03	4.22E-06	8.64E-07	3.09E-09	3.00E-06	4.41E-09
6896434144306	689643	4144306	RESIDENT	2.53E-03	9.02E-06	2.91E-03	4.27E-06	8.75E-07	3.12E-09	3.04E-06	4.46E-09
6896484144306	689648	4144306	RESIDENT	2.56E-03	9.11E-06	2.95E-03	4.31E-06	8.86E-07	3.15E-09	3.08E-06	4.50E-09
6896434144311	689643	4144311	RESIDENT	2.61E-03	9.04E-06	3.00E-03	4.27E-06	9.03E-07	3.13E-09	3.14E-06	4.47E-09
6896484144311	689648	4144311	RESIDENT	2.64E-03	9.13E-06	3.04E-03	4.32E-06	9.15E-07	3.16E-09	3.18E-06	4.51E-09
6896024144443	689602	4144443	RESIDENT	4.51E-03	8.72E-06	5.19E-03	4.13E-06	1.56E-06	3.02E-09	5.42E-06	4.31E-09
6896074144443	689607	4144443	RESIDENT	4.59E-03	8.81E-06	5.29E-03	4.17E-06	1.59E-06	3.05E-09	5.53E-06	4.35E-09
6896124144443	689612	4144443	RESIDENT	4.69E-03	8.89E-06	5.40E-03	4.20E-06	1.62E-06	3.08E-09	5.64E-06	4.39E-09
6896174144443	689617	4144443	RESIDENT	4.78E-03	8.97E-06	5.51E-03	4.24E-06	1.66E-06	3.11E-09	5.75E-06	4.44E-09
6896224144443	689622	4144443	RESIDENT	4.88E-03	9.06E-06	5.62E-03	4.28E-06	1.69E-06	3.14E-09	5.87E-06	4.48E-09
6896274144443	689627	4144443	RESIDENT	4.98E-03	9.14E-06	5.74E-03	4.33E-06	1.72E-06	3.17E-09	5.99E-06	4.52E-09
6896324144443	689632	4144443	RESIDENT	5.09E-03	9.23E-06	5.86E-03	4.37E-06	1.76E-06	3.20E-09	6.12E-06	4.56E-09
6896374144443	689637	4144443	RESIDENT	5.19E-03	9.32E-06	5.98E-03	4.41E-06	1.80E-06	3.23E-09	6.25E-06	4.61E-09
6896424144443	689642	4144443	RESIDENT	5.31E-03	9.41E-06	6.11E-03	4.45E-06	1.84E-06	3.26E-09	6.39E-06	4.65E-09
6896474144443	689647	4144443	RESIDENT	5.42E-03	9.50E-06	6.25E-03	4.50E-06	1.88E-06	3.29E-09	6.53E-06	4.70E-09
6896524144443	689652	4144443	RESIDENT	5.54E-03	9.60E-06	6.38E-03	4.54E-06	1.92E-06	3.32E-09	6.67E-06	4.75E-09
6896574144443	689657	4144443	RESIDENT	5.67E-03	9.69E-06	6.53E-03	4.59E-06	1.96E-06	3.36E-09	6.82E-06	4.79E-09
6896624144443	689662	4144443	RESIDENT	5.80E-03	9.79E-06	6.68E-03	4.63E-06	2.01E-06	3.39E-09	6.98E-06	4.84E-09
6896674144443	689667	4144443	RESIDENT	5.94E-03	9.89E-06	6.83E-03	4.68E-06	2.05E-06	3.42E-09	7.14E-06	4.89E-09
6896724144443	689672	4144443	RESIDENT	6.08E-03	9.99E-06	7.00E-03	4.73E-06	2.10E-06	3.46E-09	7.31E-06	4.94E-09
6896024144448	689602	4144448	RESIDENT	4.62E-03	8.74E-06	5.32E-03	4.13E-06	1.60E-06	3.02E-09	5.56E-06	4.32E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896074144448	689607	4144448	RESIDENT	4.71E-03	8.82E-06	5.42E-03	4.17E-06	1.63E-06	3.05E-09	5.67E-06	4.36E-09
6896124144448	689612	4144448	RESIDENT	4.81E-03	8.90E-06	5.53E-03	4.21E-06	1.66E-06	3.08E-09	5.78E-06	4.40E-09
6896174144448	689617	4144448	RESIDENT	4.90E-03	8.98E-06	5.65E-03	4.25E-06	1.70E-06	3.11E-09	5.90E-06	4.44E-09
6896224144448	689622	4144448	RESIDENT	5.01E-03	9.07E-06	5.77E-03	4.29E-06	1.73E-06	3.14E-09	6.03E-06	4.48E-09
6896274144448	689627	4144448	RESIDENT	5.11E-03	9.16E-06	5.89E-03	4.33E-06	1.77E-06	3.17E-09	6.15E-06	4.53E-09
6896324144448	689632	4144448	RESIDENT	5.22E-03	9.24E-06	6.01E-03	4.37E-06	1.81E-06	3.20E-09	6.29E-06	4.57E-09
6896374144448	689637	4144448	RESIDENT	5.34E-03	9.33E-06	6.14E-03	4.41E-06	1.85E-06	3.23E-09	6.42E-06	4.61E-09
6896424144448	689642	4144448	RESIDENT	5.45E-03	9.42E-06	6.28E-03	4.46E-06	1.89E-06	3.26E-09	6.56E-06	4.66E-09
6896474144448	689647	4144448	RESIDENT	5.58E-03	9.52E-06	6.42E-03	4.50E-06	1.93E-06	3.29E-09	6.71E-06	4.70E-09
6896524144448	689652	4144448	RESIDENT	5.70E-03	9.61E-06	6.57E-03	4.55E-06	1.97E-06	3.33E-09	6.86E-06	4.75E-09
6896574144448	689657	4144448	RESIDENT	5.83E-03	9.70E-06	6.72E-03	4.59E-06	2.02E-06	3.36E-09	7.02E-06	4.80E-09
6896624144448	689662	4144448	RESIDENT	5.97E-03	9.80E-06	6.87E-03	4.64E-06	2.07E-06	3.39E-09	7.18E-06	4.85E-09
6896674144448	689667	4144448	RESIDENT	6.11E-03	9.90E-06	7.04E-03	4.68E-06	2.12E-06	3.43E-09	7.35E-06	4.89E-09
6896724144448	689672	4144448	RESIDENT	6.26E-03	1.00E-05	7.21E-03	4.73E-06	2.17E-06	3.46E-09	7.53E-06	4.94E-09
6896024144453	689602	4144453	RESIDENT	4.73E-03	8.75E-06	5.45E-03	4.14E-06	1.64E-06	3.03E-09	5.70E-06	4.32E-09
6896074144453	689607	4144453	RESIDENT	4.83E-03	8.83E-06	5.56E-03	4.18E-06	1.67E-06	3.06E-09	5.81E-06	4.36E-09
6896124144453	689612	4144453	RESIDENT	4.93E-03	8.91E-06	5.68E-03	4.22E-06	1.71E-06	3.08E-09	5.93E-06	4.41E-09
6896174144453	689617	4144453	RESIDENT	5.03E-03	8.99E-06	5.80E-03	4.25E-06	1.74E-06	3.11E-09	6.06E-06	4.45E-09
6896224144453	689622	4144453	RESIDENT	5.14E-03	9.08E-06	5.92E-03	4.30E-06	1.78E-06	3.14E-09	6.19E-06	4.49E-09
6896274144453	689627	4144453	RESIDENT	5.25E-03	9.17E-06	6.05E-03	4.34E-06	1.82E-06	3.17E-09	6.32E-06	4.53E-09
6896324144453	689632	4144453	RESIDENT	5.36E-03	9.25E-06	6.18E-03	4.38E-06	1.86E-06	3.20E-09	6.46E-06	4.58E-09
6896374144453	689637	4144453	RESIDENT	5.48E-03	9.34E-06	6.31E-03	4.42E-06	1.90E-06	3.23E-09	6.60E-06	4.62E-09
6896424144453	689642	4144453	RESIDENT	5.61E-03	9.43E-06	6.46E-03	4.46E-06	1.94E-06	3.27E-09	6.75E-06	4.66E-09
6896474144453	689647	4144453	RESIDENT	5.73E-03	9.53E-06	6.60E-03	4.51E-06	1.98E-06	3.30E-09	6.90E-06	4.71E-09
6896524144453	689652	4144453	RESIDENT	5.87E-03	9.62E-06	6.75E-03	4.55E-06	2.03E-06	3.33E-09	7.06E-06	4.76E-09
6896574144453	689657	4144453	RESIDENT	6.00E-03	9.72E-06	6.91E-03	4.60E-06	2.08E-06	3.36E-09	7.22E-06	4.80E-09
6896624144453	689662	4144453	RESIDENT	6.15E-03	9.81E-06	7.08E-03	4.64E-06	2.13E-06	3.40E-09	7.40E-06	4.85E-09
6896674144453	689667	4144453	RESIDENT	6.29E-03	9.91E-06	7.25E-03	4.69E-06	2.18E-06	3.43E-09	7.57E-06	4.90E-09
6896724144453	689672	4144453	RESIDENT	6.45E-03	1.00E-05	7.42E-03	4.74E-06	2.23E-06	3.47E-09	7.76E-06	4.95E-09
6896024144458	689602	4144458	RESIDENT	4.85E-03	8.76E-06	5.59E-03	4.14E-06	1.68E-06	3.03E-09	5.84E-06	4.33E-09
6896074144458	689607	4144458	RESIDENT	4.96E-03	8.84E-06	5.71E-03	4.18E-06	1.72E-06	3.06E-09	5.96E-06	4.37E-09
6896124144458	689612	4144458	RESIDENT	5.06E-03	8.92E-06	5.83E-03	4.22E-06	1.75E-06	3.09E-09	6.09E-06	4.41E-09
6896174144458	689617	4144458	RESIDENT	5.17E-03	9.01E-06	5.95E-03	4.26E-06	1.79E-06	3.12E-09	6.22E-06	4.45E-09
6896224144458	689622	4144458	RESIDENT	5.28E-03	9.09E-06	6.08E-03	4.30E-06	1.83E-06	3.15E-09	6.35E-06	4.49E-09
6896274144458	689627	4144458	RESIDENT	5.39E-03	9.18E-06	6.21E-03	4.34E-06	1.87E-06	3.18E-09	6.49E-06	4.54E-09
6896324144458	689632	4144458	RESIDENT	5.51E-03	9.27E-06	6.35E-03	4.38E-06	1.91E-06	3.21E-09	6.63E-06	4.58E-09
6896374144458	689637	4144458	RESIDENT	5.64E-03	9.35E-06	6.49E-03	4.42E-06	1.95E-06	3.24E-09	6.78E-06	4.62E-09
6896424144458	689642	4144458	RESIDENT	5.76E-03	9.45E-06	6.64E-03	4.47E-06	2.00E-06	3.27E-09	6.94E-06	4.67E-09
6896474144458	689647	4144458	RESIDENT	5.90E-03	9.54E-06	6.79E-03	4.51E-06	2.04E-06	3.30E-09	7.10E-06	4.72E-09
6896524144458	689652	4144458	RESIDENT	6.04E-03	9.63E-06	6.95E-03	4.56E-06	2.09E-06	3.33E-09	7.27E-06	4.76E-09
6896574144458	689657	4144458	RESIDENT	6.18E-03	9.73E-06	7.12E-03	4.60E-06	2.14E-06	3.37E-09	7.44E-06	4.81E-09
6896624144458	689662	4144458	RESIDENT	6.33E-03	9.82E-06	7.29E-03	4.65E-06	2.19E-06	3.40E-09	7.62E-06	4.86E-09
6896674144458	689667	4144458	RESIDENT	6.48E-03	9.92E-06	7.47E-03	4.69E-06	2.24E-06	3.43E-09	7.80E-06	4.91E-09
6896724144458	689672	4144458	RESIDENT	6.65E-03	1.00E-05	7.65E-03	4.74E-06	2.30E-06	3.47E-09	8.00E-06	4.95E-09
6896024144463	689602	4144463	RESIDENT	4.98E-03	8.77E-06	5.74E-03	4.15E-06	1.72E-06	3.04E-09	5.99E-06	4.34E-09
6896074144463	689607	4144463	RESIDENT	5.09E-03	8.85E-06	5.86E-03	4.19E-06	1.76E-06	3.06E-09	6.12E-06	4.38E-09
6896124144463	689612	4144463	RESIDENT	5.19E-03	8.93E-06	5.98E-03	4.23E-06	1.80E-06	3.09E-09	6.25E-06	4.42E-09
6896174144463	689617	4144463	RESIDENT	5.31E-03	9.02E-06	6.11E-03	4.26E-06	1.84E-06	3.12E-09	6.39E-06	4.46E-09
6896224144463	689622	4144463	RESIDENT	5.42E-03	9.10E-06	6.24E-03	4.31E-06	1.88E-06	3.15E-09	6.53E-06	4.50E-09
6896274144463	689627	4144463	RESIDENT	5.54E-03	9.19E-06	6.38E-03	4.35E-06	1.92E-06	3.18E-09	6.67E-06	4.54E-09
6896324144463	689632	4144463	RESIDENT	5.67E-03	9.28E-06	6.53E-03	4.39E-06	1.96E-06	3.21E-09	6.82E-06	4.59E-09
6896374144463	689637	4144463	RESIDENT	5.80E-03	9.37E-06	6.67E-03	4.43E-06	2.01E-06	3.24E-09	6.98E-06	4.63E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896424144463	689642	4144463	RESIDENT	5.93E-03	9.46E-06	6.83E-03	4.47E-06	2.05E-06	3.27E-09	7.14E-06	4.68E-09
6896474144463	689647	4144463	RESIDENT	6.07E-03	9.55E-06	6.99E-03	4.52E-06	2.10E-06	3.31E-09	7.31E-06	4.72E-09
6896524144463	689652	4144463	RESIDENT	6.21E-03	9.64E-06	7.16E-03	4.56E-06	2.15E-06	3.34E-09	7.48E-06	4.77E-09
6896574144463	689657	4144463	RESIDENT	6.36E-03	9.74E-06	7.33E-03	4.61E-06	2.20E-06	3.37E-09	7.66E-06	4.81E-09
6896624144463	689662	4144463	RESIDENT	6.52E-03	9.83E-06	7.51E-03	4.65E-06	2.26E-06	3.40E-09	7.85E-06	4.86E-09
6896674144463	689667	4144463	RESIDENT	6.68E-03	9.93E-06	7.70E-03	4.70E-06	2.31E-06	3.44E-09	8.04E-06	4.91E-09
6896724144463	689672	4144463	RESIDENT	6.85E-03	1.00E-05	7.89E-03	4.75E-06	2.37E-06	3.47E-09	8.25E-06	4.96E-09
6896024144468	689602	4144468	RESIDENT	5.11E-03	8.78E-06	5.89E-03	4.15E-06	1.77E-06	3.04E-09	6.15E-06	4.34E-09
6896074144468	689607	4144468	RESIDENT	5.22E-03	8.86E-06	6.01E-03	4.19E-06	1.81E-06	3.07E-09	6.28E-06	4.38E-09
6896124144468	689612	4144468	RESIDENT	5.33E-03	8.94E-06	6.14E-03	4.23E-06	1.85E-06	3.10E-09	6.42E-06	4.42E-09
6896174144468	689617	4144468	RESIDENT	5.45E-03	9.03E-06	6.28E-03	4.27E-06	1.89E-06	3.12E-09	6.56E-06	4.46E-09
6896224144468	689622	4144468	RESIDENT	5.57E-03	9.11E-06	6.42E-03	4.31E-06	1.93E-06	3.15E-09	6.71E-06	4.51E-09
6896274144468	689627	4144468	RESIDENT	5.70E-03	9.20E-06	6.56E-03	4.35E-06	1.97E-06	3.18E-09	6.86E-06	4.55E-09
6896324144468	689632	4144468	RESIDENT	5.83E-03	9.29E-06	6.71E-03	4.39E-06	2.02E-06	3.21E-09	7.01E-06	4.59E-09
6896374144468	689637	4144468	RESIDENT	5.96E-03	9.38E-06	6.87E-03	4.43E-06	2.06E-06	3.25E-09	7.18E-06	4.64E-09
6896424144468	689642	4144468	RESIDENT	6.10E-03	9.47E-06	7.03E-03	4.48E-06	2.11E-06	3.28E-09	7.34E-06	4.68E-09
6896474144468	689647	4144468	RESIDENT	6.25E-03	9.56E-06	7.19E-03	4.52E-06	2.16E-06	3.31E-09	7.52E-06	4.73E-09
6896524144468	689652	4144468	RESIDENT	6.40E-03	9.65E-06	7.37E-03	4.57E-06	2.22E-06	3.34E-09	7.70E-06	4.77E-09
6896574144468	689657	4144468	RESIDENT	6.56E-03	9.75E-06	7.55E-03	4.61E-06	2.27E-06	3.37E-09	7.89E-06	4.82E-09
6896624144468	689662	4144468	RESIDENT	6.72E-03	9.84E-06	7.74E-03	4.66E-06	2.33E-06	3.41E-09	8.09E-06	4.87E-09
6896674144468	689667	4144468	RESIDENT	6.89E-03	9.94E-06	7.93E-03	4.70E-06	2.38E-06	3.44E-09	8.29E-06	4.92E-09
6896724144468	689672	4144468	RESIDENT	7.07E-03	1.00E-05	8.14E-03	4.75E-06	2.45E-06	3.48E-09	8.51E-06	4.97E-09
6896024144473	689602	4144473	RESIDENT	5.25E-03	8.79E-06	6.04E-03	4.16E-06	1.82E-06	3.04E-09	6.32E-06	4.35E-09
6896074144473	689607	4144473	RESIDENT	5.36E-03	8.87E-06	6.17E-03	4.20E-06	1.86E-06	3.07E-09	6.45E-06	4.39E-09
6896124144473	689612	4144473	RESIDENT	5.48E-03	8.95E-06	6.31E-03	4.24E-06	1.90E-06	3.10E-09	6.59E-06	4.43E-09
6896174144473	689617	4144473	RESIDENT	5.60E-03	9.04E-06	6.45E-03	4.27E-06	1.94E-06	3.13E-09	6.74E-06	4.47E-09
6896224144473	689622	4144473	RESIDENT	5.73E-03	9.12E-06	6.60E-03	4.32E-06	1.98E-06	3.16E-09	6.89E-06	4.51E-09
6896274144473	689627	4144473	RESIDENT	5.86E-03	9.21E-06	6.75E-03	4.36E-06	2.03E-06	3.19E-09	7.05E-06	4.55E-09
6896324144473	689632	4144473	RESIDENT	5.99E-03	9.30E-06	6.90E-03	4.40E-06	2.08E-06	3.22E-09	7.21E-06	4.60E-09
6896374144473	689637	4144473	RESIDENT	6.14E-03	9.39E-06	7.06E-03	4.44E-06	2.12E-06	3.25E-09	7.38E-06	4.64E-09
6896424144473	689642	4144473	RESIDENT	6.28E-03	9.48E-06	7.23E-03	4.48E-06	2.17E-06	3.28E-09	7.56E-06	4.69E-09
6896474144473	689647	4144473	RESIDENT	6.43E-03	9.57E-06	7.41E-03	4.53E-06	2.23E-06	3.31E-09	7.74E-06	4.73E-09
6896524144473	689652	4144473	RESIDENT	6.59E-03	9.66E-06	7.59E-03	4.57E-06	2.28E-06	3.34E-09	7.93E-06	4.78E-09
6896574144473	689657	4144473	RESIDENT	6.76E-03	9.76E-06	7.78E-03	4.62E-06	2.34E-06	3.38E-09	8.13E-06	4.82E-09
6896624144473	689662	4144473	RESIDENT	6.93E-03	9.85E-06	7.98E-03	4.66E-06	2.40E-06	3.41E-09	8.34E-06	4.87E-09
6896674144473	689667	4144473	RESIDENT	7.10E-03	9.95E-06	8.18E-03	4.71E-06	2.46E-06	3.45E-09	8.55E-06	4.92E-09
6896724144473	689672	4144473	RESIDENT	7.29E-03	1.01E-05	8.39E-03	4.75E-06	2.52E-06	3.48E-09	8.77E-06	4.97E-09
6896024144478	689602	4144478	RESIDENT	5.39E-03	8.80E-06	6.21E-03	4.16E-06	1.87E-06	3.05E-09	6.49E-06	4.35E-09
6896074144478	689607	4144478	RESIDENT	5.51E-03	8.88E-06	6.34E-03	4.20E-06	1.91E-06	3.07E-09	6.63E-06	4.39E-09
6896124144478	689612	4144478	RESIDENT	5.63E-03	8.96E-06	6.48E-03	4.24E-06	1.95E-06	3.10E-09	6.78E-06	4.43E-09
6896174144478	689617	4144478	RESIDENT	5.76E-03	9.05E-06	6.63E-03	4.28E-06	1.99E-06	3.13E-09	6.93E-06	4.47E-09
6896224144478	689622	4144478	RESIDENT	5.89E-03	9.13E-06	6.78E-03	4.32E-06	2.04E-06	3.16E-09	7.09E-06	4.52E-09
6896274144478	689627	4144478	RESIDENT	6.03E-03	9.22E-06	6.94E-03	4.36E-06	2.09E-06	3.19E-09	7.25E-06	4.56E-09
6896324144478	689632	4144478	RESIDENT	6.17E-03	9.31E-06	7.10E-03	4.40E-06	2.14E-06	3.22E-09	7.42E-06	4.60E-09
6896374144478	689637	4144478	RESIDENT	6.31E-03	9.40E-06	7.27E-03	4.44E-06	2.19E-06	3.25E-09	7.60E-06	4.65E-09
6896424144478	689642	4144478	RESIDENT	6.47E-03	9.49E-06	7.45E-03	4.49E-06	2.24E-06	3.28E-09	7.78E-06	4.69E-09
6896474144478	689647	4144478	RESIDENT	6.63E-03	9.58E-06	7.63E-03	4.53E-06	2.29E-06	3.32E-09	7.98E-06	4.74E-09
6896524144478	689652	4144478	RESIDENT	6.79E-03	9.67E-06	7.82E-03	4.57E-06	2.35E-06	3.35E-09	8.17E-06	4.78E-09
6896574144478	689657	4144478	RESIDENT	6.96E-03	9.77E-06	8.02E-03	4.62E-06	2.41E-06	3.38E-09	8.38E-06	4.83E-09
6896624144478	689662	4144478	RESIDENT	7.14E-03	9.86E-06	8.22E-03	4.67E-06	2.47E-06	3.41E-09	8.59E-06	4.88E-09
6896674144478	689667	4144478	RESIDENT	7.33E-03	9.96E-06	8.44E-03	4.71E-06	2.54E-06	3.45E-09	8.82E-06	4.93E-09
6896724144478	689672	4144478	RESIDENT	7.52E-03	1.01E-05	8.66E-03	4.76E-06	2.60E-06	3.48E-09	9.05E-06	4.97E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6896024144483	689602	4144483	RESIDENT	5.54E-03	8.81E-06	6.37E-03	4.17E-06	1.92E-06	3.05E-09	6.66E-06	4.36E-09
6896074144483	689607	4144483	RESIDENT	5.66E-03	8.89E-06	6.52E-03	4.21E-06	1.96E-06	3.08E-09	6.81E-06	4.40E-09
6896124144483	689612	4144483	RESIDENT	5.79E-03	8.97E-06	6.66E-03	4.24E-06	2.00E-06	3.11E-09	6.97E-06	4.44E-09
6896174144483	689617	4144483	RESIDENT	5.92E-03	9.06E-06	6.82E-03	4.28E-06	2.05E-06	3.14E-09	7.12E-06	4.48E-09
6896224144483	689622	4144483	RESIDENT	6.06E-03	9.14E-06	6.98E-03	4.32E-06	2.10E-06	3.16E-09	7.29E-06	4.52E-09
6896274144483	689627	4144483	RESIDENT	6.20E-03	9.23E-06	7.14E-03	4.37E-06	2.15E-06	3.19E-09	7.46E-06	4.56E-09
6896324144483	689632	4144483	RESIDENT	6.35E-03	9.32E-06	7.31E-03	4.41E-06	2.20E-06	3.22E-09	7.64E-06	4.61E-09
6896374144483	689637	4144483	RESIDENT	6.50E-03	9.41E-06	7.49E-03	4.45E-06	2.25E-06	3.26E-09	7.82E-06	4.65E-09
6896424144483	689642	4144483	RESIDENT	6.66E-03	9.50E-06	7.67E-03	4.49E-06	2.31E-06	3.29E-09	8.02E-06	4.69E-09
6896474144483	689647	4144483	RESIDENT	6.83E-03	9.59E-06	7.86E-03	4.54E-06	2.36E-06	3.32E-09	8.22E-06	4.74E-09
6896524144483	689652	4144483	RESIDENT	7.00E-03	9.68E-06	8.06E-03	4.58E-06	2.42E-06	3.35E-09	8.42E-06	4.79E-09
6896574144483	689657	4144483	RESIDENT	7.18E-03	9.78E-06	8.26E-03	4.62E-06	2.48E-06	3.38E-09	8.64E-06	4.83E-09
6896624144483	689662	4144483	RESIDENT	7.36E-03	9.87E-06	8.48E-03	4.67E-06	2.55E-06	3.42E-09	8.86E-06	4.88E-09
6896674144483	689667	4144483	RESIDENT	7.56E-03	9.97E-06	8.70E-03	4.72E-06	2.62E-06	3.45E-09	9.10E-06	4.93E-09
6896724144483	689672	4144483	RESIDENT	7.76E-03	1.01E-05	8.93E-03	4.76E-06	2.69E-06	3.49E-09	9.34E-06	4.98E-09
6896024144488	689602	4144488	RESIDENT	5.69E-03	8.82E-06	6.55E-03	4.17E-06	1.97E-06	3.05E-09	6.85E-06	4.36E-09
6896074144488	689607	4144488	RESIDENT	5.82E-03	8.90E-06	6.70E-03	4.21E-06	2.01E-06	3.08E-09	7.00E-06	4.40E-09
6896124144488	689612	4144488	RESIDENT	5.95E-03	8.98E-06	6.85E-03	4.25E-06	2.06E-06	3.11E-09	7.16E-06	4.44E-09
6896174144488	689617	4144488	RESIDENT	6.09E-03	9.07E-06	7.01E-03	4.29E-06	2.11E-06	3.14E-09	7.33E-06	4.48E-09
6896224144488	689622	4144488	RESIDENT	6.23E-03	9.15E-06	7.18E-03	4.33E-06	2.16E-06	3.17E-09	7.50E-06	4.52E-09
6896274144488	689627	4144488	RESIDENT	6.38E-03	9.24E-06	7.35E-03	4.37E-06	2.21E-06	3.20E-09	7.68E-06	4.57E-09
6896324144488	689632	4144488	RESIDENT	6.53E-03	9.33E-06	7.52E-03	4.41E-06	2.26E-06	3.23E-09	7.86E-06	4.61E-09
6896374144488	689637	4144488	RESIDENT	6.69E-03	9.41E-06	7.71E-03	4.45E-06	2.32E-06	3.26E-09	8.06E-06	4.65E-09
6896424144488	689642	4144488	RESIDENT	6.86E-03	9.51E-06	7.90E-03	4.50E-06	2.37E-06	3.29E-09	8.26E-06	4.70E-09
6896474144488	689647	4144488	RESIDENT	7.03E-03	9.60E-06	8.10E-03	4.54E-06	2.43E-06	3.32E-09	8.46E-06	4.74E-09
6896524144488	689652	4144488	RESIDENT	7.21E-03	9.69E-06	8.30E-03	4.58E-06	2.50E-06	3.35E-09	8.68E-06	4.79E-09
6896574144488	689657	4144488	RESIDENT	7.40E-03	9.79E-06	8.52E-03	4.63E-06	2.56E-06	3.39E-09	8.90E-06	4.84E-09
6896624144488	689662	4144488	RESIDENT	7.59E-03	9.88E-06	8.74E-03	4.67E-06	2.63E-06	3.42E-09	9.14E-06	4.89E-09
6896674144488	689667	4144488	RESIDENT	7.79E-03	9.98E-06	8.97E-03	4.72E-06	2.70E-06	3.45E-09	9.38E-06	4.93E-09
6896724144488	689672	4144488	RESIDENT	8.00E-03	1.01E-05	9.22E-03	4.77E-06	2.77E-06	3.49E-09	9.63E-06	4.98E-09
6904044143506	690404	4143506	RESIDENT	1.92E-03	3.75E-05	2.21E-03	1.78E-05	6.66E-07	1.30E-08	2.31E-06	1.86E-08
6904094143506	690409	4143506	RESIDENT	1.95E-03	3.66E-05	2.25E-03	1.73E-05	6.76E-07	1.27E-08	2.35E-06	1.81E-08
6904144143506	690414	4143506	RESIDENT	1.98E-03	3.58E-05	2.28E-03	1.69E-05	6.87E-07	1.24E-08	2.39E-06	1.77E-08
6904194143506	690419	4143506	RESIDENT	2.01E-03	3.49E-05	2.32E-03	1.65E-05	6.97E-07	1.21E-08	2.42E-06	1.73E-08
6904244143506	690424	4143506	RESIDENT	2.04E-03	3.41E-05	2.35E-03	1.61E-05	7.08E-07	1.18E-08	2.46E-06	1.68E-08
6904294143506	690429	4143506	RESIDENT	2.07E-03	3.33E-05	2.39E-03	1.57E-05	7.18E-07	1.15E-08	2.50E-06	1.64E-08
6904344143506	690434	4143506	RESIDENT	2.11E-03	3.25E-05	2.42E-03	1.54E-05	7.29E-07	1.12E-08	2.53E-06	1.61E-08
6904394143506	690439	4143506	RESIDENT	2.14E-03	3.17E-05	2.46E-03	1.50E-05	7.39E-07	1.10E-08	2.57E-06	1.57E-08
6904444143506	690444	4143506	RESIDENT	2.17E-03	3.10E-05	2.49E-03	1.47E-05	7.50E-07	1.07E-08	2.61E-06	1.53E-08
6904494143506	690449	4143506	RESIDENT	2.20E-03	3.03E-05	2.53E-03	1.43E-05	7.60E-07	1.05E-08	2.64E-06	1.50E-08
6904544143506	690454	4143506	RESIDENT	2.23E-03	2.96E-05	2.56E-03	1.40E-05	7.71E-07	1.03E-08	2.68E-06	1.47E-08
6904594143506	690459	4143506	RESIDENT	2.26E-03	2.90E-05	2.60E-03	1.37E-05	7.81E-07	1.00E-08	2.72E-06	1.43E-08
6904644143506	690464	4143506	RESIDENT	2.29E-03	2.84E-05	2.63E-03	1.34E-05	7.92E-07	9.81E-09	2.75E-06	1.40E-08
6904694143506	690469	4143506	RESIDENT	2.32E-03	2.77E-05	2.67E-03	1.31E-05	8.02E-07	9.60E-09	2.79E-06	1.37E-08
6904744143506	690474	4143506	RESIDENT	2.35E-03	2.72E-05	2.70E-03	1.28E-05	8.12E-07	9.40E-09	2.82E-06	1.34E-08
6904794143506	690479	4143506	RESIDENT	2.38E-03	2.66E-05	2.74E-03	1.26E-05	8.22E-07	9.20E-09	2.86E-06	1.31E-08
6904844143506	690484	4143506	RESIDENT	2.41E-03	2.60E-05	2.77E-03	1.23E-05	8.33E-07	9.01E-09	2.89E-06	1.29E-08
6904894143506	690489	4143506	RESIDENT	2.43E-03	2.55E-05	2.80E-03	1.21E-05	8.43E-07	8.83E-09	2.93E-06	1.26E-08
6904944143506	690494	4143506	RESIDENT	2.46E-03	2.50E-05	2.84E-03	1.18E-05	8.52E-07	8.65E-09	2.96E-06	1.24E-08
6904994143506	690499	4143506	RESIDENT	2.49E-03	2.45E-05	2.87E-03	1.16E-05	8.62E-07	8.48E-09	3.00E-06	1.21E-08
6904044143511	690404	4143511	RESIDENT	1.96E-03	3.84E-05	2.25E-03	1.81E-05	6.77E-07	1.33E-08	2.35E-06	1.90E-08
6904094143511	690409	4143511	RESIDENT	1.99E-03	3.74E-05	2.29E-03	1.77E-05	6.87E-07	1.29E-08	2.39E-06	1.85E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904144143511	690414	4143511	RESIDENT	2.02E-03	3.64E-05	2.32E-03	1.72E-05	6.98E-07	1.26E-08	2.43E-06	1.80E-08
6904194143511	690419	4143511	RESIDENT	2.05E-03	3.55E-05	2.36E-03	1.68E-05	7.09E-07	1.23E-08	2.46E-06	1.76E-08
6904244143511	690424	4143511	RESIDENT	2.08E-03	3.47E-05	2.39E-03	1.64E-05	7.19E-07	1.20E-08	2.50E-06	1.71E-08
6904294143511	690429	4143511	RESIDENT	2.11E-03	3.38E-05	2.43E-03	1.60E-05	7.30E-07	1.17E-08	2.54E-06	1.67E-08
6904344143511	690434	4143511	RESIDENT	2.14E-03	3.30E-05	2.46E-03	1.56E-05	7.41E-07	1.14E-08	2.58E-06	1.63E-08
6904394143511	690439	4143511	RESIDENT	2.17E-03	3.22E-05	2.50E-03	1.52E-05	7.52E-07	1.11E-08	2.61E-06	1.59E-08
6904444143511	690444	4143511	RESIDENT	2.20E-03	3.14E-05	2.54E-03	1.49E-05	7.62E-07	1.09E-08	2.65E-06	1.55E-08
6904494143511	690449	4143511	RESIDENT	2.23E-03	3.07E-05	2.57E-03	1.45E-05	7.73E-07	1.06E-08	2.69E-06	1.52E-08
6904544143511	690454	4143511	RESIDENT	2.26E-03	3.00E-05	2.61E-03	1.42E-05	7.84E-07	1.04E-08	2.72E-06	1.48E-08
6904594143511	690459	4143511	RESIDENT	2.29E-03	2.93E-05	2.64E-03	1.39E-05	7.94E-07	1.02E-08	2.76E-06	1.45E-08
6904644143511	690464	4143511	RESIDENT	2.32E-03	2.87E-05	2.68E-03	1.36E-05	8.05E-07	9.93E-09	2.80E-06	1.42E-08
6904694143511	690469	4143511	RESIDENT	2.35E-03	2.81E-05	2.71E-03	1.33E-05	8.15E-07	9.71E-09	2.83E-06	1.39E-08
6904744143511	690474	4143511	RESIDENT	2.38E-03	2.74E-05	2.75E-03	1.30E-05	8.26E-07	9.50E-09	2.87E-06	1.36E-08
6904794143511	690479	4143511	RESIDENT	2.41E-03	2.69E-05	2.78E-03	1.27E-05	8.36E-07	9.30E-09	2.91E-06	1.33E-08
6904844143511	690484	4143511	RESIDENT	2.44E-03	2.63E-05	2.81E-03	1.24E-05	8.46E-07	9.10E-09	2.94E-06	1.30E-08
6904894143511	690489	4143511	RESIDENT	2.47E-03	2.58E-05	2.85E-03	1.22E-05	8.56E-07	8.91E-09	2.98E-06	1.27E-08
6904944143511	690494	4143511	RESIDENT	2.50E-03	2.52E-05	2.88E-03	1.19E-05	8.66E-07	8.73E-09	3.01E-06	1.25E-08
6904994143511	690499	4143511	RESIDENT	2.53E-03	2.47E-05	2.91E-03	1.17E-05	8.76E-07	8.56E-09	3.05E-06	1.22E-08
6904044143516	690404	4143516	RESIDENT	1.99E-03	3.91E-05	2.29E-03	1.85E-05	6.88E-07	1.35E-08	2.39E-06	1.94E-08
6904094143516	690409	4143516	RESIDENT	2.02E-03	3.81E-05	2.33E-03	1.80E-05	6.99E-07	1.32E-08	2.43E-06	1.88E-08
6904144143516	690414	4143516	RESIDENT	2.05E-03	3.71E-05	2.36E-03	1.76E-05	7.10E-07	1.28E-08	2.47E-06	1.83E-08
6904194143516	690419	4143516	RESIDENT	2.08E-03	3.61E-05	2.40E-03	1.71E-05	7.21E-07	1.25E-08	2.51E-06	1.79E-08
6904244143516	690424	4143516	RESIDENT	2.11E-03	3.52E-05	2.43E-03	1.67E-05	7.32E-07	1.22E-08	2.54E-06	1.74E-08
6904294143516	690429	4143516	RESIDENT	2.14E-03	3.43E-05	2.47E-03	1.62E-05	7.42E-07	1.19E-08	2.58E-06	1.70E-08
6904344143516	690434	4143516	RESIDENT	2.18E-03	3.35E-05	2.51E-03	1.58E-05	7.53E-07	1.16E-08	2.62E-06	1.66E-08
6904394143516	690439	4143516	RESIDENT	2.21E-03	3.27E-05	2.54E-03	1.54E-05	7.64E-07	1.13E-08	2.66E-06	1.61E-08
6904444143516	690444	4143516	RESIDENT	2.24E-03	3.19E-05	2.58E-03	1.51E-05	7.75E-07	1.10E-08	2.69E-06	1.58E-08
6904494143516	690449	4143516	RESIDENT	2.27E-03	3.11E-05	2.61E-03	1.47E-05	7.86E-07	1.08E-08	2.73E-06	1.54E-08
6904544143516	690454	4143516	RESIDENT	2.30E-03	3.04E-05	2.65E-03	1.44E-05	7.97E-07	1.05E-08	2.77E-06	1.50E-08
6904594143516	690459	4143516	RESIDENT	2.33E-03	2.97E-05	2.69E-03	1.40E-05	8.07E-07	1.03E-08	2.81E-06	1.47E-08
6904644143516	690464	4143516	RESIDENT	2.36E-03	2.90E-05	2.72E-03	1.37E-05	8.18E-07	1.00E-08	2.84E-06	1.43E-08
6904694143516	690469	4143516	RESIDENT	2.39E-03	2.84E-05	2.76E-03	1.34E-05	8.29E-07	9.81E-09	2.88E-06	1.40E-08
6904744143516	690474	4143516	RESIDENT	2.42E-03	2.77E-05	2.79E-03	1.31E-05	8.39E-07	9.60E-09	2.92E-06	1.37E-08
6904794143516	690479	4143516	RESIDENT	2.45E-03	2.71E-05	2.83E-03	1.28E-05	8.50E-07	9.39E-09	2.95E-06	1.34E-08
6904844143516	690484	4143516	RESIDENT	2.48E-03	2.65E-05	2.86E-03	1.26E-05	8.60E-07	9.19E-09	2.99E-06	1.31E-08
6904894143516	690489	4143516	RESIDENT	2.51E-03	2.60E-05	2.89E-03	1.23E-05	8.70E-07	9.00E-09	3.03E-06	1.28E-08
6904944143516	690494	4143516	RESIDENT	2.54E-03	2.54E-05	2.93E-03	1.20E-05	8.80E-07	8.81E-09	3.06E-06	1.26E-08
6904994143516	690499	4143516	RESIDENT	2.57E-03	2.49E-05	2.96E-03	1.18E-05	8.90E-07	8.63E-09	3.10E-06	1.23E-08
6904044143521	690404	4143521	RESIDENT	2.02E-03	3.99E-05	2.33E-03	1.89E-05	7.00E-07	1.38E-08	2.43E-06	1.97E-08
6904094143521	690409	4143521	RESIDENT	2.05E-03	3.88E-05	2.36E-03	1.84E-05	7.11E-07	1.34E-08	2.47E-06	1.92E-08
6904144143521	690414	4143521	RESIDENT	2.09E-03	3.77E-05	2.40E-03	1.79E-05	7.22E-07	1.31E-08	2.51E-06	1.87E-08
6904194143521	690419	4143521	RESIDENT	2.12E-03	3.67E-05	2.44E-03	1.74E-05	7.33E-07	1.27E-08	2.55E-06	1.82E-08
6904244143521	690424	4143521	RESIDENT	2.15E-03	3.58E-05	2.47E-03	1.69E-05	7.44E-07	1.24E-08	2.59E-06	1.77E-08
6904294143521	690429	4143521	RESIDENT	2.18E-03	3.48E-05	2.51E-03	1.65E-05	7.55E-07	1.21E-08	2.62E-06	1.72E-08
6904344143521	690434	4143521	RESIDENT	2.21E-03	3.39E-05	2.55E-03	1.61E-05	7.66E-07	1.17E-08	2.66E-06	1.68E-08
6904394143521	690439	4143521	RESIDENT	2.24E-03	3.31E-05	2.58E-03	1.56E-05	7.77E-07	1.15E-08	2.70E-06	1.64E-08
6904444143521	690444	4143521	RESIDENT	2.28E-03	3.23E-05	2.62E-03	1.53E-05	7.88E-07	1.12E-08	2.74E-06	1.60E-08
6904494143521	690449	4143521	RESIDENT	2.31E-03	3.15E-05	2.66E-03	1.49E-05	7.99E-07	1.09E-08	2.78E-06	1.56E-08
6904544143521	690454	4143521	RESIDENT	2.34E-03	3.07E-05	2.69E-03	1.45E-05	8.10E-07	1.06E-08	2.82E-06	1.52E-08
6904594143521	690459	4143521	RESIDENT	2.37E-03	3.00E-05	2.73E-03	1.42E-05	8.21E-07	1.04E-08	2.85E-06	1.48E-08
6904644143521	690464	4143521	RESIDENT	2.40E-03	2.93E-05	2.77E-03	1.39E-05	8.32E-07	1.01E-08	2.89E-06	1.45E-08
6904694143521	690469	4143521	RESIDENT	2.43E-03	2.86E-05	2.80E-03	1.35E-05	8.42E-07	9.91E-09	2.93E-06	1.42E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904744143521	690474	4143521	RESIDENT	2.46E-03	2.80E-05	2.84E-03	1.32E-05	8.53E-07	9.69E-09	2.97E-06	1.38E-08
6904794143521	690479	4143521	RESIDENT	2.49E-03	2.74E-05	2.87E-03	1.30E-05	8.64E-07	9.48E-09	3.00E-06	1.35E-08
6904844143521	690484	4143521	RESIDENT	2.53E-03	2.68E-05	2.91E-03	1.27E-05	8.74E-07	9.27E-09	3.04E-06	1.32E-08
6904894143521	690489	4143521	RESIDENT	2.55E-03	2.62E-05	2.94E-03	1.24E-05	8.84E-07	9.07E-09	3.08E-06	1.30E-08
6904944143521	690494	4143521	RESIDENT	2.58E-03	2.57E-05	2.98E-03	1.21E-05	8.95E-07	8.88E-09	3.11E-06	1.27E-08
6904994143521	690499	4143521	RESIDENT	2.61E-03	2.51E-05	3.01E-03	1.19E-05	9.05E-07	8.70E-09	3.15E-06	1.24E-08
6904044143526	690404	4143526	RESIDENT	2.06E-03	4.06E-05	2.37E-03	1.92E-05	7.12E-07	1.41E-08	2.47E-06	2.01E-08
6904094143526	690409	4143526	RESIDENT	2.09E-03	3.95E-05	2.40E-03	1.87E-05	7.23E-07	1.37E-08	2.51E-06	1.95E-08
6904144143526	690414	4143526	RESIDENT	2.12E-03	3.84E-05	2.44E-03	1.81E-05	7.34E-07	1.33E-08	2.55E-06	1.90E-08
6904194143526	690419	4143526	RESIDENT	2.15E-03	3.73E-05	2.48E-03	1.76E-05	7.45E-07	1.29E-08	2.59E-06	1.84E-08
6904244143526	690424	4143526	RESIDENT	2.19E-03	3.63E-05	2.52E-03	1.72E-05	7.57E-07	1.26E-08	2.63E-06	1.79E-08
6904294143526	690429	4143526	RESIDENT	2.22E-03	3.53E-05	2.55E-03	1.67E-05	7.68E-07	1.22E-08	2.67E-06	1.75E-08
6904344143526	690434	4143526	RESIDENT	2.25E-03	3.44E-05	2.59E-03	1.63E-05	7.79E-07	1.19E-08	2.71E-06	1.70E-08
6904394143526	690439	4143526	RESIDENT	2.28E-03	3.35E-05	2.63E-03	1.58E-05	7.90E-07	1.16E-08	2.75E-06	1.66E-08
6904444143526	690444	4143526	RESIDENT	2.32E-03	3.27E-05	2.67E-03	1.54E-05	8.01E-07	1.13E-08	2.79E-06	1.61E-08
6904494143526	690449	4143526	RESIDENT	2.35E-03	3.18E-05	2.70E-03	1.51E-05	8.13E-07	1.10E-08	2.82E-06	1.57E-08
6904544143526	690454	4143526	RESIDENT	2.38E-03	3.11E-05	2.74E-03	1.47E-05	8.24E-07	1.08E-08	2.86E-06	1.54E-08
6904594143526	690459	4143526	RESIDENT	2.41E-03	3.03E-05	2.78E-03	1.43E-05	8.35E-07	1.05E-08	2.90E-06	1.50E-08
6904644143526	690464	4143526	RESIDENT	2.44E-03	2.96E-05	2.81E-03	1.40E-05	8.46E-07	1.02E-08	2.94E-06	1.46E-08
6904694143526	690469	4143526	RESIDENT	2.47E-03	2.89E-05	2.85E-03	1.37E-05	8.56E-07	1.00E-08	2.98E-06	1.43E-08
6904744143526	690474	4143526	RESIDENT	2.51E-03	2.83E-05	2.88E-03	1.34E-05	8.67E-07	9.78E-09	3.02E-06	1.40E-08
6904794143526	690479	4143526	RESIDENT	2.54E-03	2.76E-05	2.92E-03	1.31E-05	8.78E-07	9.56E-09	3.05E-06	1.37E-08
6904844143526	690484	4143526	RESIDENT	2.57E-03	2.70E-05	2.96E-03	1.28E-05	8.89E-07	9.35E-09	3.09E-06	1.34E-08
6904894143526	690489	4143526	RESIDENT	2.60E-03	2.64E-05	2.99E-03	1.25E-05	8.99E-07	9.15E-09	3.13E-06	1.31E-08
6904944143526	690494	4143526	RESIDENT	2.63E-03	2.59E-05	3.02E-03	1.22E-05	9.09E-07	8.96E-09	3.16E-06	1.28E-08
6904994143526	690499	4143526	RESIDENT	2.66E-03	2.53E-05	3.06E-03	1.20E-05	9.20E-07	8.77E-09	3.20E-06	1.25E-08
6904044143531	690404	4143531	RESIDENT	2.09E-03	4.13E-05	2.41E-03	1.95E-05	7.24E-07	1.43E-08	2.52E-06	2.04E-08
6904094143531	690409	4143531	RESIDENT	2.12E-03	4.01E-05	2.45E-03	1.90E-05	7.35E-07	1.39E-08	2.56E-06	1.98E-08
6904144143531	690414	4143531	RESIDENT	2.16E-03	3.89E-05	2.48E-03	1.84E-05	7.47E-07	1.35E-08	2.60E-06	1.93E-08
6904194143531	690419	4143531	RESIDENT	2.19E-03	3.78E-05	2.52E-03	1.79E-05	7.58E-07	1.31E-08	2.64E-06	1.87E-08
6904244143531	690424	4143531	RESIDENT	2.22E-03	3.68E-05	2.56E-03	1.74E-05	7.69E-07	1.27E-08	2.68E-06	1.82E-08
6904294143531	690429	4143531	RESIDENT	2.26E-03	3.58E-05	2.60E-03	1.69E-05	7.81E-07	1.24E-08	2.71E-06	1.77E-08
6904344143531	690434	4143531	RESIDENT	2.29E-03	3.48E-05	2.64E-03	1.65E-05	7.92E-07	1.21E-08	2.75E-06	1.72E-08
6904394143531	690439	4143531	RESIDENT	2.32E-03	3.39E-05	2.67E-03	1.60E-05	8.04E-07	1.17E-08	2.79E-06	1.68E-08
6904444143531	690444	4143531	RESIDENT	2.35E-03	3.30E-05	2.71E-03	1.56E-05	8.15E-07	1.14E-08	2.83E-06	1.63E-08
6904494143531	690449	4143531	RESIDENT	2.39E-03	3.22E-05	2.75E-03	1.52E-05	8.26E-07	1.11E-08	2.87E-06	1.59E-08
6904544143531	690454	4143531	RESIDENT	2.42E-03	3.14E-05	2.79E-03	1.48E-05	8.38E-07	1.09E-08	2.91E-06	1.55E-08
6904594143531	690459	4143531	RESIDENT	2.45E-03	3.06E-05	2.82E-03	1.45E-05	8.49E-07	1.06E-08	2.95E-06	1.51E-08
6904644143531	690464	4143531	RESIDENT	2.48E-03	2.99E-05	2.86E-03	1.41E-05	8.60E-07	1.03E-08	2.99E-06	1.48E-08
6904694143531	690469	4143531	RESIDENT	2.52E-03	2.92E-05	2.90E-03	1.38E-05	8.71E-07	1.01E-08	3.03E-06	1.44E-08
6904744143531	690474	4143531	RESIDENT	2.55E-03	2.85E-05	2.93E-03	1.35E-05	8.82E-07	9.87E-09	3.07E-06	1.41E-08
6904794143531	690479	4143531	RESIDENT	2.58E-03	2.79E-05	2.97E-03	1.32E-05	8.93E-07	9.64E-09	3.10E-06	1.38E-08
6904844143531	690484	4143531	RESIDENT	2.61E-03	2.72E-05	3.00E-03	1.29E-05	9.03E-07	9.43E-09	3.14E-06	1.35E-08
6904894143531	690489	4143531	RESIDENT	2.64E-03	2.66E-05	3.04E-03	1.26E-05	9.14E-07	9.22E-09	3.18E-06	1.32E-08
6904944143531	690494	4143531	RESIDENT	2.67E-03	2.61E-05	3.07E-03	1.23E-05	9.24E-07	9.02E-09	3.21E-06	1.29E-08
6904994143531	690499	4143531	RESIDENT	2.70E-03	2.55E-05	3.11E-03	1.21E-05	9.35E-07	8.83E-09	3.25E-06	1.26E-08
6904044143536	690404	4143536	RESIDENT	2.13E-03	4.20E-05	2.45E-03	1.99E-05	7.36E-07	1.45E-08	2.56E-06	2.08E-08
6904094143536	690409	4143536	RESIDENT	2.16E-03	4.07E-05	2.49E-03	1.93E-05	7.48E-07	1.41E-08	2.60E-06	2.01E-08
6904144143536	690414	4143536	RESIDENT	2.19E-03	3.95E-05	2.53E-03	1.87E-05	7.60E-07	1.37E-08	2.64E-06	1.95E-08
6904194143536	690419	4143536	RESIDENT	2.23E-03	3.83E-05	2.56E-03	1.81E-05	7.71E-07	1.33E-08	2.68E-06	1.90E-08
6904244143536	690424	4143536	RESIDENT	2.26E-03	3.72E-05	2.60E-03	1.76E-05	7.83E-07	1.29E-08	2.72E-06	1.84E-08
6904294143536	690429	4143536	RESIDENT	2.29E-03	3.62E-05	2.64E-03	1.71E-05	7.94E-07	1.25E-08	2.76E-06	1.79E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904344143536	690434	4143536	RESIDENT	2.33E-03	3.52E-05	2.68E-03	1.67E-05	8.06E-07	1.22E-08	2.80E-06	1.74E-08
6904394143536	690439	4143536	RESIDENT	2.36E-03	3.43E-05	2.72E-03	1.62E-05	8.17E-07	1.19E-08	2.84E-06	1.69E-08
6904444143536	690444	4143536	RESIDENT	2.39E-03	3.34E-05	2.76E-03	1.58E-05	8.29E-07	1.16E-08	2.88E-06	1.65E-08
6904494143536	690449	4143536	RESIDENT	2.43E-03	3.25E-05	2.80E-03	1.54E-05	8.40E-07	1.13E-08	2.92E-06	1.61E-08
6904544143536	690454	4143536	RESIDENT	2.46E-03	3.17E-05	2.83E-03	1.50E-05	8.52E-07	1.10E-08	2.96E-06	1.57E-08
6904594143536	690459	4143536	RESIDENT	2.49E-03	3.09E-05	2.87E-03	1.46E-05	8.63E-07	1.07E-08	3.00E-06	1.53E-08
6904644143536	690464	4143536	RESIDENT	2.53E-03	3.02E-05	2.91E-03	1.43E-05	8.74E-07	1.04E-08	3.04E-06	1.49E-08
6904694143536	690469	4143536	RESIDENT	2.56E-03	2.94E-05	2.95E-03	1.39E-05	8.85E-07	1.02E-08	3.08E-06	1.46E-08
6904744143536	690474	4143536	RESIDENT	2.59E-03	2.87E-05	2.98E-03	1.36E-05	8.96E-07	9.95E-09	3.12E-06	1.42E-08
6904794143536	690479	4143536	RESIDENT	2.62E-03	2.81E-05	3.02E-03	1.33E-05	9.07E-07	9.72E-09	3.16E-06	1.39E-08
6904844143536	690484	4143536	RESIDENT	2.65E-03	2.75E-05	3.05E-03	1.30E-05	9.18E-07	9.50E-09	3.19E-06	1.36E-08
6904894143536	690489	4143536	RESIDENT	2.68E-03	2.68E-05	3.09E-03	1.27E-05	9.29E-07	9.29E-09	3.23E-06	1.33E-08
6904944143536	690494	4143536	RESIDENT	2.71E-03	2.63E-05	3.13E-03	1.24E-05	9.40E-07	9.09E-09	3.27E-06	1.30E-08
6904994143536	690499	4143536	RESIDENT	2.74E-03	2.57E-05	3.16E-03	1.22E-05	9.50E-07	8.90E-09	3.30E-06	1.27E-08
6904044143541	690404	4143541	RESIDENT	2.16E-03	4.26E-05	2.49E-03	2.02E-05	7.49E-07	1.47E-08	2.60E-06	2.11E-08
6904094143541	690409	4143541	RESIDENT	2.20E-03	4.13E-05	2.53E-03	1.95E-05	7.61E-07	1.43E-08	2.65E-06	2.04E-08
6904144143541	690414	4143541	RESIDENT	2.23E-03	4.00E-05	2.57E-03	1.89E-05	7.73E-07	1.39E-08	2.69E-06	1.98E-08
6904194143541	690419	4143541	RESIDENT	2.27E-03	3.88E-05	2.61E-03	1.84E-05	7.84E-07	1.34E-08	2.73E-06	1.92E-08
6904244143541	690424	4143541	RESIDENT	2.30E-03	3.77E-05	2.65E-03	1.78E-05	7.96E-07	1.31E-08	2.77E-06	1.86E-08
6904294143541	690429	4143541	RESIDENT	2.33E-03	3.66E-05	2.69E-03	1.73E-05	8.08E-07	1.27E-08	2.81E-06	1.81E-08
6904344143541	690434	4143541	RESIDENT	2.37E-03	3.56E-05	2.73E-03	1.68E-05	8.20E-07	1.23E-08	2.85E-06	1.76E-08
6904394143541	690439	4143541	RESIDENT	2.40E-03	3.46E-05	2.77E-03	1.64E-05	8.31E-07	1.20E-08	2.89E-06	1.71E-08
6904444143541	690444	4143541	RESIDENT	2.44E-03	3.37E-05	2.80E-03	1.59E-05	8.43E-07	1.17E-08	2.93E-06	1.67E-08
6904494143541	690449	4143541	RESIDENT	2.47E-03	3.28E-05	2.84E-03	1.55E-05	8.55E-07	1.14E-08	2.97E-06	1.62E-08
6904544143541	690454	4143541	RESIDENT	2.50E-03	3.20E-05	2.88E-03	1.51E-05	8.66E-07	1.11E-08	3.01E-06	1.58E-08
6904594143541	690459	4143541	RESIDENT	2.54E-03	3.12E-05	2.92E-03	1.48E-05	8.78E-07	1.08E-08	3.05E-06	1.54E-08
6904644143541	690464	4143541	RESIDENT	2.57E-03	3.04E-05	2.96E-03	1.44E-05	8.89E-07	1.05E-08	3.09E-06	1.50E-08
6904694143541	690469	4143541	RESIDENT	2.60E-03	2.97E-05	3.00E-03	1.40E-05	9.00E-07	1.03E-08	3.13E-06	1.47E-08
6904744143541	690474	4143541	RESIDENT	2.63E-03	2.90E-05	3.03E-03	1.37E-05	9.12E-07	1.00E-08	3.17E-06	1.43E-08
6904794143541	690479	4143541	RESIDENT	2.67E-03	2.83E-05	3.07E-03	1.34E-05	9.23E-07	9.80E-09	3.21E-06	1.40E-08
6904844143541	690484	4143541	RESIDENT	2.70E-03	2.77E-05	3.11E-03	1.31E-05	9.34E-07	9.58E-09	3.25E-06	1.37E-08
6904894143541	690489	4143541	RESIDENT	2.73E-03	2.70E-05	3.14E-03	1.28E-05	9.44E-07	9.36E-09	3.28E-06	1.34E-08
6904944143541	690494	4143541	RESIDENT	2.76E-03	2.64E-05	3.18E-03	1.25E-05	9.55E-07	9.16E-09	3.32E-06	1.31E-08
6904994143541	690499	4143541	RESIDENT	2.79E-03	2.59E-05	3.21E-03	1.22E-05	9.66E-07	8.96E-09	3.36E-06	1.28E-08
6904044143546	690404	4143546	RESIDENT	2.20E-03	4.32E-05	2.54E-03	2.04E-05	7.62E-07	1.50E-08	2.65E-06	2.14E-08
6904094143546	690409	4143546	RESIDENT	2.24E-03	4.18E-05	2.58E-03	1.98E-05	7.74E-07	1.45E-08	2.69E-06	2.07E-08
6904144143546	690414	4143546	RESIDENT	2.27E-03	4.05E-05	2.61E-03	1.92E-05	7.86E-07	1.40E-08	2.73E-06	2.00E-08
6904194143546	690419	4143546	RESIDENT	2.31E-03	3.93E-05	2.65E-03	1.86E-05	7.98E-07	1.36E-08	2.77E-06	1.94E-08
6904244143546	690424	4143546	RESIDENT	2.34E-03	3.81E-05	2.69E-03	1.80E-05	8.10E-07	1.32E-08	2.82E-06	1.89E-08
6904294143546	690429	4143546	RESIDENT	2.37E-03	3.70E-05	2.73E-03	1.75E-05	8.22E-07	1.28E-08	2.86E-06	1.83E-08
6904344143546	690434	4143546	RESIDENT	2.41E-03	3.60E-05	2.77E-03	1.70E-05	8.34E-07	1.25E-08	2.90E-06	1.78E-08
6904394143546	690439	4143546	RESIDENT	2.44E-03	3.50E-05	2.81E-03	1.65E-05	8.46E-07	1.21E-08	2.94E-06	1.73E-08
6904444143546	690444	4143546	RESIDENT	2.48E-03	3.40E-05	2.85E-03	1.61E-05	8.58E-07	1.18E-08	2.98E-06	1.68E-08
6904494143546	690449	4143546	RESIDENT	2.51E-03	3.31E-05	2.89E-03	1.57E-05	8.69E-07	1.15E-08	3.02E-06	1.64E-08
6904544143546	690454	4143546	RESIDENT	2.55E-03	3.23E-05	2.93E-03	1.53E-05	8.81E-07	1.12E-08	3.06E-06	1.60E-08
6904594143546	690459	4143546	RESIDENT	2.58E-03	3.14E-05	2.97E-03	1.49E-05	8.93E-07	1.09E-08	3.10E-06	1.55E-08
6904644143546	690464	4143546	RESIDENT	2.61E-03	3.07E-05	3.01E-03	1.45E-05	9.04E-07	1.06E-08	3.14E-06	1.52E-08
6904694143546	690469	4143546	RESIDENT	2.65E-03	2.99E-05	3.05E-03	1.42E-05	9.16E-07	1.04E-08	3.18E-06	1.48E-08
6904744143546	690474	4143546	RESIDENT	2.68E-03	2.92E-05	3.08E-03	1.38E-05	9.27E-07	1.01E-08	3.22E-06	1.44E-08
6904794143546	690479	4143546	RESIDENT	2.71E-03	2.85E-05	3.12E-03	1.35E-05	9.38E-07	9.87E-09	3.26E-06	1.41E-08
6904844143546	690484	4143546	RESIDENT	2.74E-03	2.79E-05	3.16E-03	1.32E-05	9.49E-07	9.64E-09	3.30E-06	1.38E-08
6904894143546	690489	4143546	RESIDENT	2.77E-03	2.72E-05	3.19E-03	1.29E-05	9.60E-07	9.43E-09	3.34E-06	1.35E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904944143546	690494	4143546	RESIDENT	2.81E-03	2.66E-05	3.23E-03	1.26E-05	9.71E-07	9.22E-09	3.38E-06	1.32E-08
6904994143546	690499	4143546	RESIDENT	2.84E-03	2.60E-05	3.27E-03	1.23E-05	9.82E-07	9.02E-09	3.41E-06	1.29E-08
6904044143551	690404	4143551	RESIDENT	2.24E-03	4.38E-05	2.58E-03	2.07E-05	7.76E-07	1.51E-08	2.70E-06	2.16E-08
6904094143551	690409	4143551	RESIDENT	2.28E-03	4.23E-05	2.62E-03	2.00E-05	7.88E-07	1.47E-08	2.74E-06	2.09E-08
6904144143551	690414	4143551	RESIDENT	2.31E-03	4.10E-05	2.66E-03	1.94E-05	8.00E-07	1.42E-08	2.78E-06	2.03E-08
6904194143551	690419	4143551	RESIDENT	2.35E-03	3.97E-05	2.70E-03	1.88E-05	8.12E-07	1.38E-08	2.82E-06	1.96E-08
6904244143551	690424	4143551	RESIDENT	2.38E-03	3.85E-05	2.74E-03	1.82E-05	8.24E-07	1.33E-08	2.87E-06	1.91E-08
6904294143551	690429	4143551	RESIDENT	2.42E-03	3.74E-05	2.78E-03	1.77E-05	8.36E-07	1.29E-08	2.91E-06	1.85E-08
6904344143551	690434	4143551	RESIDENT	2.45E-03	3.63E-05	2.82E-03	1.72E-05	8.48E-07	1.26E-08	2.95E-06	1.80E-08
6904394143551	690439	4143551	RESIDENT	2.49E-03	3.53E-05	2.86E-03	1.67E-05	8.60E-07	1.22E-08	2.99E-06	1.75E-08
6904444143551	690444	4143551	RESIDENT	2.52E-03	3.43E-05	2.90E-03	1.62E-05	8.73E-07	1.19E-08	3.03E-06	1.70E-08
6904494143551	690449	4143551	RESIDENT	2.55E-03	3.34E-05	2.94E-03	1.58E-05	8.84E-07	1.16E-08	3.08E-06	1.65E-08
6904544143551	690454	4143551	RESIDENT	2.59E-03	3.25E-05	2.98E-03	1.54E-05	8.96E-07	1.13E-08	3.12E-06	1.61E-08
6904594143551	690459	4143551	RESIDENT	2.62E-03	3.17E-05	3.02E-03	1.50E-05	9.08E-07	1.10E-08	3.16E-06	1.57E-08
6904644143551	690464	4143551	RESIDENT	2.66E-03	3.09E-05	3.06E-03	1.46E-05	9.20E-07	1.07E-08	3.20E-06	1.53E-08
6904694143551	690469	4143551	RESIDENT	2.69E-03	3.01E-05	3.10E-03	1.43E-05	9.31E-07	1.04E-08	3.24E-06	1.49E-08
6904744143551	690474	4143551	RESIDENT	2.72E-03	2.94E-05	3.14E-03	1.39E-05	9.43E-07	1.02E-08	3.28E-06	1.45E-08
6904794143551	690479	4143551	RESIDENT	2.76E-03	2.87E-05	3.17E-03	1.36E-05	9.54E-07	9.94E-09	3.32E-06	1.42E-08
6904844143551	690484	4143551	RESIDENT	2.79E-03	2.81E-05	3.21E-03	1.33E-05	9.65E-07	9.71E-09	3.36E-06	1.39E-08
6904894143551	690489	4143551	RESIDENT	2.82E-03	2.74E-05	3.25E-03	1.30E-05	9.76E-07	9.49E-09	3.39E-06	1.36E-08
6904944143551	690494	4143551	RESIDENT	2.85E-03	2.68E-05	3.28E-03	1.27E-05	9.87E-07	9.28E-09	3.43E-06	1.33E-08
6904994143551	690499	4143551	RESIDENT	2.88E-03	2.62E-05	3.32E-03	1.24E-05	9.98E-07	9.07E-09	3.47E-06	1.30E-08
6904044143556	690404	4143556	RESIDENT	2.28E-03	4.43E-05	2.63E-03	2.09E-05	7.89E-07	1.53E-08	2.74E-06	2.19E-08
6904094143556	690409	4143556	RESIDENT	2.32E-03	4.28E-05	2.67E-03	2.03E-05	8.02E-07	1.48E-08	2.79E-06	2.12E-08
6904144143556	690414	4143556	RESIDENT	2.35E-03	4.14E-05	2.71E-03	1.96E-05	8.14E-07	1.43E-08	2.83E-06	2.05E-08
6904194143556	690419	4143556	RESIDENT	2.39E-03	4.01E-05	2.75E-03	1.90E-05	8.26E-07	1.39E-08	2.87E-06	1.98E-08
6904244143556	690424	4143556	RESIDENT	2.42E-03	3.89E-05	2.79E-03	1.84E-05	8.39E-07	1.35E-08	2.92E-06	1.92E-08
6904294143556	690429	4143556	RESIDENT	2.46E-03	3.78E-05	2.83E-03	1.79E-05	8.51E-07	1.31E-08	2.96E-06	1.87E-08
6904344143556	690434	4143556	RESIDENT	2.49E-03	3.67E-05	2.87E-03	1.73E-05	8.63E-07	1.27E-08	3.00E-06	1.81E-08
6904394143556	690439	4143556	RESIDENT	2.53E-03	3.56E-05	2.91E-03	1.68E-05	8.76E-07	1.23E-08	3.04E-06	1.76E-08
6904444143556	690444	4143556	RESIDENT	2.56E-03	3.46E-05	2.95E-03	1.64E-05	8.88E-07	1.20E-08	3.09E-06	1.71E-08
6904494143556	690449	4143556	RESIDENT	2.60E-03	3.37E-05	2.99E-03	1.59E-05	9.00E-07	1.17E-08	3.13E-06	1.67E-08
6904544143556	690454	4143556	RESIDENT	2.63E-03	3.28E-05	3.03E-03	1.55E-05	9.12E-07	1.14E-08	3.17E-06	1.62E-08
6904594143556	690459	4143556	RESIDENT	2.67E-03	3.19E-05	3.07E-03	1.51E-05	9.24E-07	1.11E-08	3.21E-06	1.58E-08
6904644143556	690464	4143556	RESIDENT	2.70E-03	3.11E-05	3.11E-03	1.47E-05	9.36E-07	1.08E-08	3.25E-06	1.54E-08
6904694143556	690469	4143556	RESIDENT	2.74E-03	3.04E-05	3.15E-03	1.44E-05	9.47E-07	1.05E-08	3.29E-06	1.50E-08
6904044143561	690404	4143561	RESIDENT	2.32E-03	4.48E-05	2.67E-03	2.12E-05	8.03E-07	1.55E-08	2.79E-06	2.21E-08
6904094143561	690409	4143561	RESIDENT	2.36E-03	4.33E-05	2.71E-03	2.05E-05	8.16E-07	1.50E-08	2.84E-06	2.14E-08
6904144143561	690414	4143561	RESIDENT	2.39E-03	4.19E-05	2.76E-03	1.98E-05	8.28E-07	1.45E-08	2.88E-06	2.07E-08
6904194143561	690419	4143561	RESIDENT	2.43E-03	4.05E-05	2.80E-03	1.92E-05	8.41E-07	1.40E-08	2.92E-06	2.00E-08
6904244143561	690424	4143561	RESIDENT	2.47E-03	3.93E-05	2.84E-03	1.86E-05	8.53E-07	1.36E-08	2.97E-06	1.94E-08
6904294143561	690429	4143561	RESIDENT	2.50E-03	3.81E-05	2.88E-03	1.80E-05	8.66E-07	1.32E-08	3.01E-06	1.88E-08
6904344143561	690434	4143561	RESIDENT	2.54E-03	3.70E-05	2.92E-03	1.75E-05	8.78E-07	1.28E-08	3.05E-06	1.83E-08
6904394143561	690439	4143561	RESIDENT	2.57E-03	3.59E-05	2.96E-03	1.70E-05	8.91E-07	1.24E-08	3.10E-06	1.78E-08
6904444143561	690444	4143561	RESIDENT	2.61E-03	3.49E-05	3.00E-03	1.65E-05	9.03E-07	1.21E-08	3.14E-06	1.73E-08
6904494143561	690449	4143561	RESIDENT	2.64E-03	3.40E-05	3.05E-03	1.61E-05	9.16E-07	1.18E-08	3.18E-06	1.68E-08
6904544143561	690454	4143561	RESIDENT	2.68E-03	3.30E-05	3.09E-03	1.56E-05	9.28E-07	1.14E-08	3.23E-06	1.63E-08
6904594143561	690459	4143561	RESIDENT	2.72E-03	3.22E-05	3.13E-03	1.52E-05	9.40E-07	1.11E-08	3.27E-06	1.59E-08
6904644143561	690464	4143561	RESIDENT	2.75E-03	3.14E-05	3.17E-03	1.48E-05	9.52E-07	1.09E-08	3.31E-06	1.55E-08
6904694143561	690469	4143561	RESIDENT	2.78E-03	3.06E-05	3.21E-03	1.45E-05	9.64E-07	1.06E-08	3.35E-06	1.51E-08
6904044143566	690404	4143566	RESIDENT	2.36E-03	4.53E-05	2.72E-03	2.14E-05	8.18E-07	1.57E-08	2.84E-06	2.24E-08
6904094143566	690409	4143566	RESIDENT	2.40E-03	4.37E-05	2.76E-03	2.07E-05	8.30E-07	1.51E-08	2.89E-06	2.16E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904144143566	690414	4143566	RESIDENT	2.44E-03	4.23E-05	2.80E-03	2.00E-05	8.43E-07	1.46E-08	2.93E-06	2.09E-08
6904194143566	690419	4143566	RESIDENT	2.47E-03	4.09E-05	2.85E-03	1.94E-05	8.56E-07	1.42E-08	2.98E-06	2.02E-08
6904244143566	690424	4143566	RESIDENT	2.51E-03	3.96E-05	2.89E-03	1.87E-05	8.69E-07	1.37E-08	3.02E-06	1.96E-08
6904294143566	690429	4143566	RESIDENT	2.55E-03	3.84E-05	2.93E-03	1.82E-05	8.81E-07	1.33E-08	3.06E-06	1.90E-08
6904344143566	690434	4143566	RESIDENT	2.58E-03	3.73E-05	2.97E-03	1.76E-05	8.94E-07	1.29E-08	3.11E-06	1.84E-08
6904394143566	690439	4143566	RESIDENT	2.62E-03	3.62E-05	3.02E-03	1.71E-05	9.07E-07	1.25E-08	3.15E-06	1.79E-08
6904444143566	690444	4143566	RESIDENT	2.66E-03	3.52E-05	3.06E-03	1.66E-05	9.19E-07	1.22E-08	3.20E-06	1.74E-08
6904494143566	690449	4143566	RESIDENT	2.69E-03	3.42E-05	3.10E-03	1.62E-05	9.32E-07	1.18E-08	3.24E-06	1.69E-08
6904544143566	690454	4143566	RESIDENT	2.73E-03	3.33E-05	3.14E-03	1.57E-05	9.44E-07	1.15E-08	3.28E-06	1.65E-08
6904594143566	690459	4143566	RESIDENT	2.76E-03	3.24E-05	3.18E-03	1.53E-05	9.56E-07	1.12E-08	3.32E-06	1.60E-08
6904644143566	690464	4143566	RESIDENT	2.80E-03	3.16E-05	3.22E-03	1.49E-05	9.68E-07	1.09E-08	3.37E-06	1.56E-08
6904694143566	690469	4143566	RESIDENT	2.83E-03	3.08E-05	3.26E-03	1.46E-05	9.80E-07	1.07E-08	3.41E-06	1.52E-08
6904044143571	690404	4143571	RESIDENT	2.40E-03	4.57E-05	2.77E-03	2.16E-05	8.32E-07	1.58E-08	2.89E-06	2.26E-08
6904094143571	690409	4143571	RESIDENT	2.44E-03	4.41E-05	2.81E-03	2.09E-05	8.45E-07	1.53E-08	2.94E-06	2.18E-08
6904144143571	690414	4143571	RESIDENT	2.48E-03	4.26E-05	2.85E-03	2.02E-05	8.58E-07	1.48E-08	2.98E-06	2.11E-08
6904194143571	690419	4143571	RESIDENT	2.52E-03	4.13E-05	2.90E-03	1.95E-05	8.71E-07	1.43E-08	3.03E-06	2.04E-08
6904244143571	690424	4143571	RESIDENT	2.55E-03	4.00E-05	2.94E-03	1.89E-05	8.84E-07	1.38E-08	3.07E-06	1.98E-08
6904294143571	690429	4143571	RESIDENT	2.59E-03	3.87E-05	2.98E-03	1.83E-05	8.97E-07	1.34E-08	3.12E-06	1.91E-08
6904344143571	690434	4143571	RESIDENT	2.63E-03	3.76E-05	3.03E-03	1.78E-05	9.10E-07	1.30E-08	3.16E-06	1.86E-08
6904394143571	690439	4143571	RESIDENT	2.67E-03	3.65E-05	3.07E-03	1.73E-05	9.23E-07	1.26E-08	3.21E-06	1.80E-08
6904444143571	690444	4143571	RESIDENT	2.70E-03	3.54E-05	3.11E-03	1.68E-05	9.35E-07	1.23E-08	3.25E-06	1.75E-08
6904494143571	690449	4143571	RESIDENT	2.74E-03	3.44E-05	3.15E-03	1.63E-05	9.48E-07	1.19E-08	3.30E-06	1.70E-08
6904544143571	690454	4143571	RESIDENT	2.77E-03	3.35E-05	3.20E-03	1.58E-05	9.61E-07	1.16E-08	3.34E-06	1.66E-08
6904594143571	690459	4143571	RESIDENT	2.81E-03	3.26E-05	3.24E-03	1.54E-05	9.73E-07	1.13E-08	3.38E-06	1.61E-08
6904644143571	690464	4143571	RESIDENT	2.85E-03	3.18E-05	3.28E-03	1.50E-05	9.85E-07	1.10E-08	3.43E-06	1.57E-08
6904694143571	690469	4143571	RESIDENT	2.88E-03	3.10E-05	3.32E-03	1.46E-05	9.97E-07	1.07E-08	3.47E-06	1.53E-08
6904044143576	690404	4143576	RESIDENT	2.45E-03	4.61E-05	2.82E-03	2.18E-05	8.47E-07	1.60E-08	2.95E-06	2.28E-08
6904094143576	690409	4143576	RESIDENT	2.49E-03	4.45E-05	2.86E-03	2.11E-05	8.60E-07	1.54E-08	2.99E-06	2.20E-08
6904144143576	690414	4143576	RESIDENT	2.52E-03	4.30E-05	2.91E-03	2.03E-05	8.74E-07	1.49E-08	3.04E-06	2.13E-08
6904194143576	690419	4143576	RESIDENT	2.56E-03	4.16E-05	2.95E-03	1.97E-05	8.87E-07	1.44E-08	3.08E-06	2.06E-08
6904244143576	690424	4143576	RESIDENT	2.60E-03	4.03E-05	2.99E-03	1.90E-05	9.00E-07	1.39E-08	3.13E-06	1.99E-08
6904294143576	690429	4143576	RESIDENT	2.64E-03	3.90E-05	3.04E-03	1.85E-05	9.13E-07	1.35E-08	3.17E-06	1.93E-08
6904344143576	690434	4143576	RESIDENT	2.68E-03	3.78E-05	3.08E-03	1.79E-05	9.26E-07	1.31E-08	3.22E-06	1.87E-08
6904394143576	690439	4143576	RESIDENT	2.71E-03	3.67E-05	3.12E-03	1.74E-05	9.39E-07	1.27E-08	3.27E-06	1.82E-08
6904444143576	690444	4143576	RESIDENT	2.75E-03	3.57E-05	3.17E-03	1.69E-05	9.52E-07	1.23E-08	3.31E-06	1.76E-08
6904494143576	690449	4143576	RESIDENT	2.79E-03	3.47E-05	3.21E-03	1.64E-05	9.65E-07	1.20E-08	3.35E-06	1.71E-08
6904544143576	690454	4143576	RESIDENT	2.82E-03	3.37E-05	3.25E-03	1.60E-05	9.78E-07	1.17E-08	3.40E-06	1.67E-08
6904594143576	690459	4143576	RESIDENT	2.86E-03	3.28E-05	3.29E-03	1.55E-05	9.90E-07	1.14E-08	3.44E-06	1.62E-08
6904644143576	690464	4143576	RESIDENT	2.90E-03	3.20E-05	3.33E-03	1.51E-05	1.00E-06	1.11E-08	3.49E-06	1.58E-08
6904694143576	690469	4143576	RESIDENT	2.93E-03	3.11E-05	3.38E-03	1.47E-05	1.01E-06	1.08E-08	3.53E-06	1.54E-08
6904044143581	690404	4143581	RESIDENT	2.49E-03	4.65E-05	2.87E-03	2.20E-05	8.63E-07	1.61E-08	3.00E-06	2.30E-08
6904094143581	690409	4143581	RESIDENT	2.53E-03	4.49E-05	2.91E-03	2.12E-05	8.76E-07	1.55E-08	3.05E-06	2.22E-08
6904144143581	690414	4143581	RESIDENT	2.57E-03	4.33E-05	2.96E-03	2.05E-05	8.90E-07	1.50E-08	3.09E-06	2.14E-08
6904194143581	690419	4143581	RESIDENT	2.61E-03	4.19E-05	3.00E-03	1.98E-05	9.03E-07	1.45E-08	3.14E-06	2.07E-08
6904244143581	690424	4143581	RESIDENT	2.65E-03	4.06E-05	3.05E-03	1.92E-05	9.16E-07	1.40E-08	3.19E-06	2.01E-08
6904294143581	690429	4143581	RESIDENT	2.69E-03	3.93E-05	3.09E-03	1.86E-05	9.30E-07	1.36E-08	3.23E-06	1.94E-08
6904344143581	690434	4143581	RESIDENT	2.72E-03	3.81E-05	3.14E-03	1.80E-05	9.43E-07	1.32E-08	3.28E-06	1.88E-08
6904394143581	690439	4143581	RESIDENT	2.76E-03	3.70E-05	3.18E-03	1.75E-05	9.56E-07	1.28E-08	3.32E-06	1.83E-08
6904444143581	690444	4143581	RESIDENT	2.80E-03	3.59E-05	3.22E-03	1.70E-05	9.69E-07	1.24E-08	3.37E-06	1.78E-08
6904494143581	690449	4143581	RESIDENT	2.84E-03	3.49E-05	3.27E-03	1.65E-05	9.82E-07	1.21E-08	3.41E-06	1.72E-08
6904544143581	690454	4143581	RESIDENT	2.87E-03	3.39E-05	3.31E-03	1.60E-05	9.95E-07	1.17E-08	3.46E-06	1.68E-08
6904594143581	690459	4143581	RESIDENT	2.91E-03	3.30E-05	3.35E-03	1.56E-05	1.01E-06	1.14E-08	3.50E-06	1.63E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904644143581	690464	4143581	RESIDENT	2.95E-03	3.21E-05	3.39E-03	1.52E-05	1.02E-06	1.11E-08	3.55E-06	1.59E-08
6904694143581	690469	4143581	RESIDENT	2.98E-03	3.13E-05	3.43E-03	1.48E-05	1.03E-06	1.08E-08	3.59E-06	1.55E-08
6904044143586	690404	4143586	RESIDENT	2.54E-03	4.69E-05	2.92E-03	2.22E-05	8.78E-07	1.62E-08	3.05E-06	2.32E-08
6904094143586	690409	4143586	RESIDENT	2.58E-03	4.52E-05	2.97E-03	2.14E-05	8.92E-07	1.57E-08	3.10E-06	2.24E-08
6904144143586	690414	4143586	RESIDENT	2.62E-03	4.37E-05	3.01E-03	2.07E-05	9.06E-07	1.51E-08	3.15E-06	2.16E-08
6904194143586	690419	4143586	RESIDENT	2.66E-03	4.22E-05	3.06E-03	2.00E-05	9.19E-07	1.46E-08	3.20E-06	2.09E-08
6904244143586	690424	4143586	RESIDENT	2.69E-03	4.08E-05	3.10E-03	1.93E-05	9.33E-07	1.41E-08	3.24E-06	2.02E-08
6904294143586	690429	4143586	RESIDENT	2.73E-03	3.96E-05	3.15E-03	1.87E-05	9.46E-07	1.37E-08	3.29E-06	1.96E-08
6904344143586	690434	4143586	RESIDENT	2.77E-03	3.84E-05	3.19E-03	1.81E-05	9.60E-07	1.33E-08	3.34E-06	1.90E-08
6904394143586	690439	4143586	RESIDENT	2.81E-03	3.72E-05	3.24E-03	1.76E-05	9.73E-07	1.29E-08	3.38E-06	1.84E-08
6904444143586	690444	4143586	RESIDENT	2.85E-03	3.61E-05	3.28E-03	1.71E-05	9.86E-07	1.25E-08	3.43E-06	1.79E-08
6904494143586	690449	4143586	RESIDENT	2.89E-03	3.51E-05	3.32E-03	1.66E-05	1.00E-06	1.21E-08	3.48E-06	1.74E-08
6904544143586	690454	4143586	RESIDENT	2.93E-03	3.41E-05	3.37E-03	1.61E-05	1.01E-06	1.18E-08	3.52E-06	1.69E-08
6904594143586	690459	4143586	RESIDENT	2.96E-03	3.32E-05	3.41E-03	1.57E-05	1.03E-06	1.15E-08	3.57E-06	1.64E-08
6904644143586	690464	4143586	RESIDENT	3.00E-03	3.23E-05	3.45E-03	1.53E-05	1.04E-06	1.12E-08	3.61E-06	1.60E-08
6904694143586	690469	4143586	RESIDENT	3.04E-03	3.15E-05	3.50E-03	1.49E-05	1.05E-06	1.09E-08	3.65E-06	1.56E-08
6904044143591	690404	4143591	RESIDENT	2.58E-03	4.72E-05	2.98E-03	2.23E-05	8.95E-07	1.63E-08	3.11E-06	2.33E-08
6904094143591	690409	4143591	RESIDENT	2.62E-03	4.55E-05	3.02E-03	2.15E-05	9.08E-07	1.58E-08	3.16E-06	2.25E-08
6904144143591	690414	4143591	RESIDENT	2.66E-03	4.40E-05	3.07E-03	2.08E-05	9.22E-07	1.52E-08	3.21E-06	2.17E-08
6904194143591	690419	4143591	RESIDENT	2.70E-03	4.25E-05	3.11E-03	2.01E-05	9.36E-07	1.47E-08	3.25E-06	2.10E-08
6904244143591	690424	4143591	RESIDENT	2.74E-03	4.11E-05	3.16E-03	1.94E-05	9.50E-07	1.42E-08	3.30E-06	2.03E-08
6904294143591	690429	4143591	RESIDENT	2.78E-03	3.98E-05	3.21E-03	1.88E-05	9.64E-07	1.38E-08	3.35E-06	1.97E-08
6904344143591	690434	4143591	RESIDENT	2.82E-03	3.86E-05	3.25E-03	1.83E-05	9.77E-07	1.34E-08	3.40E-06	1.91E-08
6904394143591	690439	4143591	RESIDENT	2.86E-03	3.74E-05	3.30E-03	1.77E-05	9.91E-07	1.30E-08	3.44E-06	1.85E-08
6904444143591	690444	4143591	RESIDENT	2.90E-03	3.63E-05	3.34E-03	1.72E-05	1.00E-06	1.26E-08	3.49E-06	1.80E-08
6904494143591	690449	4143591	RESIDENT	2.94E-03	3.53E-05	3.38E-03	1.67E-05	1.02E-06	1.22E-08	3.54E-06	1.75E-08
6904544143591	690454	4143591	RESIDENT	2.98E-03	3.43E-05	3.43E-03	1.62E-05	1.03E-06	1.19E-08	3.58E-06	1.70E-08
6904594143591	690459	4143591	RESIDENT	3.02E-03	3.34E-05	3.47E-03	1.58E-05	1.04E-06	1.16E-08	3.63E-06	1.65E-08
6904644143591	690464	4143591	RESIDENT	3.05E-03	3.25E-05	3.51E-03	1.54E-05	1.06E-06	1.12E-08	3.67E-06	1.61E-08
6904694143591	690469	4143591	RESIDENT	3.09E-03	3.16E-05	3.56E-03	1.50E-05	1.07E-06	1.10E-08	3.72E-06	1.56E-08
6904044143596	690404	4143596	RESIDENT	2.63E-03	4.76E-05	3.03E-03	2.25E-05	9.11E-07	1.65E-08	3.17E-06	2.35E-08
6904094143596	690409	4143596	RESIDENT	2.67E-03	4.59E-05	3.08E-03	2.17E-05	9.25E-07	1.59E-08	3.22E-06	2.27E-08
6904144143596	690414	4143596	RESIDENT	2.71E-03	4.43E-05	3.12E-03	2.09E-05	9.39E-07	1.53E-08	3.27E-06	2.19E-08
6904194143596	690419	4143596	RESIDENT	2.75E-03	4.28E-05	3.17E-03	2.02E-05	9.53E-07	1.48E-08	3.31E-06	2.11E-08
6904244143596	690424	4143596	RESIDENT	2.79E-03	4.14E-05	3.22E-03	1.96E-05	9.67E-07	1.43E-08	3.36E-06	2.05E-08
6904294143596	690429	4143596	RESIDENT	2.83E-03	4.01E-05	3.26E-03	1.89E-05	9.81E-07	1.39E-08	3.41E-06	1.98E-08
6904344143596	690434	4143596	RESIDENT	2.87E-03	3.88E-05	3.31E-03	1.84E-05	9.95E-07	1.34E-08	3.46E-06	1.92E-08
6904394143596	690439	4143596	RESIDENT	2.91E-03	3.76E-05	3.36E-03	1.78E-05	1.01E-06	1.30E-08	3.51E-06	1.86E-08
6904444143596	690444	4143596	RESIDENT	2.95E-03	3.65E-05	3.40E-03	1.73E-05	1.02E-06	1.26E-08	3.55E-06	1.81E-08
6904494143596	690449	4143596	RESIDENT	2.99E-03	3.55E-05	3.45E-03	1.68E-05	1.04E-06	1.23E-08	3.60E-06	1.75E-08
6904544143596	690454	4143596	RESIDENT	3.03E-03	3.45E-05	3.49E-03	1.63E-05	1.05E-06	1.19E-08	3.65E-06	1.71E-08
6904594143596	690459	4143596	RESIDENT	3.07E-03	3.36E-05	3.53E-03	1.59E-05	1.06E-06	1.16E-08	3.69E-06	1.66E-08
6904644143596	690464	4143596	RESIDENT	3.11E-03	3.27E-05	3.58E-03	1.54E-05	1.08E-06	1.13E-08	3.74E-06	1.61E-08
6904694143596	690469	4143596	RESIDENT	3.14E-03	3.18E-05	3.62E-03	1.50E-05	1.09E-06	1.10E-08	3.78E-06	1.57E-08
6904044143601	690404	4143601	RESIDENT	2.68E-03	4.79E-05	3.09E-03	2.26E-05	9.28E-07	1.66E-08	3.23E-06	2.37E-08
6904094143601	690409	4143601	RESIDENT	2.72E-03	4.62E-05	3.13E-03	2.18E-05	9.42E-07	1.60E-08	3.28E-06	2.28E-08
6904144143601	690414	4143601	RESIDENT	2.76E-03	4.45E-05	3.18E-03	2.11E-05	9.57E-07	1.54E-08	3.33E-06	2.20E-08
6904194143601	690419	4143601	RESIDENT	2.80E-03	4.30E-05	3.23E-03	2.04E-05	9.71E-07	1.49E-08	3.38E-06	2.13E-08
6904244143601	690424	4143601	RESIDENT	2.85E-03	4.16E-05	3.28E-03	1.97E-05	9.85E-07	1.44E-08	3.43E-06	2.06E-08
6904294143601	690429	4143601	RESIDENT	2.89E-03	4.03E-05	3.32E-03	1.91E-05	9.99E-07	1.39E-08	3.47E-06	1.99E-08
6904344143601	690434	4143601	RESIDENT	2.93E-03	3.90E-05	3.37E-03	1.85E-05	1.01E-06	1.35E-08	3.52E-06	1.93E-08
6904394143601	690439	4143601	RESIDENT	2.97E-03	3.79E-05	3.42E-03	1.79E-05	1.03E-06	1.31E-08	3.57E-06	1.87E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904444143601	690444	4143601	RESIDENT	3.01E-03	3.67E-05	3.46E-03	1.74E-05	1.04E-06	1.27E-08	3.62E-06	1.82E-08
6904494143601	690449	4143601	RESIDENT	3.05E-03	3.57E-05	3.51E-03	1.69E-05	1.05E-06	1.23E-08	3.67E-06	1.76E-08
6904544143601	690454	4143601	RESIDENT	3.09E-03	3.47E-05	3.55E-03	1.64E-05	1.07E-06	1.20E-08	3.71E-06	1.71E-08
6904594143601	690459	4143601	RESIDENT	3.12E-03	3.37E-05	3.60E-03	1.59E-05	1.08E-06	1.17E-08	3.76E-06	1.67E-08
6904644143601	690464	4143601	RESIDENT	3.16E-03	3.28E-05	3.64E-03	1.55E-05	1.09E-06	1.14E-08	3.81E-06	1.62E-08
6904694143601	690469	4143601	RESIDENT	3.20E-03	3.20E-05	3.69E-03	1.51E-05	1.11E-06	1.11E-08	3.85E-06	1.58E-08
6904044143606	690404	4143606	RESIDENT	2.73E-03	4.82E-05	3.14E-03	2.28E-05	9.45E-07	1.67E-08	3.29E-06	2.38E-08
6904094143606	690409	4143606	RESIDENT	2.77E-03	4.64E-05	3.19E-03	2.20E-05	9.60E-07	1.61E-08	3.34E-06	2.30E-08
6904144143606	690414	4143606	RESIDENT	2.82E-03	4.48E-05	3.24E-03	2.12E-05	9.74E-07	1.55E-08	3.39E-06	2.22E-08
6904194143606	690419	4143606	RESIDENT	2.86E-03	4.33E-05	3.29E-03	2.05E-05	9.89E-07	1.50E-08	3.44E-06	2.14E-08
6904244143606	690424	4143606	RESIDENT	2.90E-03	4.19E-05	3.34E-03	1.98E-05	1.00E-06	1.45E-08	3.49E-06	2.07E-08
6904294143606	690429	4143606	RESIDENT	2.94E-03	4.05E-05	3.39E-03	1.92E-05	1.02E-06	1.40E-08	3.54E-06	2.00E-08
6904344143606	690434	4143606	RESIDENT	2.98E-03	3.92E-05	3.43E-03	1.86E-05	1.03E-06	1.36E-08	3.59E-06	1.94E-08
6904394143606	690439	4143606	RESIDENT	3.02E-03	3.81E-05	3.48E-03	1.80E-05	1.05E-06	1.32E-08	3.64E-06	1.88E-08
6904444143606	690444	4143606	RESIDENT	3.06E-03	3.69E-05	3.53E-03	1.75E-05	1.06E-06	1.28E-08	3.69E-06	1.83E-08
6904494143606	690449	4143606	RESIDENT	3.10E-03	3.59E-05	3.57E-03	1.70E-05	1.07E-06	1.24E-08	3.73E-06	1.77E-08
6904544143606	690454	4143606	RESIDENT	3.14E-03	3.48E-05	3.62E-03	1.65E-05	1.09E-06	1.21E-08	3.78E-06	1.72E-08
6904594143606	690459	4143606	RESIDENT	3.18E-03	3.39E-05	3.66E-03	1.60E-05	1.10E-06	1.17E-08	3.83E-06	1.68E-08
6904644143606	690464	4143606	RESIDENT	3.22E-03	3.30E-05	3.71E-03	1.56E-05	1.11E-06	1.14E-08	3.87E-06	1.63E-08
6904694143606	690469	4143606	RESIDENT	3.26E-03	3.21E-05	3.75E-03	1.52E-05	1.13E-06	1.11E-08	3.92E-06	1.59E-08
6904044143611	690404	4143611	RESIDENT	2.78E-03	4.85E-05	3.20E-03	2.29E-05	9.63E-07	1.68E-08	3.35E-06	2.40E-08
6904094143611	690409	4143611	RESIDENT	2.83E-03	4.67E-05	3.25E-03	2.21E-05	9.78E-07	1.62E-08	3.40E-06	2.31E-08
6904144143611	690414	4143611	RESIDENT	2.87E-03	4.51E-05	3.30E-03	2.13E-05	9.93E-07	1.56E-08	3.45E-06	2.23E-08
6904194143611	690419	4143611	RESIDENT	2.91E-03	4.35E-05	3.35E-03	2.06E-05	1.01E-06	1.51E-08	3.50E-06	2.15E-08
6904244143611	690424	4143611	RESIDENT	2.95E-03	4.21E-05	3.40E-03	1.99E-05	1.02E-06	1.46E-08	3.55E-06	2.08E-08
6904294143611	690429	4143611	RESIDENT	2.99E-03	4.07E-05	3.45E-03	1.93E-05	1.04E-06	1.41E-08	3.60E-06	2.01E-08
6904344143611	690434	4143611	RESIDENT	3.04E-03	3.95E-05	3.50E-03	1.87E-05	1.05E-06	1.37E-08	3.65E-06	1.95E-08
6904394143611	690439	4143611	RESIDENT	3.08E-03	3.82E-05	3.54E-03	1.81E-05	1.07E-06	1.32E-08	3.70E-06	1.89E-08
6904444143611	690444	4143611	RESIDENT	3.12E-03	3.71E-05	3.59E-03	1.76E-05	1.08E-06	1.28E-08	3.75E-06	1.83E-08
6904494143611	690449	4143611	RESIDENT	3.16E-03	3.60E-05	3.64E-03	1.70E-05	1.09E-06	1.25E-08	3.80E-06	1.78E-08
6904544143611	690454	4143611	RESIDENT	3.20E-03	3.50E-05	3.68E-03	1.66E-05	1.11E-06	1.21E-08	3.85E-06	1.73E-08
6904594143611	690459	4143611	RESIDENT	3.24E-03	3.40E-05	3.73E-03	1.61E-05	1.12E-06	1.18E-08	3.90E-06	1.68E-08
6904644143611	690464	4143611	RESIDENT	3.28E-03	3.31E-05	3.77E-03	1.57E-05	1.13E-06	1.15E-08	3.95E-06	1.64E-08
6904694143611	690469	4143611	RESIDENT	3.32E-03	3.22E-05	3.82E-03	1.53E-05	1.15E-06	1.12E-08	3.99E-06	1.59E-08
6904044143616	690404	4143616	RESIDENT	2.84E-03	4.88E-05	3.26E-03	2.31E-05	9.81E-07	1.69E-08	3.41E-06	2.41E-08
6904094143616	690409	4143616	RESIDENT	2.88E-03	4.70E-05	3.31E-03	2.22E-05	9.96E-07	1.63E-08	3.46E-06	2.32E-08
6904144143616	690414	4143616	RESIDENT	2.92E-03	4.53E-05	3.36E-03	2.14E-05	1.01E-06	1.57E-08	3.52E-06	2.24E-08
6904194143616	690419	4143616	RESIDENT	2.97E-03	4.38E-05	3.41E-03	2.07E-05	1.03E-06	1.52E-08	3.57E-06	2.16E-08
6904244143616	690424	4143616	RESIDENT	3.01E-03	4.23E-05	3.46E-03	2.00E-05	1.04E-06	1.46E-08	3.62E-06	2.09E-08
6904294143616	690429	4143616	RESIDENT	3.05E-03	4.09E-05	3.51E-03	1.94E-05	1.06E-06	1.42E-08	3.67E-06	2.02E-08
6904344143616	690434	4143616	RESIDENT	3.09E-03	3.97E-05	3.56E-03	1.88E-05	1.07E-06	1.37E-08	3.72E-06	1.96E-08
6904394143616	690439	4143616	RESIDENT	3.13E-03	3.84E-05	3.61E-03	1.82E-05	1.09E-06	1.33E-08	3.77E-06	1.90E-08
6904444143616	690444	4143616	RESIDENT	3.18E-03	3.73E-05	3.66E-03	1.76E-05	1.10E-06	1.29E-08	3.82E-06	1.84E-08
6904494143616	690449	4143616	RESIDENT	3.22E-03	3.62E-05	3.70E-03	1.71E-05	1.11E-06	1.25E-08	3.87E-06	1.79E-08
6904544143616	690454	4143616	RESIDENT	3.26E-03	3.52E-05	3.75E-03	1.66E-05	1.13E-06	1.22E-08	3.92E-06	1.74E-08
6904594143616	690459	4143616	RESIDENT	3.30E-03	3.42E-05	3.80E-03	1.62E-05	1.14E-06	1.18E-08	3.97E-06	1.69E-08
6904644143616	690464	4143616	RESIDENT	3.34E-03	3.33E-05	3.84E-03	1.57E-05	1.16E-06	1.15E-08	4.02E-06	1.64E-08
6904694143616	690469	4143616	RESIDENT	3.38E-03	3.24E-05	3.89E-03	1.53E-05	1.17E-06	1.12E-08	4.06E-06	1.60E-08
6904044143621	690404	4143621	RESIDENT	2.89E-03	4.90E-05	3.33E-03	2.32E-05	1.00E-06	1.70E-08	3.48E-06	2.42E-08
6904094143621	690409	4143621	RESIDENT	2.93E-03	4.72E-05	3.38E-03	2.23E-05	1.02E-06	1.64E-08	3.53E-06	2.34E-08
6904144143621	690414	4143621	RESIDENT	2.98E-03	4.56E-05	3.43E-03	2.16E-05	1.03E-06	1.58E-08	3.58E-06	2.25E-08
6904194143621	690419	4143621	RESIDENT	3.02E-03	4.40E-05	3.48E-03	2.08E-05	1.05E-06	1.52E-08	3.64E-06	2.18E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904244143621	690424	4143621	RESIDENT	3.06E-03	4.25E-05	3.53E-03	2.01E-05	1.06E-06	1.47E-08	3.69E-06	2.10E-08
6904294143621	690429	4143621	RESIDENT	3.11E-03	4.11E-05	3.58E-03	1.95E-05	1.08E-06	1.42E-08	3.74E-06	2.03E-08
6904344143621	690434	4143621	RESIDENT	3.15E-03	3.98E-05	3.63E-03	1.88E-05	1.09E-06	1.38E-08	3.79E-06	1.97E-08
6904394143621	690439	4143621	RESIDENT	3.19E-03	3.86E-05	3.68E-03	1.83E-05	1.11E-06	1.34E-08	3.84E-06	1.91E-08
6904444143621	690444	4143621	RESIDENT	3.24E-03	3.75E-05	3.73E-03	1.77E-05	1.12E-06	1.30E-08	3.89E-06	1.85E-08
6904494143621	690449	4143621	RESIDENT	3.28E-03	3.64E-05	3.77E-03	1.72E-05	1.13E-06	1.26E-08	3.94E-06	1.80E-08
6904544143621	690454	4143621	RESIDENT	3.32E-03	3.53E-05	3.82E-03	1.67E-05	1.15E-06	1.22E-08	3.99E-06	1.75E-08
6904594143621	690459	4143621	RESIDENT	3.36E-03	3.43E-05	3.87E-03	1.62E-05	1.16E-06	1.19E-08	4.04E-06	1.70E-08
6904644143621	690464	4143621	RESIDENT	3.40E-03	3.34E-05	3.91E-03	1.58E-05	1.18E-06	1.16E-08	4.09E-06	1.65E-08
6904694143621	690469	4143621	RESIDENT	3.44E-03	3.25E-05	3.96E-03	1.54E-05	1.19E-06	1.13E-08	4.14E-06	1.61E-08
6904044143626	690404	4143626	RESIDENT	2.94E-03	4.93E-05	3.39E-03	2.33E-05	1.02E-06	1.71E-08	3.54E-06	2.44E-08
6904094143626	690409	4143626	RESIDENT	2.99E-03	4.75E-05	3.44E-03	2.25E-05	1.03E-06	1.64E-08	3.60E-06	2.35E-08
6904144143626	690414	4143626	RESIDENT	3.03E-03	4.58E-05	3.49E-03	2.17E-05	1.05E-06	1.59E-08	3.65E-06	2.26E-08
6904194143626	690419	4143626	RESIDENT	3.08E-03	4.42E-05	3.54E-03	2.09E-05	1.07E-06	1.53E-08	3.71E-06	2.19E-08
6904244143626	690424	4143626	RESIDENT	3.12E-03	4.27E-05	3.60E-03	2.02E-05	1.08E-06	1.48E-08	3.76E-06	2.11E-08
6904294143626	690429	4143626	RESIDENT	3.17E-03	4.13E-05	3.65E-03	1.96E-05	1.10E-06	1.43E-08	3.81E-06	2.04E-08
6904344143626	690434	4143626	RESIDENT	3.21E-03	4.00E-05	3.70E-03	1.89E-05	1.11E-06	1.39E-08	3.86E-06	1.98E-08
6904394143626	690439	4143626	RESIDENT	3.25E-03	3.88E-05	3.75E-03	1.84E-05	1.13E-06	1.34E-08	3.92E-06	1.92E-08
6904444143626	690444	4143626	RESIDENT	3.30E-03	3.76E-05	3.80E-03	1.78E-05	1.14E-06	1.30E-08	3.97E-06	1.86E-08
6904494143626	690449	4143626	RESIDENT	3.34E-03	3.65E-05	3.84E-03	1.73E-05	1.16E-06	1.26E-08	4.02E-06	1.81E-08
6904544143626	690454	4143626	RESIDENT	3.38E-03	3.55E-05	3.89E-03	1.68E-05	1.17E-06	1.23E-08	4.07E-06	1.75E-08
6904594143626	690459	4143626	RESIDENT	3.42E-03	3.45E-05	3.94E-03	1.63E-05	1.18E-06	1.19E-08	4.12E-06	1.71E-08
6904644143626	690464	4143626	RESIDENT	3.46E-03	3.35E-05	3.98E-03	1.59E-05	1.20E-06	1.16E-08	4.16E-06	1.66E-08
6904044143631	690404	4143631	RESIDENT	3.00E-03	4.96E-05	3.46E-03	2.34E-05	1.04E-06	1.72E-08	3.61E-06	2.45E-08
6904094143631	690409	4143631	RESIDENT	3.05E-03	4.77E-05	3.51E-03	2.26E-05	1.05E-06	1.65E-08	3.67E-06	2.36E-08
6904144143631	690414	4143631	RESIDENT	3.09E-03	4.60E-05	3.56E-03	2.18E-05	1.07E-06	1.59E-08	3.72E-06	2.28E-08
6904194143631	690419	4143631	RESIDENT	3.14E-03	4.44E-05	3.61E-03	2.10E-05	1.09E-06	1.54E-08	3.78E-06	2.20E-08
6904244143631	690424	4143631	RESIDENT	3.18E-03	4.30E-05	3.66E-03	2.03E-05	1.10E-06	1.49E-08	3.83E-06	2.12E-08
6904294143631	690429	4143631	RESIDENT	3.23E-03	4.15E-05	3.72E-03	1.97E-05	1.12E-06	1.44E-08	3.88E-06	2.05E-08
6904344143631	690434	4143631	RESIDENT	3.27E-03	4.02E-05	3.77E-03	1.90E-05	1.13E-06	1.39E-08	3.94E-06	1.99E-08
6904394143631	690439	4143631	RESIDENT	3.31E-03	3.90E-05	3.82E-03	1.84E-05	1.15E-06	1.35E-08	3.99E-06	1.93E-08
6904444143631	690444	4143631	RESIDENT	3.36E-03	3.78E-05	3.87E-03	1.79E-05	1.16E-06	1.31E-08	4.04E-06	1.87E-08
6904494143631	690449	4143631	RESIDENT	3.40E-03	3.67E-05	3.92E-03	1.74E-05	1.18E-06	1.27E-08	4.09E-06	1.81E-08
6904544143631	690454	4143631	RESIDENT	3.44E-03	3.56E-05	3.96E-03	1.69E-05	1.19E-06	1.23E-08	4.14E-06	1.76E-08
6904594143631	690459	4143631	RESIDENT	3.48E-03	3.46E-05	4.01E-03	1.64E-05	1.21E-06	1.20E-08	4.19E-06	1.71E-08
6904644143631	690464	4143631	RESIDENT	3.52E-03	3.37E-05	4.06E-03	1.59E-05	1.22E-06	1.17E-08	4.24E-06	1.67E-08
6904044143636	690404	4143636	RESIDENT	3.06E-03	4.98E-05	3.52E-03	2.36E-05	1.06E-06	1.72E-08	3.68E-06	2.46E-08
6904094143636	690409	4143636	RESIDENT	3.11E-03	4.80E-05	3.58E-03	2.27E-05	1.07E-06	1.66E-08	3.74E-06	2.37E-08
6904144143636	690414	4143636	RESIDENT	3.15E-03	4.63E-05	3.63E-03	2.19E-05	1.09E-06	1.60E-08	3.79E-06	2.29E-08
6904194143636	690419	4143636	RESIDENT	3.20E-03	4.47E-05	3.68E-03	2.11E-05	1.11E-06	1.55E-08	3.85E-06	2.21E-08
6904244143636	690424	4143636	RESIDENT	3.24E-03	4.32E-05	3.73E-03	2.04E-05	1.12E-06	1.49E-08	3.90E-06	2.13E-08
6904294143636	690429	4143636	RESIDENT	3.29E-03	4.17E-05	3.79E-03	1.97E-05	1.14E-06	1.44E-08	3.96E-06	2.06E-08
6904344143636	690434	4143636	RESIDENT	3.33E-03	4.04E-05	3.84E-03	1.91E-05	1.15E-06	1.40E-08	4.01E-06	2.00E-08
6904394143636	690439	4143636	RESIDENT	3.38E-03	3.91E-05	3.89E-03	1.85E-05	1.17E-06	1.36E-08	4.06E-06	1.94E-08
6904444143636	690444	4143636	RESIDENT	3.42E-03	3.80E-05	3.94E-03	1.80E-05	1.18E-06	1.31E-08	4.12E-06	1.88E-08
6904494143636	690449	4143636	RESIDENT	3.46E-03	3.68E-05	3.99E-03	1.74E-05	1.20E-06	1.28E-08	4.17E-06	1.82E-08
6904544143636	690454	4143636	RESIDENT	3.51E-03	3.58E-05	4.04E-03	1.69E-05	1.21E-06	1.24E-08	4.22E-06	1.77E-08
6904594143636	690459	4143636	RESIDENT	3.55E-03	3.48E-05	4.09E-03	1.64E-05	1.23E-06	1.20E-08	4.27E-06	1.72E-08
6904644143636	690464	4143636	RESIDENT	3.59E-03	3.38E-05	4.13E-03	1.60E-05	1.24E-06	1.17E-08	4.32E-06	1.67E-08
6904044143641	690404	4143641	RESIDENT	3.12E-03	5.01E-05	3.59E-03	2.37E-05	1.08E-06	1.73E-08	3.75E-06	2.48E-08
6904094143641	690409	4143641	RESIDENT	3.17E-03	4.82E-05	3.65E-03	2.28E-05	1.10E-06	1.67E-08	3.81E-06	2.38E-08
6904144143641	690414	4143641	RESIDENT	3.21E-03	4.65E-05	3.70E-03	2.20E-05	1.11E-06	1.61E-08	3.87E-06	2.30E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904194143641	690419	4143641	RESIDENT	3.26E-03	4.49E-05	3.75E-03	2.12E-05	1.13E-06	1.55E-08	3.92E-06	2.22E-08
6904244143641	690424	4143641	RESIDENT	3.31E-03	4.34E-05	3.81E-03	2.05E-05	1.14E-06	1.50E-08	3.98E-06	2.14E-08
6904294143641	690429	4143641	RESIDENT	3.35E-03	4.19E-05	3.86E-03	1.98E-05	1.16E-06	1.45E-08	4.03E-06	2.07E-08
6904344143641	690434	4143641	RESIDENT	3.40E-03	4.06E-05	3.91E-03	1.92E-05	1.18E-06	1.40E-08	4.09E-06	2.01E-08
6904394143641	690439	4143641	RESIDENT	3.44E-03	3.93E-05	3.96E-03	1.86E-05	1.19E-06	1.36E-08	4.14E-06	1.94E-08
6904444143641	690444	4143641	RESIDENT	3.49E-03	3.81E-05	4.01E-03	1.80E-05	1.21E-06	1.32E-08	4.19E-06	1.88E-08
6904494143641	690449	4143641	RESIDENT	3.53E-03	3.70E-05	4.06E-03	1.75E-05	1.22E-06	1.28E-08	4.25E-06	1.83E-08
6904544143641	690454	4143641	RESIDENT	3.57E-03	3.59E-05	4.11E-03	1.70E-05	1.24E-06	1.24E-08	4.30E-06	1.78E-08
6904594143641	690459	4143641	RESIDENT	3.61E-03	3.49E-05	4.16E-03	1.65E-05	1.25E-06	1.21E-08	4.35E-06	1.73E-08
6904644143641	690464	4143641	RESIDENT	3.66E-03	3.40E-05	4.21E-03	1.61E-05	1.27E-06	1.18E-08	4.40E-06	1.68E-08
6904044143646	690404	4143646	RESIDENT	3.18E-03	5.03E-05	3.66E-03	2.38E-05	1.10E-06	1.74E-08	3.83E-06	2.49E-08
6904094143646	690409	4143646	RESIDENT	3.23E-03	4.84E-05	3.72E-03	2.29E-05	1.12E-06	1.68E-08	3.88E-06	2.40E-08
6904144143646	690414	4143646	RESIDENT	3.28E-03	4.67E-05	3.77E-03	2.21E-05	1.13E-06	1.62E-08	3.94E-06	2.31E-08
6904194143646	690419	4143646	RESIDENT	3.32E-03	4.51E-05	3.83E-03	2.13E-05	1.15E-06	1.56E-08	4.00E-06	2.23E-08
6904244143646	690424	4143646	RESIDENT	3.37E-03	4.35E-05	3.88E-03	2.06E-05	1.17E-06	1.51E-08	4.06E-06	2.15E-08
6904294143646	690429	4143646	RESIDENT	3.42E-03	4.21E-05	3.93E-03	1.99E-05	1.18E-06	1.46E-08	4.11E-06	2.08E-08
6904344143646	690434	4143646	RESIDENT	3.46E-03	4.08E-05	3.99E-03	1.93E-05	1.20E-06	1.41E-08	4.17E-06	2.02E-08
6904394143646	690439	4143646	RESIDENT	3.51E-03	3.95E-05	4.04E-03	1.87E-05	1.21E-06	1.37E-08	4.22E-06	1.95E-08
6904444143646	690444	4143646	RESIDENT	3.55E-03	3.83E-05	4.09E-03	1.81E-05	1.23E-06	1.33E-08	4.27E-06	1.89E-08
6904494143646	690449	4143646	RESIDENT	3.60E-03	3.71E-05	4.14E-03	1.76E-05	1.24E-06	1.29E-08	4.33E-06	1.84E-08
6904544143646	690454	4143646	RESIDENT	3.64E-03	3.61E-05	4.19E-03	1.71E-05	1.26E-06	1.25E-08	4.38E-06	1.78E-08
6904594143646	690459	4143646	RESIDENT	3.68E-03	3.50E-05	4.24E-03	1.66E-05	1.27E-06	1.21E-08	4.43E-06	1.73E-08
6904644143646	690464	4143646	RESIDENT	3.72E-03	3.41E-05	4.29E-03	1.61E-05	1.29E-06	1.18E-08	4.48E-06	1.69E-08
6904044143651	690404	4143651	RESIDENT	3.24E-03	5.05E-05	3.73E-03	2.39E-05	1.12E-06	1.75E-08	3.90E-06	2.50E-08
6904094143651	690409	4143651	RESIDENT	3.29E-03	4.87E-05	3.79E-03	2.30E-05	1.14E-06	1.68E-08	3.96E-06	2.41E-08
6904144143651	690414	4143651	RESIDENT	3.34E-03	4.69E-05	3.85E-03	2.22E-05	1.16E-06	1.62E-08	4.02E-06	2.32E-08
6904194143651	690419	4143651	RESIDENT	3.39E-03	4.53E-05	3.90E-03	2.14E-05	1.17E-06	1.57E-08	4.08E-06	2.24E-08
6904244143651	690424	4143651	RESIDENT	3.43E-03	4.37E-05	3.96E-03	2.07E-05	1.19E-06	1.51E-08	4.13E-06	2.16E-08
6904294143651	690429	4143651	RESIDENT	3.48E-03	4.23E-05	4.01E-03	2.00E-05	1.21E-06	1.46E-08	4.19E-06	2.09E-08
6904344143651	690434	4143651	RESIDENT	3.53E-03	4.09E-05	4.06E-03	1.94E-05	1.22E-06	1.42E-08	4.25E-06	2.02E-08
6904394143651	690439	4143651	RESIDENT	3.57E-03	3.96E-05	4.12E-03	1.88E-05	1.24E-06	1.37E-08	4.30E-06	1.96E-08
6904444143651	690444	4143651	RESIDENT	3.62E-03	3.84E-05	4.17E-03	1.82E-05	1.25E-06	1.33E-08	4.36E-06	1.90E-08
6904494143651	690449	4143651	RESIDENT	3.66E-03	3.73E-05	4.22E-03	1.76E-05	1.27E-06	1.29E-08	4.41E-06	1.84E-08
6904544143651	690454	4143651	RESIDENT	3.71E-03	3.62E-05	4.27E-03	1.71E-05	1.28E-06	1.25E-08	4.46E-06	1.79E-08
6904594143651	690459	4143651	RESIDENT	3.75E-03	3.52E-05	4.32E-03	1.66E-05	1.30E-06	1.22E-08	4.51E-06	1.74E-08
6904644143651	690464	4143651	RESIDENT	3.79E-03	3.42E-05	4.37E-03	1.62E-05	1.31E-06	1.18E-08	4.57E-06	1.69E-08
6904044143656	690404	4143656	RESIDENT	3.31E-03	5.08E-05	3.81E-03	2.40E-05	1.14E-06	1.76E-08	3.98E-06	2.51E-08
6904094143656	690409	4143656	RESIDENT	3.36E-03	4.89E-05	3.86E-03	2.31E-05	1.16E-06	1.69E-08	4.04E-06	2.42E-08
6904144143656	690414	4143656	RESIDENT	3.41E-03	4.71E-05	3.92E-03	2.23E-05	1.18E-06	1.63E-08	4.10E-06	2.33E-08
6904194143656	690419	4143656	RESIDENT	3.45E-03	4.55E-05	3.98E-03	2.15E-05	1.20E-06	1.57E-08	4.16E-06	2.25E-08
6904244143656	690424	4143656	RESIDENT	3.50E-03	4.39E-05	4.03E-03	2.08E-05	1.21E-06	1.52E-08	4.21E-06	2.17E-08
6904294143656	690429	4143656	RESIDENT	3.55E-03	4.25E-05	4.09E-03	2.01E-05	1.23E-06	1.47E-08	4.27E-06	2.10E-08
6904344143656	690434	4143656	RESIDENT	3.60E-03	4.11E-05	4.14E-03	1.94E-05	1.25E-06	1.42E-08	4.33E-06	2.03E-08
6904394143656	690439	4143656	RESIDENT	3.64E-03	3.98E-05	4.20E-03	1.88E-05	1.26E-06	1.38E-08	4.38E-06	1.97E-08
6904444143656	690444	4143656	RESIDENT	3.69E-03	3.86E-05	4.25E-03	1.83E-05	1.28E-06	1.34E-08	4.44E-06	1.91E-08
6904494143656	690449	4143656	RESIDENT	3.73E-03	3.74E-05	4.30E-03	1.77E-05	1.29E-06	1.30E-08	4.49E-06	1.85E-08
6904544143656	690454	4143656	RESIDENT	3.78E-03	3.63E-05	4.35E-03	1.72E-05	1.31E-06	1.26E-08	4.55E-06	1.80E-08
6904594143656	690459	4143656	RESIDENT	3.82E-03	3.53E-05	4.40E-03	1.67E-05	1.32E-06	1.22E-08	4.60E-06	1.75E-08
6904644143656	690464	4143656	RESIDENT	3.86E-03	3.43E-05	4.45E-03	1.62E-05	1.34E-06	1.19E-08	4.65E-06	1.70E-08
6904044143661	690404	4143661	RESIDENT	3.37E-03	5.10E-05	3.88E-03	2.41E-05	1.17E-06	1.76E-08	4.06E-06	2.52E-08
6904094143661	690409	4143661	RESIDENT	3.42E-03	4.91E-05	3.94E-03	2.32E-05	1.18E-06	1.70E-08	4.12E-06	2.43E-08
6904144143661	690414	4143661	RESIDENT	3.47E-03	4.73E-05	4.00E-03	2.24E-05	1.20E-06	1.64E-08	4.18E-06	2.34E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904194143661	690419	4143661	RESIDENT	3.52E-03	4.56E-05	4.06E-03	2.16E-05	1.22E-06	1.58E-08	4.24E-06	2.26E-08
6904244143661	690424	4143661	RESIDENT	3.57E-03	4.41E-05	4.11E-03	2.09E-05	1.24E-06	1.53E-08	4.30E-06	2.18E-08
6904294143661	690429	4143661	RESIDENT	3.62E-03	4.26E-05	4.17E-03	2.02E-05	1.25E-06	1.48E-08	4.36E-06	2.11E-08
6904344143661	690434	4143661	RESIDENT	3.67E-03	4.13E-05	4.22E-03	1.95E-05	1.27E-06	1.43E-08	4.41E-06	2.04E-08
6904394143661	690439	4143661	RESIDENT	3.71E-03	4.00E-05	4.28E-03	1.89E-05	1.29E-06	1.38E-08	4.47E-06	1.98E-08
6904444143661	690444	4143661	RESIDENT	3.76E-03	3.87E-05	4.33E-03	1.83E-05	1.30E-06	1.34E-08	4.53E-06	1.91E-08
6904494143661	690449	4143661	RESIDENT	3.81E-03	3.76E-05	4.38E-03	1.78E-05	1.32E-06	1.30E-08	4.58E-06	1.86E-08
6904544143661	690454	4143661	RESIDENT	3.85E-03	3.65E-05	4.43E-03	1.73E-05	1.33E-06	1.26E-08	4.63E-06	1.80E-08
6904594143661	690459	4143661	RESIDENT	3.89E-03	3.54E-05	4.48E-03	1.68E-05	1.35E-06	1.23E-08	4.69E-06	1.75E-08
6904644143661	690464	4143661	RESIDENT	3.94E-03	3.45E-05	4.53E-03	1.63E-05	1.36E-06	1.19E-08	4.74E-06	1.70E-08
6904044143666	690404	4143666	RESIDENT	3.44E-03	5.12E-05	3.96E-03	2.42E-05	1.19E-06	1.77E-08	4.14E-06	2.53E-08
6904094143666	690409	4143666	RESIDENT	3.49E-03	4.93E-05	4.02E-03	2.33E-05	1.21E-06	1.71E-08	4.20E-06	2.44E-08
6904144143666	690414	4143666	RESIDENT	3.54E-03	4.75E-05	4.08E-03	2.25E-05	1.23E-06	1.64E-08	4.26E-06	2.35E-08
6904194143666	690419	4143666	RESIDENT	3.59E-03	4.58E-05	4.14E-03	2.17E-05	1.24E-06	1.59E-08	4.32E-06	2.27E-08
6904244143666	690424	4143666	RESIDENT	3.64E-03	4.43E-05	4.19E-03	2.09E-05	1.26E-06	1.53E-08	4.38E-06	2.19E-08
6904294143666	690429	4143666	RESIDENT	3.69E-03	4.28E-05	4.25E-03	2.02E-05	1.28E-06	1.48E-08	4.44E-06	2.12E-08
6904344143666	690434	4143666	RESIDENT	3.74E-03	4.14E-05	4.30E-03	1.96E-05	1.29E-06	1.43E-08	4.50E-06	2.05E-08
6904394143666	690439	4143666	RESIDENT	3.79E-03	4.01E-05	4.36E-03	1.90E-05	1.31E-06	1.39E-08	4.56E-06	1.98E-08
6904444143666	690444	4143666	RESIDENT	3.83E-03	3.89E-05	4.41E-03	1.84E-05	1.33E-06	1.35E-08	4.61E-06	1.92E-08
6904494143666	690449	4143666	RESIDENT	3.88E-03	3.77E-05	4.47E-03	1.78E-05	1.34E-06	1.31E-08	4.67E-06	1.86E-08
6904544143666	690454	4143666	RESIDENT	3.92E-03	3.66E-05	4.52E-03	1.73E-05	1.36E-06	1.27E-08	4.72E-06	1.81E-08
6904594143666	690459	4143666	RESIDENT	3.97E-03	3.56E-05	4.57E-03	1.68E-05	1.37E-06	1.23E-08	4.78E-06	1.76E-08
6904644143666	690464	4143666	RESIDENT	4.01E-03	3.46E-05	4.62E-03	1.64E-05	1.39E-06	1.20E-08	4.83E-06	1.71E-08
6904044143671	690404	4143671	RESIDENT	3.51E-03	5.14E-05	4.04E-03	2.43E-05	1.21E-06	1.78E-08	4.22E-06	2.54E-08
6904094143671	690409	4143671	RESIDENT	3.56E-03	4.95E-05	4.10E-03	2.34E-05	1.23E-06	1.71E-08	4.29E-06	2.45E-08
6904144143671	690414	4143671	RESIDENT	3.61E-03	4.77E-05	4.16E-03	2.26E-05	1.25E-06	1.65E-08	4.35E-06	2.36E-08
6904194143671	690419	4143671	RESIDENT	3.66E-03	4.60E-05	4.22E-03	2.18E-05	1.27E-06	1.59E-08	4.41E-06	2.27E-08
6904244143671	690424	4143671	RESIDENT	3.71E-03	4.44E-05	4.28E-03	2.10E-05	1.29E-06	1.54E-08	4.47E-06	2.20E-08
6904294143671	690429	4143671	RESIDENT	3.76E-03	4.30E-05	4.33E-03	2.03E-05	1.30E-06	1.49E-08	4.53E-06	2.12E-08
6904344143671	690434	4143671	RESIDENT	3.81E-03	4.16E-05	4.39E-03	1.97E-05	1.32E-06	1.44E-08	4.59E-06	2.05E-08
6904394143671	690439	4143671	RESIDENT	3.86E-03	4.03E-05	4.44E-03	1.90E-05	1.34E-06	1.39E-08	4.65E-06	1.99E-08
6904444143671	690444	4143671	RESIDENT	3.91E-03	3.90E-05	4.50E-03	1.85E-05	1.35E-06	1.35E-08	4.70E-06	1.93E-08
6904494143671	690449	4143671	RESIDENT	3.95E-03	3.78E-05	4.55E-03	1.79E-05	1.37E-06	1.31E-08	4.76E-06	1.87E-08
6904544143671	690454	4143671	RESIDENT	4.00E-03	3.67E-05	4.61E-03	1.74E-05	1.38E-06	1.27E-08	4.81E-06	1.82E-08
6904594143671	690459	4143671	RESIDENT	4.04E-03	3.57E-05	4.66E-03	1.69E-05	1.40E-06	1.24E-08	4.87E-06	1.76E-08
6904644143671	690464	4143671	RESIDENT	4.09E-03	3.47E-05	4.71E-03	1.64E-05	1.42E-06	1.20E-08	4.92E-06	1.72E-08
6904044143676	690404	4143676	RESIDENT	3.58E-03	5.16E-05	4.12E-03	2.44E-05	1.24E-06	1.79E-08	4.31E-06	2.55E-08
6904094143676	690409	4143676	RESIDENT	3.63E-03	4.97E-05	4.18E-03	2.35E-05	1.26E-06	1.72E-08	4.37E-06	2.46E-08
6904144143676	690414	4143676	RESIDENT	3.68E-03	4.79E-05	4.24E-03	2.26E-05	1.28E-06	1.66E-08	4.43E-06	2.37E-08
6904194143676	690419	4143676	RESIDENT	3.74E-03	4.62E-05	4.30E-03	2.18E-05	1.29E-06	1.60E-08	4.50E-06	2.28E-08
6904244143676	690424	4143676	RESIDENT	3.79E-03	4.46E-05	4.36E-03	2.11E-05	1.31E-06	1.54E-08	4.56E-06	2.20E-08
6904294143676	690429	4143676	RESIDENT	3.84E-03	4.31E-05	4.42E-03	2.04E-05	1.33E-06	1.49E-08	4.62E-06	2.13E-08
6904344143676	690434	4143676	RESIDENT	3.89E-03	4.17E-05	4.48E-03	1.97E-05	1.35E-06	1.44E-08	4.68E-06	2.06E-08
6904394143676	690439	4143676	RESIDENT	3.94E-03	4.04E-05	4.53E-03	1.91E-05	1.36E-06	1.40E-08	4.74E-06	2.00E-08
6904444143676	690444	4143676	RESIDENT	3.98E-03	3.92E-05	4.59E-03	1.85E-05	1.38E-06	1.36E-08	4.79E-06	1.94E-08
6904494143676	690449	4143676	RESIDENT	4.03E-03	3.80E-05	4.64E-03	1.80E-05	1.40E-06	1.31E-08	4.85E-06	1.88E-08
6904544143676	690454	4143676	RESIDENT	4.08E-03	3.69E-05	4.69E-03	1.74E-05	1.41E-06	1.28E-08	4.91E-06	1.82E-08
6904594143676	690459	4143676	RESIDENT	4.12E-03	3.58E-05	4.75E-03	1.69E-05	1.43E-06	1.24E-08	4.96E-06	1.77E-08
6904644143676	690464	4143676	RESIDENT	4.17E-03	3.48E-05	4.80E-03	1.65E-05	1.44E-06	1.21E-08	5.01E-06	1.72E-08
6904044143681	690404	4143681	RESIDENT	3.65E-03	5.18E-05	4.21E-03	2.45E-05	1.26E-06	1.79E-08	4.40E-06	2.56E-08
6904094143681	690409	4143681	RESIDENT	3.71E-03	4.98E-05	4.27E-03	2.36E-05	1.28E-06	1.73E-08	4.46E-06	2.46E-08
6904144143681	690414	4143681	RESIDENT	3.76E-03	4.80E-05	4.33E-03	2.27E-05	1.30E-06	1.66E-08	4.52E-06	2.37E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904194143681	690419	4143681	RESIDENT	3.81E-03	4.63E-05	4.39E-03	2.19E-05	1.32E-06	1.60E-08	4.59E-06	2.29E-08
6904244143681	690424	4143681	RESIDENT	3.86E-03	4.47E-05	4.45E-03	2.12E-05	1.34E-06	1.55E-08	4.65E-06	2.21E-08
6904294143681	690429	4143681	RESIDENT	3.91E-03	4.33E-05	4.51E-03	2.05E-05	1.35E-06	1.50E-08	4.71E-06	2.14E-08
6904344143681	690434	4143681	RESIDENT	3.96E-03	4.19E-05	4.56E-03	1.98E-05	1.37E-06	1.45E-08	4.77E-06	2.07E-08
6904394143681	690439	4143681	RESIDENT	4.01E-03	4.05E-05	4.62E-03	1.92E-05	1.39E-06	1.40E-08	4.83E-06	2.00E-08
6904444143681	690444	4143681	RESIDENT	4.06E-03	3.93E-05	4.68E-03	1.86E-05	1.41E-06	1.36E-08	4.89E-06	1.94E-08
6904494143681	690449	4143681	RESIDENT	4.11E-03	3.81E-05	4.73E-03	1.80E-05	1.42E-06	1.32E-08	4.95E-06	1.88E-08
6904544143681	690454	4143681	RESIDENT	4.16E-03	3.70E-05	4.79E-03	1.75E-05	1.44E-06	1.28E-08	5.00E-06	1.83E-08
6904594143681	690459	4143681	RESIDENT	4.20E-03	3.59E-05	4.84E-03	1.70E-05	1.45E-06	1.24E-08	5.06E-06	1.78E-08
6904644143681	690464	4143681	RESIDENT	4.25E-03	3.49E-05	4.89E-03	1.65E-05	1.47E-06	1.21E-08	5.11E-06	1.73E-08
6904044143686	690404	4143686	RESIDENT	3.73E-03	5.20E-05	4.29E-03	2.46E-05	1.29E-06	1.80E-08	4.49E-06	2.57E-08
6904094143686	690409	4143686	RESIDENT	3.78E-03	5.00E-05	4.35E-03	2.37E-05	1.31E-06	1.73E-08	4.55E-06	2.47E-08
6904144143686	690414	4143686	RESIDENT	3.84E-03	4.82E-05	4.42E-03	2.28E-05	1.33E-06	1.67E-08	4.62E-06	2.38E-08
6904194143686	690419	4143686	RESIDENT	3.89E-03	4.65E-05	4.48E-03	2.20E-05	1.35E-06	1.61E-08	4.68E-06	2.30E-08
6904244143686	690424	4143686	RESIDENT	3.94E-03	4.49E-05	4.54E-03	2.12E-05	1.36E-06	1.55E-08	4.74E-06	2.22E-08
6904294143686	690429	4143686	RESIDENT	3.99E-03	4.34E-05	4.60E-03	2.05E-05	1.38E-06	1.50E-08	4.81E-06	2.15E-08
6904344143686	690434	4143686	RESIDENT	4.04E-03	4.20E-05	4.66E-03	1.99E-05	1.40E-06	1.45E-08	4.87E-06	2.08E-08
6904394143686	690439	4143686	RESIDENT	4.09E-03	4.07E-05	4.71E-03	1.92E-05	1.42E-06	1.41E-08	4.93E-06	2.01E-08
6904444143686	690444	4143686	RESIDENT	4.14E-03	3.94E-05	4.77E-03	1.86E-05	1.43E-06	1.36E-08	4.99E-06	1.95E-08
6904494143686	690449	4143686	RESIDENT	4.19E-03	3.82E-05	4.82E-03	1.81E-05	1.45E-06	1.32E-08	5.04E-06	1.89E-08
6904544143686	690454	4143686	RESIDENT	4.24E-03	3.71E-05	4.88E-03	1.76E-05	1.47E-06	1.28E-08	5.10E-06	1.83E-08
6904594143686	690459	4143686	RESIDENT	4.28E-03	3.60E-05	4.93E-03	1.70E-05	1.48E-06	1.25E-08	5.15E-06	1.78E-08
6904644143686	690464	4143686	RESIDENT	4.33E-03	3.50E-05	4.98E-03	1.66E-05	1.50E-06	1.21E-08	5.21E-06	1.73E-08
6904044143691	690404	4143691	RESIDENT	3.80E-03	5.21E-05	4.38E-03	2.47E-05	1.32E-06	1.80E-08	4.58E-06	2.58E-08
6904094143691	690409	4143691	RESIDENT	3.86E-03	5.02E-05	4.44E-03	2.37E-05	1.34E-06	1.74E-08	4.64E-06	2.48E-08
6904144143691	690414	4143691	RESIDENT	3.91E-03	4.84E-05	4.51E-03	2.29E-05	1.35E-06	1.67E-08	4.71E-06	2.39E-08
6904194143691	690419	4143691	RESIDENT	3.97E-03	4.66E-05	4.57E-03	2.21E-05	1.37E-06	1.61E-08	4.78E-06	2.31E-08
6904244143691	690424	4143691	RESIDENT	4.02E-03	4.50E-05	4.63E-03	2.13E-05	1.39E-06	1.56E-08	4.84E-06	2.23E-08
6904294143691	690429	4143691	RESIDENT	4.07E-03	4.35E-05	4.69E-03	2.06E-05	1.41E-06	1.51E-08	4.90E-06	2.15E-08
6904344143691	690434	4143691	RESIDENT	4.12E-03	4.21E-05	4.75E-03	1.99E-05	1.43E-06	1.46E-08	4.96E-06	2.08E-08
6904394143691	690439	4143691	RESIDENT	4.17E-03	4.08E-05	4.81E-03	1.93E-05	1.45E-06	1.41E-08	5.02E-06	2.02E-08
6904444143691	690444	4143691	RESIDENT	4.22E-03	3.95E-05	4.86E-03	1.87E-05	1.46E-06	1.37E-08	5.08E-06	1.95E-08
6904494143691	690449	4143691	RESIDENT	4.27E-03	3.83E-05	4.92E-03	1.81E-05	1.48E-06	1.33E-08	5.14E-06	1.90E-08
6904544143691	690454	4143691	RESIDENT	4.32E-03	3.72E-05	4.97E-03	1.76E-05	1.50E-06	1.29E-08	5.20E-06	1.84E-08
6904594143691	690459	4143691	RESIDENT	4.37E-03	3.62E-05	5.03E-03	1.71E-05	1.51E-06	1.25E-08	5.25E-06	1.79E-08
6904644143691	690464	4143691	RESIDENT	4.41E-03	3.51E-05	5.08E-03	1.66E-05	1.53E-06	1.22E-08	5.31E-06	1.74E-08
6904044143696	690404	4143696	RESIDENT	3.88E-03	5.23E-05	4.47E-03	2.47E-05	1.34E-06	1.81E-08	4.67E-06	2.59E-08
6904094143696	690409	4143696	RESIDENT	3.94E-03	5.03E-05	4.54E-03	2.38E-05	1.36E-06	1.74E-08	4.74E-06	2.49E-08
6904144143696	690414	4143696	RESIDENT	3.99E-03	4.85E-05	4.60E-03	2.29E-05	1.38E-06	1.68E-08	4.81E-06	2.40E-08
6904194143696	690419	4143696	RESIDENT	4.05E-03	4.68E-05	4.66E-03	2.21E-05	1.40E-06	1.62E-08	4.87E-06	2.31E-08
6904244143696	690424	4143696	RESIDENT	4.10E-03	4.52E-05	4.72E-03	2.14E-05	1.42E-06	1.56E-08	4.94E-06	2.23E-08
6904294143696	690429	4143696	RESIDENT	4.16E-03	4.37E-05	4.78E-03	2.07E-05	1.44E-06	1.51E-08	5.00E-06	2.16E-08
6904344143696	690434	4143696	RESIDENT	4.21E-03	4.23E-05	4.84E-03	2.00E-05	1.46E-06	1.46E-08	5.06E-06	2.09E-08
6904394143696	690439	4143696	RESIDENT	4.26E-03	4.09E-05	4.90E-03	1.94E-05	1.47E-06	1.42E-08	5.12E-06	2.02E-08
6904444143696	690444	4143696	RESIDENT	4.31E-03	3.97E-05	4.96E-03	1.88E-05	1.49E-06	1.37E-08	5.18E-06	1.96E-08
6904494143696	690449	4143696	RESIDENT	4.36E-03	3.85E-05	5.02E-03	1.82E-05	1.51E-06	1.33E-08	5.24E-06	1.90E-08
6904544143696	690454	4143696	RESIDENT	4.40E-03	3.73E-05	5.07E-03	1.77E-05	1.52E-06	1.29E-08	5.30E-06	1.85E-08
6904594143696	690459	4143696	RESIDENT	4.45E-03	3.63E-05	5.13E-03	1.72E-05	1.54E-06	1.26E-08	5.36E-06	1.79E-08
6904644143696	690464	4143696	RESIDENT	4.50E-03	3.52E-05	5.18E-03	1.67E-05	1.56E-06	1.22E-08	5.41E-06	1.74E-08
6904044143701	690404	4143701	RESIDENT	3.96E-03	5.25E-05	4.56E-03	2.48E-05	1.37E-06	1.82E-08	4.77E-06	2.59E-08
6904094143701	690409	4143701	RESIDENT	4.02E-03	5.05E-05	4.63E-03	2.39E-05	1.39E-06	1.75E-08	4.84E-06	2.50E-08
6904144143701	690414	4143701	RESIDENT	4.08E-03	4.87E-05	4.69E-03	2.30E-05	1.41E-06	1.68E-08	4.91E-06	2.41E-08

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6904194143701	690419	4143701	RESIDENT	4.13E-03	4.69E-05	4.76E-03	2.22E-05	1.43E-06	1.62E-08	4.97E-06	2.32E-08
6904244143701	690424	4143701	RESIDENT	4.19E-03	4.53E-05	4.82E-03	2.14E-05	1.45E-06	1.57E-08	5.04E-06	2.24E-08
6904294143701	690429	4143701	RESIDENT	4.24E-03	4.38E-05	4.88E-03	2.07E-05	1.47E-06	1.52E-08	5.10E-06	2.17E-08
6904344143701	690434	4143701	RESIDENT	4.29E-03	4.24E-05	4.94E-03	2.01E-05	1.49E-06	1.47E-08	5.17E-06	2.10E-08
6904394143701	690439	4143701	RESIDENT	4.34E-03	4.10E-05	5.00E-03	1.94E-05	1.50E-06	1.42E-08	5.23E-06	2.03E-08
6904444143701	690444	4143701	RESIDENT	4.39E-03	3.98E-05	5.06E-03	1.88E-05	1.52E-06	1.38E-08	5.29E-06	1.97E-08
6904494143701	690449	4143701	RESIDENT	4.44E-03	3.86E-05	5.12E-03	1.82E-05	1.54E-06	1.34E-08	5.35E-06	1.91E-08
6904544143701	690454	4143701	RESIDENT	4.49E-03	3.74E-05	5.17E-03	1.77E-05	1.55E-06	1.30E-08	5.41E-06	1.85E-08
6904594143701	690459	4143701	RESIDENT	4.54E-03	3.64E-05	5.23E-03	1.72E-05	1.57E-06	1.26E-08	5.46E-06	1.80E-08
6904644143701	690464	4143701	RESIDENT	4.58E-03	3.53E-05	5.28E-03	1.67E-05	1.59E-06	1.22E-08	5.52E-06	1.75E-08
6906464143596	690646	4143596	RESIDENT	3.94E-03	1.60E-05	4.54E-03	7.56E-06	1.37E-06	5.53E-09	4.75E-06	7.90E-09
6906514143596	690651	4143596	RESIDENT	3.95E-03	1.58E-05	4.55E-03	7.45E-06	1.37E-06	5.45E-09	4.75E-06	7.79E-09
6906564143596	690656	4143596	RESIDENT	3.95E-03	1.55E-05	4.55E-03	7.34E-06	1.37E-06	5.37E-09	4.76E-06	7.68E-09
6906614143596	690661	4143596	RESIDENT	3.96E-03	1.53E-05	4.56E-03	7.24E-06	1.37E-06	5.30E-09	4.76E-06	7.57E-09
6906664143596	690666	4143596	RESIDENT	3.96E-03	1.51E-05	4.56E-03	7.14E-06	1.37E-06	5.22E-09	4.77E-06	7.46E-09
6906714143596	690671	4143596	RESIDENT	3.96E-03	1.49E-05	4.56E-03	7.04E-06	1.37E-06	5.15E-09	4.77E-06	7.36E-09
6906764143596	690676	4143596	RESIDENT	3.96E-03	1.47E-05	4.56E-03	6.94E-06	1.37E-06	5.08E-09	4.77E-06	7.26E-09
6906814143596	690681	4143596	RESIDENT	3.96E-03	1.45E-05	4.56E-03	6.85E-06	1.37E-06	5.01E-09	4.77E-06	7.16E-09
6906864143596	690686	4143596	RESIDENT	3.96E-03	1.43E-05	4.56E-03	6.76E-06	1.37E-06	4.94E-09	4.77E-06	7.06E-09
6906914143596	690691	4143596	RESIDENT	3.96E-03	1.41E-05	4.56E-03	6.67E-06	1.37E-06	4.88E-09	4.76E-06	6.97E-09
6906964143596	690696	4143596	RESIDENT	3.96E-03	1.39E-05	4.55E-03	6.58E-06	1.37E-06	4.82E-09	4.76E-06	6.88E-09
6907014143596	690701	4143596	RESIDENT	3.95E-03	1.37E-05	4.55E-03	6.49E-06	1.37E-06	4.75E-09	4.76E-06	6.79E-09
6907064143596	690706	4143596	RESIDENT	3.95E-03	1.36E-05	4.54E-03	6.41E-06	1.37E-06	4.69E-09	4.75E-06	6.70E-09
6907114143596	690711	4143596	RESIDENT	3.94E-03	1.34E-05	4.54E-03	6.33E-06	1.36E-06	4.63E-09	4.74E-06	6.62E-09
6906464143601	690646	4143601	RESIDENT	4.00E-03	1.60E-05	4.60E-03	7.58E-06	1.38E-06	5.55E-09	4.81E-06	7.92E-09
6906514143601	690651	4143601	RESIDENT	4.00E-03	1.58E-05	4.61E-03	7.47E-06	1.38E-06	5.47E-09	4.82E-06	7.81E-09
6906564143601	690656	4143601	RESIDENT	4.00E-03	1.56E-05	4.61E-03	7.36E-06	1.39E-06	5.39E-09	4.82E-06	7.70E-09
6906614143601	690661	4143601	RESIDENT	4.01E-03	1.53E-05	4.61E-03	7.26E-06	1.39E-06	5.31E-09	4.82E-06	7.59E-09
6906664143601	690666	4143601	RESIDENT	4.01E-03	1.51E-05	4.62E-03	7.16E-06	1.39E-06	5.24E-09	4.83E-06	7.48E-09
6906714143601	690671	4143601	RESIDENT	4.01E-03	1.49E-05	4.62E-03	7.06E-06	1.39E-06	5.16E-09	4.83E-06	7.37E-09
6906764143601	690676	4143601	RESIDENT	4.01E-03	1.47E-05	4.62E-03	6.96E-06	1.39E-06	5.09E-09	4.83E-06	7.27E-09
6906814143601	690681	4143601	RESIDENT	4.01E-03	1.45E-05	4.62E-03	6.86E-06	1.39E-06	5.02E-09	4.83E-06	7.17E-09
6906864143601	690686	4143601	RESIDENT	4.01E-03	1.43E-05	4.61E-03	6.77E-06	1.39E-06	4.96E-09	4.82E-06	7.08E-09
6906914143601	690691	4143601	RESIDENT	4.00E-03	1.41E-05	4.61E-03	6.68E-06	1.39E-06	4.89E-09	4.82E-06	6.98E-09
6906964143601	690696	4143601	RESIDENT	4.00E-03	1.39E-05	4.61E-03	6.59E-06	1.38E-06	4.83E-09	4.82E-06	6.89E-09
6907014143601	690701	4143601	RESIDENT	4.00E-03	1.38E-05	4.60E-03	6.51E-06	1.38E-06	4.76E-09	4.81E-06	6.80E-09
6907064143601	690706	4143601	RESIDENT	3.99E-03	1.36E-05	4.59E-03	6.42E-06	1.38E-06	4.70E-09	4.80E-06	6.71E-09
6907114143601	690711	4143601	RESIDENT	3.98E-03	1.34E-05	4.59E-03	6.34E-06	1.38E-06	4.64E-09	4.79E-06	6.63E-09
6906464143606	690646	4143606	RESIDENT	4.05E-03	1.61E-05	4.66E-03	7.60E-06	1.40E-06	5.56E-09	4.87E-06	7.94E-09
6906514143606	690651	4143606	RESIDENT	4.05E-03	1.58E-05	4.67E-03	7.49E-06	1.40E-06	5.48E-09	4.88E-06	7.83E-09
6906564143606	690656	4143606	RESIDENT	4.06E-03	1.56E-05	4.67E-03	7.38E-06	1.40E-06	5.40E-09	4.88E-06	7.71E-09
6906614143606	690661	4143606	RESIDENT	4.06E-03	1.54E-05	4.67E-03	7.27E-06	1.40E-06	5.32E-09	4.88E-06	7.60E-09
6906664143606	690666	4143606	RESIDENT	4.06E-03	1.52E-05	4.67E-03	7.17E-06	1.41E-06	5.25E-09	4.89E-06	7.50E-09
6906714143606	690671	4143606	RESIDENT	4.06E-03	1.49E-05	4.67E-03	7.07E-06	1.41E-06	5.18E-09	4.89E-06	7.39E-09
6906764143606	690676	4143606	RESIDENT	4.06E-03	1.47E-05	4.67E-03	6.97E-06	1.41E-06	5.10E-09	4.89E-06	7.29E-09
6906814143606	690681	4143606	RESIDENT	4.06E-03	1.45E-05	4.67E-03	6.88E-06	1.40E-06	5.03E-09	4.88E-06	7.19E-09
6906864143606	690686	4143606	RESIDENT	4.05E-03	1.43E-05	4.67E-03	6.79E-06	1.40E-06	4.97E-09	4.88E-06	7.09E-09
6906914143606	690691	4143606	RESIDENT	4.05E-03	1.42E-05	4.66E-03	6.70E-06	1.40E-06	4.90E-09	4.88E-06	7.00E-09
6906964143606	690696	4143606	RESIDENT	4.05E-03	1.40E-05	4.66E-03	6.61E-06	1.40E-06	4.84E-09	4.87E-06	6.91E-09
6907014143606	690701	4143606	RESIDENT	4.04E-03	1.38E-05	4.65E-03	6.52E-06	1.40E-06	4.77E-09	4.86E-06	6.82E-09
6907064143606	690706	4143606	RESIDENT	4.03E-03	1.36E-05	4.65E-03	6.44E-06	1.40E-06	4.71E-09	4.86E-06	6.73E-09
6907114143606	690711	4143606	RESIDENT	4.03E-03	1.34E-05	4.64E-03	6.36E-06	1.39E-06	4.65E-09	4.85E-06	6.64E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6906464143611	690646	4143611	RESIDENT	4.10E-03	1.61E-05	4.72E-03	7.62E-06	1.42E-06	5.58E-09	4.94E-06	7.96E-09
6906514143611	690651	4143611	RESIDENT	4.11E-03	1.59E-05	4.73E-03	7.51E-06	1.42E-06	5.49E-09	4.94E-06	7.85E-09
6906564143611	690656	4143611	RESIDENT	4.11E-03	1.56E-05	4.73E-03	7.40E-06	1.42E-06	5.41E-09	4.94E-06	7.73E-09
6906614143611	690661	4143611	RESIDENT	4.11E-03	1.54E-05	4.73E-03	7.29E-06	1.42E-06	5.34E-09	4.95E-06	7.62E-09
6906664143611	690666	4143611	RESIDENT	4.11E-03	1.52E-05	4.73E-03	7.19E-06	1.42E-06	5.26E-09	4.95E-06	7.51E-09
6906714143611	690671	4143611	RESIDENT	4.11E-03	1.50E-05	4.73E-03	7.09E-06	1.42E-06	5.19E-09	4.95E-06	7.41E-09
6906764143611	690676	4143611	RESIDENT	4.11E-03	1.48E-05	4.73E-03	6.99E-06	1.42E-06	5.12E-09	4.94E-06	7.31E-09
6906814143611	690681	4143611	RESIDENT	4.11E-03	1.46E-05	4.73E-03	6.89E-06	1.42E-06	5.05E-09	4.94E-06	7.21E-09
6906864143611	690686	4143611	RESIDENT	4.10E-03	1.44E-05	4.72E-03	6.80E-06	1.42E-06	4.98E-09	4.94E-06	7.11E-09
6906914143611	690691	4143611	RESIDENT	4.10E-03	1.42E-05	4.72E-03	6.71E-06	1.42E-06	4.91E-09	4.93E-06	7.01E-09
6906964143611	690696	4143611	RESIDENT	4.09E-03	1.40E-05	4.71E-03	6.62E-06	1.42E-06	4.85E-09	4.92E-06	6.92E-09
6907014143611	690701	4143611	RESIDENT	4.09E-03	1.38E-05	4.70E-03	6.54E-06	1.41E-06	4.78E-09	4.92E-06	6.83E-09
6907064143611	690706	4143611	RESIDENT	4.08E-03	1.36E-05	4.70E-03	6.45E-06	1.41E-06	4.72E-09	4.91E-06	6.74E-09
6907114143611	690711	4143611	RESIDENT	4.07E-03	1.35E-05	4.69E-03	6.37E-06	1.41E-06	4.66E-09	4.90E-06	6.66E-09
6906464143616	690646	4143616	RESIDENT	4.16E-03	1.61E-05	4.79E-03	7.64E-06	1.44E-06	5.59E-09	5.00E-06	7.98E-09
6906514143616	690651	4143616	RESIDENT	4.16E-03	1.59E-05	4.79E-03	7.52E-06	1.44E-06	5.51E-09	5.01E-06	7.86E-09
6906564143616	690656	4143616	RESIDENT	4.16E-03	1.57E-05	4.79E-03	7.41E-06	1.44E-06	5.43E-09	5.01E-06	7.75E-09
6906614143616	690661	4143616	RESIDENT	4.16E-03	1.54E-05	4.79E-03	7.31E-06	1.44E-06	5.35E-09	5.01E-06	7.64E-09
6906664143616	690666	4143616	RESIDENT	4.16E-03	1.52E-05	4.79E-03	7.20E-06	1.44E-06	5.27E-09	5.01E-06	7.53E-09
6906714143616	690671	4143616	RESIDENT	4.16E-03	1.50E-05	4.79E-03	7.10E-06	1.44E-06	5.20E-09	5.01E-06	7.42E-09
6906764143616	690676	4143616	RESIDENT	4.16E-03	1.48E-05	4.79E-03	7.00E-06	1.44E-06	5.13E-09	5.00E-06	7.32E-09
6906814143616	690681	4143616	RESIDENT	4.15E-03	1.46E-05	4.78E-03	6.91E-06	1.44E-06	5.06E-09	5.00E-06	7.22E-09
6906864143616	690686	4143616	RESIDENT	4.15E-03	1.44E-05	4.78E-03	6.82E-06	1.44E-06	4.99E-09	4.99E-06	7.12E-09
6906914143616	690691	4143616	RESIDENT	4.14E-03	1.42E-05	4.77E-03	6.72E-06	1.43E-06	4.92E-09	4.99E-06	7.03E-09
6906964143616	690696	4143616	RESIDENT	4.14E-03	1.40E-05	4.77E-03	6.64E-06	1.43E-06	4.86E-09	4.98E-06	6.94E-09
6907014143616	690701	4143616	RESIDENT	4.13E-03	1.38E-05	4.76E-03	6.55E-06	1.43E-06	4.79E-09	4.97E-06	6.84E-09
6907064143616	690706	4143616	RESIDENT	4.12E-03	1.37E-05	4.75E-03	6.46E-06	1.43E-06	4.73E-09	4.96E-06	6.76E-09
6907114143616	690711	4143616	RESIDENT	4.11E-03	1.35E-05	4.74E-03	6.38E-06	1.42E-06	4.67E-09	4.95E-06	6.67E-09
6906464143621	690646	4143621	RESIDENT	4.21E-03	1.62E-05	4.85E-03	7.65E-06	1.46E-06	5.60E-09	5.07E-06	8.00E-09
6906514143621	690651	4143621	RESIDENT	4.21E-03	1.59E-05	4.85E-03	7.54E-06	1.46E-06	5.52E-09	5.07E-06	7.88E-09
6906564143621	690656	4143621	RESIDENT	4.21E-03	1.57E-05	4.85E-03	7.43E-06	1.46E-06	5.44E-09	5.07E-06	7.77E-09
6906614143621	690661	4143621	RESIDENT	4.21E-03	1.55E-05	4.85E-03	7.32E-06	1.46E-06	5.36E-09	5.07E-06	7.65E-09
6906664143621	690666	4143621	RESIDENT	4.21E-03	1.53E-05	4.85E-03	7.22E-06	1.46E-06	5.28E-09	5.07E-06	7.55E-09
6906714143621	690671	4143621	RESIDENT	4.21E-03	1.50E-05	4.85E-03	7.12E-06	1.46E-06	5.21E-09	5.07E-06	7.44E-09
6906764143621	690676	4143621	RESIDENT	4.21E-03	1.48E-05	4.84E-03	7.02E-06	1.46E-06	5.14E-09	5.06E-06	7.34E-09
6906814143621	690681	4143621	RESIDENT	4.20E-03	1.46E-05	4.84E-03	6.92E-06	1.45E-06	5.07E-09	5.06E-06	7.24E-09
6906864143621	690686	4143621	RESIDENT	4.20E-03	1.44E-05	4.83E-03	6.83E-06	1.45E-06	5.00E-09	5.05E-06	7.14E-09
6906914143621	690691	4143621	RESIDENT	4.19E-03	1.42E-05	4.83E-03	6.74E-06	1.45E-06	4.93E-09	5.05E-06	7.04E-09
6906964143621	690696	4143621	RESIDENT	4.18E-03	1.41E-05	4.82E-03	6.65E-06	1.45E-06	4.87E-09	5.04E-06	6.95E-09
6907014143621	690701	4143621	RESIDENT	4.18E-03	1.39E-05	4.81E-03	6.56E-06	1.45E-06	4.80E-09	5.03E-06	6.86E-09
6907064143621	690706	4143621	RESIDENT	4.17E-03	1.37E-05	4.80E-03	6.48E-06	1.44E-06	4.74E-09	5.02E-06	6.77E-09
6907114143621	690711	4143621	RESIDENT	4.16E-03	1.35E-05	4.79E-03	6.39E-06	1.44E-06	4.68E-09	5.00E-06	6.68E-09
6906464143626	690646	4143626	RESIDENT	4.27E-03	1.62E-05	4.91E-03	7.67E-06	1.48E-06	5.61E-09	5.13E-06	8.02E-09
6906514143626	690651	4143626	RESIDENT	4.27E-03	1.60E-05	4.91E-03	7.56E-06	1.48E-06	5.53E-09	5.14E-06	7.90E-09
6906564143626	690656	4143626	RESIDENT	4.27E-03	1.57E-05	4.91E-03	7.45E-06	1.48E-06	5.45E-09	5.14E-06	7.78E-09
6906614143626	690661	4143626	RESIDENT	4.27E-03	1.55E-05	4.91E-03	7.34E-06	1.48E-06	5.37E-09	5.13E-06	7.67E-09
6906664143626	690666	4143626	RESIDENT	4.26E-03	1.53E-05	4.91E-03	7.24E-06	1.48E-06	5.29E-09	5.13E-06	7.56E-09
6906714143626	690671	4143626	RESIDENT	4.26E-03	1.51E-05	4.91E-03	7.13E-06	1.48E-06	5.22E-09	5.13E-06	7.46E-09
6906764143626	690676	4143626	RESIDENT	4.26E-03	1.49E-05	4.90E-03	7.03E-06	1.47E-06	5.15E-09	5.12E-06	7.35E-09
6906814143626	690681	4143626	RESIDENT	4.25E-03	1.47E-05	4.90E-03	6.94E-06	1.47E-06	5.08E-09	5.12E-06	7.25E-09
6906864143626	690686	4143626	RESIDENT	4.25E-03	1.45E-05	4.89E-03	6.84E-06	1.47E-06	5.01E-09	5.11E-06	7.15E-09
6906914143626	690691	4143626	RESIDENT	4.24E-03	1.43E-05	4.88E-03	6.75E-06	1.47E-06	4.94E-09	5.10E-06	7.06E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6906964143626	690696	4143626	RESIDENT	4.23E-03	1.41E-05	4.87E-03	6.66E-06	1.46E-06	4.88E-09	5.09E-06	6.96E-09
6907014143626	690701	4143626	RESIDENT	4.22E-03	1.39E-05	4.86E-03	6.57E-06	1.46E-06	4.81E-09	5.08E-06	6.87E-09
6907064143626	690706	4143626	RESIDENT	4.21E-03	1.37E-05	4.85E-03	6.49E-06	1.46E-06	4.75E-09	5.07E-06	6.78E-09
6907114143626	690711	4143626	RESIDENT	4.20E-03	1.35E-05	4.84E-03	6.40E-06	1.45E-06	4.69E-09	5.06E-06	6.69E-09
6906464143631	690646	4143631	RESIDENT	4.32E-03	1.63E-05	4.98E-03	7.69E-06	1.50E-06	5.63E-09	5.20E-06	8.04E-09
6906514143631	690651	4143631	RESIDENT	4.32E-03	1.60E-05	4.98E-03	7.57E-06	1.50E-06	5.54E-09	5.20E-06	7.92E-09
6906564143631	690656	4143631	RESIDENT	4.32E-03	1.58E-05	4.98E-03	7.46E-06	1.50E-06	5.46E-09	5.20E-06	7.80E-09
6906614143631	690661	4143631	RESIDENT	4.32E-03	1.56E-05	4.97E-03	7.36E-06	1.50E-06	5.38E-09	5.20E-06	7.69E-09
6906664143631	690666	4143631	RESIDENT	4.32E-03	1.53E-05	4.97E-03	7.25E-06	1.49E-06	5.31E-09	5.19E-06	7.58E-09
6906714143631	690671	4143631	RESIDENT	4.31E-03	1.51E-05	4.97E-03	7.15E-06	1.49E-06	5.23E-09	5.19E-06	7.47E-09
6906764143631	690676	4143631	RESIDENT	4.31E-03	1.49E-05	4.96E-03	7.05E-06	1.49E-06	5.16E-09	5.18E-06	7.37E-09
6906814143631	690681	4143631	RESIDENT	4.30E-03	1.47E-05	4.95E-03	6.95E-06	1.49E-06	5.09E-09	5.18E-06	7.27E-09
6906864143631	690686	4143631	RESIDENT	4.30E-03	1.45E-05	4.95E-03	6.86E-06	1.49E-06	5.02E-09	5.17E-06	7.17E-09
6906914143631	690691	4143631	RESIDENT	4.29E-03	1.43E-05	4.94E-03	6.76E-06	1.48E-06	4.95E-09	5.16E-06	7.07E-09
6906964143631	690696	4143631	RESIDENT	4.28E-03	1.41E-05	4.93E-03	6.67E-06	1.48E-06	4.88E-09	5.15E-06	6.98E-09
6907014143631	690701	4143631	RESIDENT	4.27E-03	1.39E-05	4.92E-03	6.59E-06	1.48E-06	4.82E-09	5.14E-06	6.88E-09
6907064143631	690706	4143631	RESIDENT	4.26E-03	1.37E-05	4.90E-03	6.50E-06	1.47E-06	4.76E-09	5.12E-06	6.79E-09
6907114143631	690711	4143631	RESIDENT	4.25E-03	1.36E-05	4.89E-03	6.42E-06	1.47E-06	4.70E-09	5.11E-06	6.71E-09
6906464143636	690646	4143636	RESIDENT	4.38E-03	1.63E-05	5.04E-03	7.71E-06	1.52E-06	5.64E-09	5.27E-06	8.05E-09
6906514143636	690651	4143636	RESIDENT	4.38E-03	1.60E-05	5.04E-03	7.59E-06	1.51E-06	5.56E-09	5.27E-06	7.93E-09
6906564143636	690656	4143636	RESIDENT	4.38E-03	1.58E-05	5.04E-03	7.48E-06	1.51E-06	5.47E-09	5.27E-06	7.82E-09
6906614143636	690661	4143636	RESIDENT	4.37E-03	1.56E-05	5.04E-03	7.37E-06	1.51E-06	5.39E-09	5.26E-06	7.70E-09
6906664143636	690666	4143636	RESIDENT	4.37E-03	1.54E-05	5.03E-03	7.27E-06	1.51E-06	5.32E-09	5.26E-06	7.59E-09
6906714143636	690671	4143636	RESIDENT	4.36E-03	1.51E-05	5.03E-03	7.16E-06	1.51E-06	5.24E-09	5.25E-06	7.49E-09
6906764143636	690676	4143636	RESIDENT	4.36E-03	1.49E-05	5.02E-03	7.06E-06	1.51E-06	5.17E-09	5.25E-06	7.38E-09
6906814143636	690681	4143636	RESIDENT	4.35E-03	1.47E-05	5.01E-03	6.97E-06	1.51E-06	5.10E-09	5.24E-06	7.28E-09
6906864143636	690686	4143636	RESIDENT	4.34E-03	1.45E-05	5.00E-03	6.87E-06	1.50E-06	5.03E-09	5.23E-06	7.18E-09
6906914143636	690691	4143636	RESIDENT	4.34E-03	1.43E-05	4.99E-03	6.78E-06	1.50E-06	4.96E-09	5.22E-06	7.08E-09
6906964143636	690696	4143636	RESIDENT	4.33E-03	1.41E-05	4.98E-03	6.69E-06	1.50E-06	4.89E-09	5.21E-06	6.99E-09
6907014143636	690701	4143636	RESIDENT	4.31E-03	1.40E-05	4.97E-03	6.60E-06	1.49E-06	4.83E-09	5.19E-06	6.90E-09
6907064143636	690706	4143636	RESIDENT	4.30E-03	1.38E-05	4.96E-03	6.51E-06	1.49E-06	4.77E-09	5.18E-06	6.81E-09
6907114143636	690711	4143636	RESIDENT	4.29E-03	1.36E-05	4.94E-03	6.43E-06	1.49E-06	4.70E-09	5.16E-06	6.72E-09
6906464143641	690646	4143641	RESIDENT	4.43E-03	1.63E-05	5.11E-03	7.72E-06	1.53E-06	5.65E-09	5.34E-06	8.07E-09
6906514143641	690651	4143641	RESIDENT	4.43E-03	1.61E-05	5.10E-03	7.61E-06	1.53E-06	5.57E-09	5.33E-06	7.95E-09
6906564143641	690656	4143641	RESIDENT	4.43E-03	1.58E-05	5.10E-03	7.50E-06	1.53E-06	5.48E-09	5.33E-06	7.83E-09
6906614143641	690661	4143641	RESIDENT	4.43E-03	1.56E-05	5.10E-03	7.39E-06	1.53E-06	5.41E-09	5.33E-06	7.72E-09
6906664143641	690666	4143641	RESIDENT	4.42E-03	1.54E-05	5.09E-03	7.28E-06	1.53E-06	5.33E-09	5.32E-06	7.61E-09
6906714143641	690671	4143641	RESIDENT	4.42E-03	1.52E-05	5.09E-03	7.18E-06	1.53E-06	5.25E-09	5.32E-06	7.50E-09
6906764143641	690676	4143641	RESIDENT	4.41E-03	1.50E-05	5.08E-03	7.08E-06	1.53E-06	5.18E-09	5.31E-06	7.40E-09
6906814143641	690681	4143641	RESIDENT	4.40E-03	1.48E-05	5.07E-03	6.98E-06	1.52E-06	5.11E-09	5.30E-06	7.29E-09
6906864143641	690686	4143641	RESIDENT	4.39E-03	1.46E-05	5.06E-03	6.88E-06	1.52E-06	5.04E-09	5.29E-06	7.20E-09
6906914143641	690691	4143641	RESIDENT	4.38E-03	1.44E-05	5.05E-03	6.79E-06	1.52E-06	4.97E-09	5.28E-06	7.10E-09
6906964143641	690696	4143641	RESIDENT	4.37E-03	1.42E-05	5.04E-03	6.70E-06	1.51E-06	4.90E-09	5.26E-06	7.00E-09
6907014143641	690701	4143641	RESIDENT	4.36E-03	1.40E-05	5.02E-03	6.61E-06	1.51E-06	4.84E-09	5.25E-06	6.91E-09
6907064143641	690706	4143641	RESIDENT	4.35E-03	1.38E-05	5.01E-03	6.52E-06	1.51E-06	4.77E-09	5.23E-06	6.82E-09
6907114143641	690711	4143641	RESIDENT	4.34E-03	1.36E-05	4.99E-03	6.44E-06	1.50E-06	4.71E-09	5.22E-06	6.73E-09
6906464143646	690646	4143646	RESIDENT	4.49E-03	1.64E-05	5.17E-03	7.74E-06	1.55E-06	5.66E-09	5.40E-06	8.09E-09
6906514143646	690651	4143646	RESIDENT	4.49E-03	1.61E-05	5.17E-03	7.62E-06	1.55E-06	5.58E-09	5.40E-06	7.97E-09
6906564143646	690656	4143646	RESIDENT	4.49E-03	1.59E-05	5.16E-03	7.51E-06	1.55E-06	5.50E-09	5.40E-06	7.85E-09
6906614143646	690661	4143646	RESIDENT	4.48E-03	1.56E-05	5.16E-03	7.40E-06	1.55E-06	5.42E-09	5.39E-06	7.74E-09
6906664143646	690666	4143646	RESIDENT	4.48E-03	1.54E-05	5.15E-03	7.30E-06	1.55E-06	5.34E-09	5.39E-06	7.62E-09
6906714143646	690671	4143646	RESIDENT	4.47E-03	1.52E-05	5.15E-03	7.19E-06	1.55E-06	5.26E-09	5.38E-06	7.52E-09

RECEPTOR CONCENTRATIONS & DOSE

				Ground Level Concentrations				Dose			
				3rd Tri		0<2		3rd Tri		0<2	
				Project Concentrations (µg/m^3)		Project Concentrations (µg/m^3)		Resident Dose (mg/kg-day)		Resident Dose (mg/kg-day)	
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX
6906764143646	690676	4143646	RESIDENT	4.46E-03	1.50E-05	5.14E-03	7.09E-06	1.54E-06	5.19E-09	5.37E-06	7.41E-09
6906464143651	690646	4143651	RESIDENT	4.55E-03	1.64E-05	5.24E-03	7.76E-06	1.57E-06	5.68E-09	5.47E-06	8.11E-09
6906514143651	690651	4143651	RESIDENT	4.55E-03	1.62E-05	5.23E-03	7.64E-06	1.57E-06	5.59E-09	5.47E-06	7.98E-09
6906564143651	690656	4143651	RESIDENT	4.54E-03	1.59E-05	5.23E-03	7.53E-06	1.57E-06	5.51E-09	5.47E-06	7.87E-09
6906614143651	690661	4143651	RESIDENT	4.54E-03	1.57E-05	5.22E-03	7.42E-06	1.57E-06	5.43E-09	5.46E-06	7.75E-09
6906664143651	690666	4143651	RESIDENT	4.53E-03	1.55E-05	5.22E-03	7.31E-06	1.57E-06	5.35E-09	5.45E-06	7.64E-09
6906714143651	690671	4143651	RESIDENT	4.52E-03	1.52E-05	5.21E-03	7.21E-06	1.57E-06	5.27E-09	5.44E-06	7.53E-09
6906764143651	690676	4143651	RESIDENT	4.51E-03	1.50E-05	5.20E-03	7.11E-06	1.56E-06	5.20E-09	5.43E-06	7.43E-09
6906464143656	690646	4143656	RESIDENT	4.61E-03	1.64E-05	5.30E-03	7.77E-06	1.59E-06	5.69E-09	5.54E-06	8.12E-09
6906514143656	690651	4143656	RESIDENT	4.60E-03	1.62E-05	5.30E-03	7.66E-06	1.59E-06	5.60E-09	5.54E-06	8.00E-09
6906564143656	690656	4143656	RESIDENT	4.60E-03	1.59E-05	5.29E-03	7.54E-06	1.59E-06	5.52E-09	5.53E-06	7.88E-09
6906614143656	690661	4143656	RESIDENT	4.59E-03	1.57E-05	5.29E-03	7.43E-06	1.59E-06	5.44E-09	5.53E-06	7.77E-09
6906664143656	690666	4143656	RESIDENT	4.58E-03	1.55E-05	5.28E-03	7.32E-06	1.59E-06	5.36E-09	5.52E-06	7.66E-09
6906714143656	690671	4143656	RESIDENT	4.58E-03	1.53E-05	5.27E-03	7.22E-06	1.58E-06	5.28E-09	5.51E-06	7.55E-09
6906764143656	690676	4143656	RESIDENT	4.57E-03	1.50E-05	5.26E-03	7.12E-06	1.58E-06	5.21E-09	5.50E-06	7.44E-09

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6902724144411	690272	4144411	RESIDENT	2.06E+00	4.43E-03	9.42E+00	8.32E-03	11.49
6902774144411	690277	4144411	RESIDENT	1.79E+00	3.89E-03	8.17E+00	7.30E-03	9.97
6902824144411	690282	4144411	RESIDENT	1.56E+00	3.44E-03	7.11E+00	6.46E-03	8.68
6902874144411	690287	4144411	RESIDENT	1.36E+00	3.07E-03	6.22E+00	5.77E-03	7.59
6902924144411	690292	4144411	RESIDENT	1.19E+00	2.76E-03	5.46E+00	5.19E-03	6.66
6902974144411	690297	4144411	RESIDENT	1.05E+00	2.51E-03	4.82E+00	4.71E-03	5.88
6902724144416	690272	4144416	RESIDENT	1.95E+00	4.42E-03	8.91E+00	8.31E-03	10.87
6902774144416	690277	4144416	RESIDENT	1.68E+00	3.88E-03	7.70E+00	7.29E-03	9.39
6902824144416	690282	4144416	RESIDENT	1.46E+00	3.44E-03	6.68E+00	6.45E-03	8.15
6902874144416	690287	4144416	RESIDENT	1.27E+00	3.07E-03	5.82E+00	5.76E-03	7.10
6902924144416	690292	4144416	RESIDENT	1.12E+00	2.76E-03	5.10E+00	5.19E-03	6.23
6902974144416	690297	4144416	RESIDENT	9.84E-01	2.50E-03	4.50E+00	4.70E-03	5.49
6902724144421	690272	4144421	RESIDENT	1.82E+00	4.42E-03	8.33E+00	8.30E-03	10.17
6902774144421	690277	4144421	RESIDENT	1.57E+00	3.88E-03	7.17E+00	7.28E-03	8.75
6902824144421	690282	4144421	RESIDENT	1.36E+00	3.43E-03	6.21E+00	6.45E-03	7.58
6902874144421	690287	4144421	RESIDENT	1.18E+00	3.07E-03	5.40E+00	5.76E-03	6.59
6902924144421	690292	4144421	RESIDENT	1.03E+00	2.76E-03	4.73E+00	5.18E-03	5.77
6902974144421	690297	4144421	RESIDENT	9.13E-01	2.50E-03	4.17E+00	4.70E-03	5.09
6902724144426	690272	4144426	RESIDENT	1.68E+00	4.42E-03	7.70E+00	8.29E-03	9.40
6902774144426	690277	4144426	RESIDENT	1.45E+00	3.87E-03	6.62E+00	7.27E-03	8.08
6902824144426	690282	4144426	RESIDENT	1.25E+00	3.43E-03	5.72E+00	6.44E-03	6.98
6902874144426	690287	4144426	RESIDENT	1.09E+00	3.06E-03	4.97E+00	5.75E-03	6.07
6902924144426	690292	4144426	RESIDENT	9.53E-01	2.76E-03	4.36E+00	5.18E-03	5.32
6902974144426	690297	4144426	RESIDENT	8.41E-01	2.50E-03	3.84E+00	4.70E-03	4.69
6902724144431	690272	4144431	RESIDENT	1.54E+00	4.41E-03	7.04E+00	8.28E-03	8.60
6902774144431	690277	4144431	RESIDENT	1.32E+00	3.87E-03	6.04E+00	7.27E-03	7.37
6902824144431	690282	4144431	RESIDENT	1.14E+00	3.43E-03	5.22E+00	6.44E-03	6.37
6902874144431	690287	4144431	RESIDENT	9.94E-01	3.06E-03	4.54E+00	5.75E-03	5.55
6902924144431	690292	4144431	RESIDENT	8.72E-01	2.76E-03	3.99E+00	5.17E-03	4.87
6902974144431	690297	4144431	RESIDENT	7.72E-01	2.50E-03	3.53E+00	4.69E-03	4.31
6902724144436	690272	4144436	RESIDENT	1.39E+00	4.41E-03	6.37E+00	8.27E-03	7.77
6902774144436	690277	4144436	RESIDENT	1.20E+00	3.86E-03	5.46E+00	7.26E-03	6.67
6902824144436	690282	4144436	RESIDENT	1.03E+00	3.42E-03	4.73E+00	6.43E-03	5.77
6902874144436	690287	4144436	RESIDENT	9.03E-01	3.06E-03	4.13E+00	5.74E-03	5.04
6902924144436	690292	4144436	RESIDENT	7.95E-01	2.75E-03	3.63E+00	5.17E-03	4.44
6902974144436	690297	4144436	RESIDENT	7.05E-01	2.50E-03	3.23E+00	4.69E-03	3.94
6902034144665	690203	4144665	RESIDENT	1.10E-01	1.89E-03	5.03E-01	3.56E-03	0.62
6902084144665	690208	4144665	RESIDENT	1.07E-01	2.10E-03	4.89E-01	3.95E-03	0.60
6902134144665	690213	4144665	RESIDENT	1.04E-01	2.36E-03	4.76E-01	4.43E-03	0.59
6902184144665	690218	4144665	RESIDENT	1.02E-01	2.67E-03	4.64E-01	5.01E-03	0.57
6902234144665	690223	4144665	RESIDENT	9.90E-02	3.06E-03	4.53E-01	5.75E-03	0.56
6902284144665	690228	4144665	RESIDENT	9.66E-02	3.57E-03	4.42E-01	6.71E-03	0.55
6902334144665	690233	4144665	RESIDENT	9.43E-02	3.35E-03	4.31E-01	6.29E-03	0.54
6902034144670	690203	4144670	RESIDENT	1.06E-01	1.90E-03	4.84E-01	3.56E-03	0.60
6902084144670	690208	4144670	RESIDENT	1.03E-01	2.10E-03	4.71E-01	3.95E-03	0.58
6902134144670	690213	4144670	RESIDENT	1.00E-01	2.36E-03	4.59E-01	4.43E-03	0.57

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6902184144670	690218	4144670	RESIDENT	9.79E-02	2.67E-03	4.48E-01	5.02E-03	0.55
6902234144670	690223	4144670	RESIDENT	9.55E-02	3.07E-03	4.37E-01	5.76E-03	0.54
6902284144670	690228	4144670	RESIDENT	9.32E-02	3.58E-03	4.26E-01	6.73E-03	0.53
6902334144670	690233	4144670	RESIDENT	9.11E-02	3.17E-03	4.16E-01	5.95E-03	0.52
6902034144675	690203	4144675	RESIDENT	1.02E-01	1.90E-03	4.66E-01	3.56E-03	0.57
6902084144675	690208	4144675	RESIDENT	9.94E-02	2.11E-03	4.54E-01	3.96E-03	0.56
6902134144675	690213	4144675	RESIDENT	9.68E-02	2.36E-03	4.43E-01	4.43E-03	0.55
6902184144675	690218	4144675	RESIDENT	9.44E-02	2.68E-03	4.32E-01	5.02E-03	0.53
6902234144675	690223	4144675	RESIDENT	9.22E-02	3.07E-03	4.21E-01	5.77E-03	0.52
6902284144675	690228	4144675	RESIDENT	9.00E-02	3.59E-03	4.12E-01	6.73E-03	0.51
6902334144675	690233	4144675	RESIDENT	8.80E-02	3.12E-03	4.02E-01	5.87E-03	0.50
6902034144680	690203	4144680	RESIDENT	9.83E-02	1.90E-03	4.50E-01	3.57E-03	0.55
6902084144680	690208	4144680	RESIDENT	9.58E-02	2.11E-03	4.38E-01	3.96E-03	0.54
6902134144680	690213	4144680	RESIDENT	9.35E-02	2.36E-03	4.27E-01	4.44E-03	0.53
6902184144680	690218	4144680	RESIDENT	9.12E-02	2.68E-03	4.17E-01	5.03E-03	0.52
6902234144680	690223	4144680	RESIDENT	8.90E-02	3.07E-03	4.07E-01	5.77E-03	0.50
6902284144680	690228	4144680	RESIDENT	8.70E-02	3.59E-03	3.98E-01	6.74E-03	0.50
6902334144680	690233	4144680	RESIDENT	8.51E-02	3.36E-03	3.89E-01	6.31E-03	0.48
6902034144685	690203	4144685	RESIDENT	9.49E-02	1.90E-03	4.34E-01	3.57E-03	0.53
6902084144685	690208	4144685	RESIDENT	9.25E-02	2.11E-03	4.23E-01	3.96E-03	0.52
6902134144685	690213	4144685	RESIDENT	9.03E-02	2.37E-03	4.13E-01	4.44E-03	0.51
6902184144685	690218	4144685	RESIDENT	8.81E-02	2.68E-03	4.03E-01	5.03E-03	0.50
6902234144685	690223	4144685	RESIDENT	8.61E-02	3.08E-03	3.93E-01	5.78E-03	0.49
6902284144685	690228	4144685	RESIDENT	8.41E-02	3.60E-03	3.85E-01	6.75E-03	0.48
6902334144685	690233	4144685	RESIDENT	8.23E-02	3.18E-03	3.76E-01	5.97E-03	0.47
6902034144690	690203	4144690	RESIDENT	9.16E-02	1.90E-03	4.19E-01	3.57E-03	0.52
6902084144690	690208	4144690	RESIDENT	8.94E-02	2.11E-03	4.09E-01	3.97E-03	0.50
6902134144690	690213	4144690	RESIDENT	8.72E-02	2.37E-03	3.99E-01	4.45E-03	0.49
6902184144690	690218	4144690	RESIDENT	8.52E-02	2.68E-03	3.89E-01	5.04E-03	0.48
6902234144690	690223	4144690	RESIDENT	8.32E-02	3.08E-03	3.81E-01	5.79E-03	0.47
6902284144690	690228	4144690	RESIDENT	8.14E-02	3.60E-03	3.72E-01	6.76E-03	0.46
6902334144690	690233	4144690	RESIDENT	7.97E-02	3.13E-03	3.64E-01	5.88E-03	0.45
6906094144308	690609	4144308	RESIDENT	7.57E-02	2.74E-04	3.46E-01	5.16E-04	0.42
6906144144308	690614	4144308	RESIDENT	7.36E-02	2.70E-04	3.36E-01	5.06E-04	0.41
6906194144308	690619	4144308	RESIDENT	7.16E-02	2.65E-04	3.27E-01	4.97E-04	0.40
6906244144308	690624	4144308	RESIDENT	6.96E-02	2.60E-04	3.18E-01	4.89E-04	0.39
6906294144308	690629	4144308	RESIDENT	6.78E-02	2.56E-04	3.10E-01	4.80E-04	0.38
6906344144308	690634	4144308	RESIDENT	6.60E-02	2.51E-04	3.02E-01	4.72E-04	0.37
6906394144308	690639	4144308	RESIDENT	6.43E-02	2.47E-04	2.94E-01	4.64E-04	0.36
6906444144308	690644	4144308	RESIDENT	6.26E-02	2.43E-04	2.86E-01	4.56E-04	0.35
6906494144308	690649	4144308	RESIDENT	6.11E-02	2.39E-04	2.79E-01	4.49E-04	0.34
6906544144308	690654	4144308	RESIDENT	5.96E-02	2.35E-04	2.72E-01	4.41E-04	0.33
6906594144308	690659	4144308	RESIDENT	5.81E-02	2.31E-04	2.66E-01	4.34E-04	0.32
6906644144308	690664	4144308	RESIDENT	5.67E-02	2.27E-04	2.59E-01	4.27E-04	0.32
6906694144308	690669	4144308	RESIDENT	5.53E-02	2.24E-04	2.53E-01	4.20E-04	0.31
6906744144308	690674	4144308	RESIDENT	5.40E-02	2.20E-04	2.47E-01	4.13E-04	0.30

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6906794144308	690679	4144308	RESIDENT	5.28E-02	2.17E-04	2.41E-01	4.07E-04	0.29
6906844144308	690684	4144308	RESIDENT	5.16E-02	2.13E-04	2.36E-01	4.00E-04	0.29
6906894144308	690689	4144308	RESIDENT	5.04E-02	2.10E-04	2.31E-01	3.94E-04	0.28
6906944144308	690694	4144308	RESIDENT	4.93E-02	2.07E-04	2.25E-01	3.88E-04	0.28
6906994144308	690699	4144308	RESIDENT	4.82E-02	2.03E-04	2.20E-01	3.82E-04	0.27
6906094144313	690609	4144313	RESIDENT	7.41E-02	2.74E-04	3.39E-01	5.15E-04	0.41
6906144144313	690614	4144313	RESIDENT	7.21E-02	2.69E-04	3.30E-01	5.06E-04	0.40
6906194144313	690619	4144313	RESIDENT	7.01E-02	2.65E-04	3.21E-01	4.97E-04	0.39
6906244144313	690624	4144313	RESIDENT	6.82E-02	2.60E-04	3.12E-01	4.88E-04	0.38
6906294144313	690629	4144313	RESIDENT	6.64E-02	2.56E-04	3.04E-01	4.80E-04	0.37
6906344144313	690634	4144313	RESIDENT	6.47E-02	2.51E-04	2.96E-01	4.72E-04	0.36
6906394144313	690639	4144313	RESIDENT	6.30E-02	2.47E-04	2.88E-01	4.64E-04	0.35
6906444144313	690644	4144313	RESIDENT	6.14E-02	2.43E-04	2.81E-01	4.56E-04	0.34
6906494144313	690649	4144313	RESIDENT	5.99E-02	2.39E-04	2.74E-01	4.48E-04	0.33
6906544144313	690654	4144313	RESIDENT	5.84E-02	2.35E-04	2.67E-01	4.41E-04	0.33
6906594144313	690659	4144313	RESIDENT	5.70E-02	2.31E-04	2.61E-01	4.34E-04	0.32
6906644144313	690664	4144313	RESIDENT	5.56E-02	2.27E-04	2.54E-01	4.27E-04	0.31
6906694144313	690669	4144313	RESIDENT	5.43E-02	2.23E-04	2.48E-01	4.20E-04	0.30
6906744144313	690674	4144313	RESIDENT	5.31E-02	2.20E-04	2.43E-01	4.13E-04	0.30
6906794144313	690679	4144313	RESIDENT	5.18E-02	2.16E-04	2.37E-01	4.06E-04	0.29
6906844144313	690684	4144313	RESIDENT	5.07E-02	2.13E-04	2.32E-01	4.00E-04	0.28
6906894144313	690689	4144313	RESIDENT	4.95E-02	2.10E-04	2.26E-01	3.94E-04	0.28
6906944144313	690694	4144313	RESIDENT	4.84E-02	2.06E-04	2.21E-01	3.87E-04	0.27
6906994144313	690699	4144313	RESIDENT	4.74E-02	2.03E-04	2.17E-01	3.81E-04	0.26
6907044144313	690704	4144313	RESIDENT	4.64E-02	2.00E-04	2.12E-01	3.76E-04	0.26
6906094144318	690609	4144318	RESIDENT	7.26E-02	2.74E-04	3.32E-01	5.15E-04	0.41
6906144144318	690614	4144318	RESIDENT	7.06E-02	2.69E-04	3.23E-01	5.06E-04	0.39
6906194144318	690619	4144318	RESIDENT	6.87E-02	2.64E-04	3.14E-01	4.97E-04	0.38
6906244144318	690624	4144318	RESIDENT	6.68E-02	2.60E-04	3.06E-01	4.88E-04	0.37
6906294144318	690629	4144318	RESIDENT	6.51E-02	2.55E-04	2.98E-01	4.80E-04	0.36
6906344144318	690634	4144318	RESIDENT	6.34E-02	2.51E-04	2.90E-01	4.71E-04	0.35
6906394144318	690639	4144318	RESIDENT	6.18E-02	2.47E-04	2.82E-01	4.63E-04	0.34
6906444144318	690644	4144318	RESIDENT	6.02E-02	2.43E-04	2.75E-01	4.56E-04	0.34
6906494144318	690649	4144318	RESIDENT	5.87E-02	2.38E-04	2.69E-01	4.48E-04	0.33
6906544144318	690654	4144318	RESIDENT	5.73E-02	2.35E-04	2.62E-01	4.40E-04	0.32
6906594144318	690659	4144318	RESIDENT	5.59E-02	2.31E-04	2.56E-01	4.33E-04	0.31
6906644144318	690664	4144318	RESIDENT	5.46E-02	2.27E-04	2.50E-01	4.26E-04	0.30
6906694144318	690669	4144318	RESIDENT	5.33E-02	2.23E-04	2.44E-01	4.19E-04	0.30
6906744144318	690674	4144318	RESIDENT	5.21E-02	2.20E-04	2.38E-01	4.12E-04	0.29
6906794144318	690679	4144318	RESIDENT	5.09E-02	2.16E-04	2.33E-01	4.06E-04	0.28
6906844144318	690684	4144318	RESIDENT	4.98E-02	2.13E-04	2.27E-01	3.99E-04	0.28
6906894144318	690689	4144318	RESIDENT	4.87E-02	2.09E-04	2.22E-01	3.93E-04	0.27
6906944144318	690694	4144318	RESIDENT	4.76E-02	2.06E-04	2.18E-01	3.87E-04	0.27
6906994144318	690699	4144318	RESIDENT	4.66E-02	2.03E-04	2.13E-01	3.81E-04	0.26
6907044144318	690704	4144318	RESIDENT	4.56E-02	2.00E-04	2.08E-01	3.75E-04	0.25
6907094144318	690709	4144318	RESIDENT	4.46E-02	1.97E-04	2.04E-01	3.69E-04	0.25

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6907144144318	690714	4144318	RESIDENT	4.37E-02	1.94E-04	2.00E-01	3.64E-04	0.24
6906094144323	690609	4144323	RESIDENT	7.10E-02	2.74E-04	3.25E-01	5.14E-04	0.40
6906144144323	690614	4144323	RESIDENT	6.91E-02	2.69E-04	3.16E-01	5.05E-04	0.39
6906194144323	690619	4144323	RESIDENT	6.72E-02	2.64E-04	3.07E-01	4.96E-04	0.38
6906244144323	690624	4144323	RESIDENT	6.55E-02	2.60E-04	2.99E-01	4.88E-04	0.37
6906294144323	690629	4144323	RESIDENT	6.38E-02	2.55E-04	2.92E-01	4.79E-04	0.36
6906344144323	690634	4144323	RESIDENT	6.21E-02	2.51E-04	2.84E-01	4.71E-04	0.35
6906394144323	690639	4144323	RESIDENT	6.05E-02	2.46E-04	2.77E-01	4.63E-04	0.34
6906444144323	690644	4144323	RESIDENT	5.90E-02	2.42E-04	2.70E-01	4.55E-04	0.33
6906494144323	690649	4144323	RESIDENT	5.76E-02	2.38E-04	2.63E-01	4.47E-04	0.32
6906544144323	690654	4144323	RESIDENT	5.62E-02	2.34E-04	2.57E-01	4.40E-04	0.31
6906594144323	690659	4144323	RESIDENT	5.49E-02	2.30E-04	2.51E-01	4.33E-04	0.31
6906644144323	690664	4144323	RESIDENT	5.36E-02	2.27E-04	2.45E-01	4.26E-04	0.30
6906694144323	690669	4144323	RESIDENT	5.23E-02	2.23E-04	2.39E-01	4.19E-04	0.29
6906744144323	690674	4144323	RESIDENT	5.11E-02	2.19E-04	2.34E-01	4.12E-04	0.29
6906794144323	690679	4144323	RESIDENT	5.00E-02	2.16E-04	2.28E-01	4.05E-04	0.28
6906844144323	690684	4144323	RESIDENT	4.89E-02	2.12E-04	2.23E-01	3.99E-04	0.27
6906894144323	690689	4144323	RESIDENT	4.78E-02	2.09E-04	2.18E-01	3.93E-04	0.27
6906944144323	690694	4144323	RESIDENT	4.67E-02	2.06E-04	2.14E-01	3.87E-04	0.26
6906994144323	690699	4144323	RESIDENT	4.57E-02	2.03E-04	2.09E-01	3.81E-04	0.26
6907044144323	690704	4144323	RESIDENT	4.48E-02	1.99E-04	2.05E-01	3.75E-04	0.25
6907094144323	690709	4144323	RESIDENT	4.38E-02	1.96E-04	2.00E-01	3.69E-04	0.24
6907144144323	690714	4144323	RESIDENT	4.29E-02	1.93E-04	1.96E-01	3.63E-04	0.24
6906094144328	690609	4144328	RESIDENT	6.95E-02	2.74E-04	3.18E-01	5.14E-04	0.39
6906144144328	690614	4144328	RESIDENT	6.76E-02	2.69E-04	3.09E-01	5.05E-04	0.38
6906194144328	690619	4144328	RESIDENT	6.58E-02	2.64E-04	3.01E-01	4.96E-04	0.37
6906244144328	690624	4144328	RESIDENT	6.41E-02	2.59E-04	2.93E-01	4.87E-04	0.36
6906294144328	690629	4144328	RESIDENT	6.24E-02	2.55E-04	2.86E-01	4.79E-04	0.35
6906344144328	690634	4144328	RESIDENT	6.09E-02	2.50E-04	2.78E-01	4.70E-04	0.34
6906394144328	690639	4144328	RESIDENT	5.93E-02	2.46E-04	2.71E-01	4.62E-04	0.33
6906444144328	690644	4144328	RESIDENT	5.79E-02	2.42E-04	2.65E-01	4.55E-04	0.32
6906494144328	690649	4144328	RESIDENT	5.65E-02	2.38E-04	2.58E-01	4.47E-04	0.32
6906544144328	690654	4144328	RESIDENT	5.51E-02	2.34E-04	2.52E-01	4.40E-04	0.31
6906594144328	690659	4144328	RESIDENT	5.38E-02	2.30E-04	2.46E-01	4.32E-04	0.30
6906644144328	690664	4144328	RESIDENT	5.25E-02	2.26E-04	2.40E-01	4.25E-04	0.29
6906694144328	690669	4144328	RESIDENT	5.13E-02	2.23E-04	2.35E-01	4.18E-04	0.29
6906744144328	690674	4144328	RESIDENT	5.02E-02	2.19E-04	2.29E-01	4.12E-04	0.28
6906794144328	690679	4144328	RESIDENT	4.90E-02	2.16E-04	2.24E-01	4.05E-04	0.27
6906844144328	690684	4144328	RESIDENT	4.80E-02	2.12E-04	2.19E-01	3.99E-04	0.27
6906894144328	690689	4144328	RESIDENT	4.69E-02	2.09E-04	2.15E-01	3.92E-04	0.26
6906944144328	690694	4144328	RESIDENT	4.59E-02	2.06E-04	2.10E-01	3.86E-04	0.26
6906994144328	690699	4144328	RESIDENT	4.49E-02	2.02E-04	2.05E-01	3.80E-04	0.25
6907044144328	690704	4144328	RESIDENT	4.40E-02	1.99E-04	2.01E-01	3.74E-04	0.25
6907094144328	690709	4144328	RESIDENT	4.31E-02	1.96E-04	1.97E-01	3.68E-04	0.24
6907144144328	690714	4144328	RESIDENT	4.22E-02	1.93E-04	1.93E-01	3.63E-04	0.24
6906094144333	690609	4144333	RESIDENT	6.80E-02	2.73E-04	3.11E-01	5.14E-04	0.38

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6906144144333	690614	4144333	RESIDENT	6.62E-02	2.69E-04	3.03E-01	5.04E-04	0.37
6906194144333	690619	4144333	RESIDENT	6.44E-02	2.64E-04	2.95E-01	4.95E-04	0.36
6906244144333	690624	4144333	RESIDENT	6.27E-02	2.59E-04	2.87E-01	4.87E-04	0.35
6906294144333	690629	4144333	RESIDENT	6.11E-02	2.55E-04	2.80E-01	4.78E-04	0.34
6906344144333	690634	4144333	RESIDENT	5.96E-02	2.50E-04	2.73E-01	4.70E-04	0.33
6906394144333	690639	4144333	RESIDENT	5.81E-02	2.46E-04	2.66E-01	4.62E-04	0.32
6906444144333	690644	4144333	RESIDENT	5.67E-02	2.42E-04	2.59E-01	4.54E-04	0.32
6906494144333	690649	4144333	RESIDENT	5.53E-02	2.38E-04	2.53E-01	4.47E-04	0.31
6906544144333	690654	4144333	RESIDENT	5.40E-02	2.34E-04	2.47E-01	4.39E-04	0.30
6906594144333	690659	4144333	RESIDENT	5.28E-02	2.30E-04	2.41E-01	4.32E-04	0.29
6906644144333	690664	4144333	RESIDENT	5.15E-02	2.26E-04	2.36E-01	4.25E-04	0.29
6906694144333	690669	4144333	RESIDENT	5.04E-02	2.22E-04	2.30E-01	4.18E-04	0.28
6906744144333	690674	4144333	RESIDENT	4.92E-02	2.19E-04	2.25E-01	4.11E-04	0.27
6906794144333	690679	4144333	RESIDENT	4.81E-02	2.15E-04	2.20E-01	4.04E-04	0.27
6906844144333	690684	4144333	RESIDENT	4.71E-02	2.12E-04	2.15E-01	3.98E-04	0.26
6906894144333	690689	4144333	RESIDENT	4.61E-02	2.09E-04	2.11E-01	3.92E-04	0.26
6906944144333	690694	4144333	RESIDENT	4.51E-02	2.05E-04	2.06E-01	3.86E-04	0.25
6906994144333	690699	4144333	RESIDENT	4.41E-02	2.02E-04	2.02E-01	3.80E-04	0.25
6907044144333	690704	4144333	RESIDENT	4.32E-02	1.99E-04	1.98E-01	3.74E-04	0.24
6907094144333	690709	4144333	RESIDENT	4.23E-02	1.96E-04	1.93E-01	3.68E-04	0.24
6907144144333	690714	4144333	RESIDENT	4.15E-02	1.93E-04	1.90E-01	3.62E-04	0.23
6906094144338	690609	4144338	RESIDENT	6.65E-02	2.73E-04	3.04E-01	5.13E-04	0.37
6906144144338	690614	4144338	RESIDENT	6.47E-02	2.68E-04	2.96E-01	5.04E-04	0.36
6906194144338	690619	4144338	RESIDENT	6.30E-02	2.64E-04	2.88E-01	4.95E-04	0.35
6906244144338	690624	4144338	RESIDENT	6.14E-02	2.59E-04	2.81E-01	4.86E-04	0.34
6906294144338	690629	4144338	RESIDENT	5.99E-02	2.54E-04	2.74E-01	4.78E-04	0.33
6906344144338	690634	4144338	RESIDENT	5.84E-02	2.50E-04	2.67E-01	4.70E-04	0.33
6906394144338	690639	4144338	RESIDENT	5.69E-02	2.46E-04	2.60E-01	4.62E-04	0.32
6906444144338	690644	4144338	RESIDENT	5.56E-02	2.42E-04	2.54E-01	4.54E-04	0.31
6906494144338	690649	4144338	RESIDENT	5.42E-02	2.37E-04	2.48E-01	4.46E-04	0.30
6906544144338	690654	4144338	RESIDENT	5.29E-02	2.34E-04	2.42E-01	4.39E-04	0.30
6906594144338	690659	4144338	RESIDENT	5.17E-02	2.30E-04	2.36E-01	4.31E-04	0.29
6906644144338	690664	4144338	RESIDENT	5.05E-02	2.26E-04	2.31E-01	4.24E-04	0.28
6906694144338	690669	4144338	RESIDENT	4.94E-02	2.22E-04	2.26E-01	4.17E-04	0.28
6906744144338	690674	4144338	RESIDENT	4.83E-02	2.19E-04	2.21E-01	4.11E-04	0.27
6906794144338	690679	4144338	RESIDENT	4.72E-02	2.15E-04	2.16E-01	4.04E-04	0.26
6906844144338	690684	4144338	RESIDENT	4.62E-02	2.12E-04	2.11E-01	3.98E-04	0.26
6906894144338	690689	4144338	RESIDENT	4.52E-02	2.08E-04	2.07E-01	3.91E-04	0.25
6906944144338	690694	4144338	RESIDENT	4.43E-02	2.05E-04	2.02E-01	3.85E-04	0.25
6906994144338	690699	4144338	RESIDENT	4.33E-02	2.02E-04	1.98E-01	3.79E-04	0.24
6907044144338	690704	4144338	RESIDENT	4.24E-02	1.99E-04	1.94E-01	3.73E-04	0.24
6907094144338	690709	4144338	RESIDENT	4.16E-02	1.96E-04	1.90E-01	3.67E-04	0.23
6907144144338	690714	4144338	RESIDENT	4.07E-02	1.93E-04	1.86E-01	3.62E-04	0.23
6906094144343	690609	4144343	RESIDENT	6.50E-02	2.73E-04	2.97E-01	5.13E-04	0.36
6906144144343	690614	4144343	RESIDENT	6.33E-02	2.68E-04	2.89E-01	5.03E-04	0.35
6906194144343	690619	4144343	RESIDENT	6.17E-02	2.63E-04	2.82E-01	4.95E-04	0.34

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6906244144343	690624	4144343	RESIDENT	6.01E-02	2.59E-04	2.75E-01	4.86E-04	0.34
6906294144343	690629	4144343	RESIDENT	5.86E-02	2.54E-04	2.68E-01	4.77E-04	0.33
6906344144343	690634	4144343	RESIDENT	5.72E-02	2.50E-04	2.61E-01	4.69E-04	0.32
6906394144343	690639	4144343	RESIDENT	5.58E-02	2.45E-04	2.55E-01	4.61E-04	0.31
6906444144343	690644	4144343	RESIDENT	5.44E-02	2.41E-04	2.49E-01	4.53E-04	0.30
6906494144343	690649	4144343	RESIDENT	5.31E-02	2.37E-04	2.43E-01	4.46E-04	0.30
6906544144343	690654	4144343	RESIDENT	5.19E-02	2.33E-04	2.37E-01	4.38E-04	0.29
6906594144343	690659	4144343	RESIDENT	5.07E-02	2.29E-04	2.32E-01	4.31E-04	0.28
6906644144343	690664	4144343	RESIDENT	4.95E-02	2.26E-04	2.27E-01	4.24E-04	0.28
6906694144343	690669	4144343	RESIDENT	4.84E-02	2.22E-04	2.21E-01	4.17E-04	0.27
6906744144343	690674	4144343	RESIDENT	4.74E-02	2.18E-04	2.17E-01	4.10E-04	0.26
6906794144343	690679	4144343	RESIDENT	4.63E-02	2.15E-04	2.12E-01	4.03E-04	0.26
6906844144343	690684	4144343	RESIDENT	4.53E-02	2.11E-04	2.07E-01	3.97E-04	0.25
6906894144343	690689	4144343	RESIDENT	4.44E-02	2.08E-04	2.03E-01	3.91E-04	0.25
6906944144343	690694	4144343	RESIDENT	4.34E-02	2.05E-04	1.99E-01	3.85E-04	0.24
6906994144343	690699	4144343	RESIDENT	4.25E-02	2.01E-04	1.94E-01	3.78E-04	0.24
6907044144343	690704	4144343	RESIDENT	4.17E-02	1.98E-04	1.91E-01	3.73E-04	0.23
6907094144343	690709	4144343	RESIDENT	4.08E-02	1.95E-04	1.87E-01	3.67E-04	0.23
6907144144343	690714	4144343	RESIDENT	4.00E-02	1.92E-04	1.83E-01	3.61E-04	0.22
6906094144348	690609	4144348	RESIDENT	6.36E-02	2.73E-04	2.91E-01	5.12E-04	0.36
6906144144348	690614	4144348	RESIDENT	6.19E-02	2.68E-04	2.83E-01	5.03E-04	0.35
6906194144348	690619	4144348	RESIDENT	6.03E-02	2.63E-04	2.76E-01	4.94E-04	0.34
6906244144348	690624	4144348	RESIDENT	5.88E-02	2.58E-04	2.69E-01	4.85E-04	0.33
6906294144348	690629	4144348	RESIDENT	5.74E-02	2.54E-04	2.62E-01	4.77E-04	0.32
6906344144348	690634	4144348	RESIDENT	5.59E-02	2.49E-04	2.56E-01	4.69E-04	0.31
6906394144348	690639	4144348	RESIDENT	5.46E-02	2.45E-04	2.50E-01	4.61E-04	0.30
6906444144348	690644	4144348	RESIDENT	5.33E-02	2.41E-04	2.44E-01	4.53E-04	0.30
6906494144348	690649	4144348	RESIDENT	5.20E-02	2.37E-04	2.38E-01	4.45E-04	0.29
6906544144348	690654	4144348	RESIDENT	5.08E-02	2.33E-04	2.32E-01	4.38E-04	0.28
6906594144348	690659	4144348	RESIDENT	4.97E-02	2.29E-04	2.27E-01	4.30E-04	0.28
6906644144348	690664	4144348	RESIDENT	4.86E-02	2.25E-04	2.22E-01	4.23E-04	0.27
6906694144348	690669	4144348	RESIDENT	4.75E-02	2.22E-04	2.17E-01	4.16E-04	0.27
6906744144348	690674	4144348	RESIDENT	4.64E-02	2.18E-04	2.12E-01	4.10E-04	0.26
6906794144348	690679	4144348	RESIDENT	4.54E-02	2.15E-04	2.08E-01	4.03E-04	0.25
6906844144348	690684	4144348	RESIDENT	4.45E-02	2.11E-04	2.03E-01	3.96E-04	0.25
6906894144348	690689	4144348	RESIDENT	4.35E-02	2.08E-04	1.99E-01	3.90E-04	0.24
6906944144348	690694	4144348	RESIDENT	4.26E-02	2.04E-04	1.95E-01	3.84E-04	0.24
6906994144348	690699	4144348	RESIDENT	4.18E-02	2.01E-04	1.91E-01	3.78E-04	0.23
6907044144348	690704	4144348	RESIDENT	4.09E-02	1.98E-04	1.87E-01	3.72E-04	0.23
6907094144348	690709	4144348	RESIDENT	4.01E-02	1.95E-04	1.83E-01	3.66E-04	0.22
6907144144348	690714	4144348	RESIDENT	3.93E-02	1.92E-04	1.80E-01	3.61E-04	0.22
6894534144161	689453	4144161	RESIDENT	1.10E-02	7.76E-05	5.04E-02	1.46E-04	0.06
6894584144161	689458	4144161	RESIDENT	1.11E-02	7.83E-05	5.07E-02	1.47E-04	0.06
6894634144161	689463	4144161	RESIDENT	1.11E-02	7.90E-05	5.10E-02	1.48E-04	0.06
6894684144161	689468	4144161	RESIDENT	1.12E-02	7.98E-05	5.13E-02	1.50E-04	0.06
6894734144161	689473	4144161	RESIDENT	1.13E-02	8.05E-05	5.15E-02	1.51E-04	0.06

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6894784144161	689478	4144161	RESIDENT	1.13E-02	8.13E-05	5.18E-02	1.53E-04	0.06
6894834144161	689483	4144161	RESIDENT	1.14E-02	8.21E-05	5.21E-02	1.54E-04	0.06
6894884144161	689488	4144161	RESIDENT	1.15E-02	8.28E-05	5.24E-02	1.56E-04	0.06
6894934144161	689493	4144161	RESIDENT	1.15E-02	8.36E-05	5.27E-02	1.57E-04	0.06
6894984144161	689498	4144161	RESIDENT	1.16E-02	8.44E-05	5.31E-02	1.59E-04	0.06
6895034144161	689503	4144161	RESIDENT	1.17E-02	8.52E-05	5.34E-02	1.60E-04	0.07
6895084144161	689508	4144161	RESIDENT	1.18E-02	8.60E-05	5.37E-02	1.62E-04	0.07
6895134144161	689513	4144161	RESIDENT	1.18E-02	8.69E-05	5.41E-02	1.63E-04	0.07
6895184144161	689518	4144161	RESIDENT	1.19E-02	8.77E-05	5.44E-02	1.65E-04	0.07
6895234144161	689523	4144161	RESIDENT	1.20E-02	8.85E-05	5.48E-02	1.66E-04	0.07
6895284144161	689528	4144161	RESIDENT	1.21E-02	8.94E-05	5.52E-02	1.68E-04	0.07
6895334144161	689533	4144161	RESIDENT	1.21E-02	9.03E-05	5.55E-02	1.70E-04	0.07
6895384144161	689538	4144161	RESIDENT	1.22E-02	9.11E-05	5.59E-02	1.71E-04	0.07
6895434144161	689543	4144161	RESIDENT	1.23E-02	9.20E-05	5.63E-02	1.73E-04	0.07
6895484144161	689548	4144161	RESIDENT	1.24E-02	9.30E-05	5.68E-02	1.75E-04	0.07
6895534144161	689553	4144161	RESIDENT	1.25E-02	9.39E-05	5.72E-02	1.76E-04	0.07
6895584144161	689558	4144161	RESIDENT	1.26E-02	9.48E-05	5.76E-02	1.78E-04	0.07
6895634144161	689563	4144161	RESIDENT	1.27E-02	9.58E-05	5.81E-02	1.80E-04	0.07
6895684144161	689568	4144161	RESIDENT	1.28E-02	9.67E-05	5.86E-02	1.82E-04	0.07
6895734144161	689573	4144161	RESIDENT	1.29E-02	9.77E-05	5.90E-02	1.83E-04	0.07
6895784144161	689578	4144161	RESIDENT	1.30E-02	9.87E-05	5.95E-02	1.85E-04	0.07
6895834144161	689583	4144161	RESIDENT	1.31E-02	9.97E-05	6.00E-02	1.87E-04	0.07
6895884144161	689588	4144161	RESIDENT	1.32E-02	1.01E-04	6.06E-02	1.89E-04	0.07
6895934144161	689593	4144161	RESIDENT	1.34E-02	1.02E-04	6.11E-02	1.91E-04	0.07
6895984144161	689598	4144161	RESIDENT	1.35E-02	1.03E-04	6.17E-02	1.93E-04	0.08
6896034144161	689603	4144161	RESIDENT	1.36E-02	1.04E-04	6.22E-02	1.95E-04	0.08
6896084144161	689608	4144161	RESIDENT	1.37E-02	1.05E-04	6.28E-02	1.97E-04	0.08
6896134144161	689613	4144161	RESIDENT	1.39E-02	1.06E-04	6.34E-02	1.99E-04	0.08
6896184144161	689618	4144161	RESIDENT	1.40E-02	1.07E-04	6.41E-02	2.01E-04	0.08
6896234144161	689623	4144161	RESIDENT	1.42E-02	1.08E-04	6.47E-02	2.03E-04	0.08
6896284144161	689628	4144161	RESIDENT	1.43E-02	1.09E-04	6.54E-02	2.06E-04	0.08
6896334144161	689633	4144161	RESIDENT	1.45E-02	1.11E-04	6.61E-02	2.08E-04	0.08
6896384144161	689638	4144161	RESIDENT	1.46E-02	1.12E-04	6.68E-02	2.10E-04	0.08
6896434144161	689643	4144161	RESIDENT	1.48E-02	1.13E-04	6.75E-02	2.12E-04	0.08
6896484144161	689648	4144161	RESIDENT	1.49E-02	1.14E-04	6.83E-02	2.15E-04	0.08
6894534144166	689453	4144166	RESIDENT	1.13E-02	7.80E-05	5.17E-02	1.46E-04	0.06
6894584144166	689458	4144166	RESIDENT	1.14E-02	7.87E-05	5.19E-02	1.48E-04	0.06
6894634144166	689463	4144166	RESIDENT	1.14E-02	7.94E-05	5.22E-02	1.49E-04	0.06
6894684144166	689468	4144166	RESIDENT	1.15E-02	8.02E-05	5.25E-02	1.51E-04	0.06
6894734144166	689473	4144166	RESIDENT	1.15E-02	8.09E-05	5.28E-02	1.52E-04	0.06
6894784144166	689478	4144166	RESIDENT	1.16E-02	8.17E-05	5.31E-02	1.53E-04	0.06
6894834144166	689483	4144166	RESIDENT	1.17E-02	8.24E-05	5.34E-02	1.55E-04	0.07
6894884144166	689488	4144166	RESIDENT	1.17E-02	8.32E-05	5.37E-02	1.56E-04	0.07
6894934144166	689493	4144166	RESIDENT	1.18E-02	8.40E-05	5.40E-02	1.58E-04	0.07
6894984144166	689498	4144166	RESIDENT	1.19E-02	8.48E-05	5.43E-02	1.59E-04	0.07
6895034144166	689503	4144166	RESIDENT	1.19E-02	8.56E-05	5.46E-02	1.61E-04	0.07

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6895084144166	689508	4144166	RESIDENT	1.20E-02	8.64E-05	5.50E-02	1.62E-04	0.07
6895134144166	689513	4144166	RESIDENT	1.21E-02	8.72E-05	5.53E-02	1.64E-04	0.07
6895184144166	689518	4144166	RESIDENT	1.22E-02	8.81E-05	5.57E-02	1.65E-04	0.07
6895234144166	689523	4144166	RESIDENT	1.23E-02	8.89E-05	5.60E-02	1.67E-04	0.07
6895284144166	689528	4144166	RESIDENT	1.23E-02	8.98E-05	5.64E-02	1.69E-04	0.07
6895334144166	689533	4144166	RESIDENT	1.24E-02	9.06E-05	5.68E-02	1.70E-04	0.07
6895384144166	689538	4144166	RESIDENT	1.25E-02	9.15E-05	5.72E-02	1.72E-04	0.07
6895434144166	689543	4144166	RESIDENT	1.26E-02	9.24E-05	5.76E-02	1.74E-04	0.07
6895484144166	689548	4144166	RESIDENT	1.27E-02	9.33E-05	5.80E-02	1.75E-04	0.07
6895534144166	689553	4144166	RESIDENT	1.28E-02	9.43E-05	5.84E-02	1.77E-04	0.07
6895584144166	689558	4144166	RESIDENT	1.29E-02	9.52E-05	5.89E-02	1.79E-04	0.07
6895634144166	689563	4144166	RESIDENT	1.30E-02	9.61E-05	5.93E-02	1.81E-04	0.07
6895684144166	689568	4144166	RESIDENT	1.31E-02	9.71E-05	5.98E-02	1.82E-04	0.07
6895734144166	689573	4144166	RESIDENT	1.32E-02	9.81E-05	6.03E-02	1.84E-04	0.07
6895784144166	689578	4144166	RESIDENT	1.33E-02	9.91E-05	6.08E-02	1.86E-04	0.07
6895834144166	689583	4144166	RESIDENT	1.34E-02	1.00E-04	6.13E-02	1.88E-04	0.07
6895884144166	689588	4144166	RESIDENT	1.35E-02	1.01E-04	6.18E-02	1.90E-04	0.08
6895934144166	689593	4144166	RESIDENT	1.36E-02	1.02E-04	6.24E-02	1.92E-04	0.08
6895984144166	689598	4144166	RESIDENT	1.38E-02	1.03E-04	6.29E-02	1.94E-04	0.08
6896034144166	689603	4144166	RESIDENT	1.39E-02	1.04E-04	6.35E-02	1.96E-04	0.08
6896084144166	689608	4144166	RESIDENT	1.40E-02	1.05E-04	6.41E-02	1.98E-04	0.08
6896134144166	689613	4144166	RESIDENT	1.41E-02	1.06E-04	6.47E-02	2.00E-04	0.08
6896184144166	689618	4144166	RESIDENT	1.43E-02	1.08E-04	6.53E-02	2.02E-04	0.08
6896234144166	689623	4144166	RESIDENT	1.44E-02	1.09E-04	6.60E-02	2.04E-04	0.08
6896284144166	689628	4144166	RESIDENT	1.46E-02	1.10E-04	6.66E-02	2.06E-04	0.08
6896334144166	689633	4144166	RESIDENT	1.47E-02	1.11E-04	6.73E-02	2.09E-04	0.08
6896384144166	689638	4144166	RESIDENT	1.49E-02	1.12E-04	6.80E-02	2.11E-04	0.08
6896434144166	689643	4144166	RESIDENT	1.50E-02	1.13E-04	6.88E-02	2.13E-04	0.08
6896484144166	689648	4144166	RESIDENT	1.52E-02	1.15E-04	6.95E-02	2.15E-04	0.09
6894534144171	689453	4144171	RESIDENT	1.16E-02	7.83E-05	5.29E-02	1.47E-04	0.06
6894584144171	689458	4144171	RESIDENT	1.16E-02	7.91E-05	5.32E-02	1.48E-04	0.07
6894634144171	689463	4144171	RESIDENT	1.17E-02	7.98E-05	5.35E-02	1.50E-04	0.07
6894684144171	689468	4144171	RESIDENT	1.18E-02	8.05E-05	5.38E-02	1.51E-04	0.07
6894734144171	689473	4144171	RESIDENT	1.18E-02	8.13E-05	5.41E-02	1.53E-04	0.07
6894784144171	689478	4144171	RESIDENT	1.19E-02	8.20E-05	5.43E-02	1.54E-04	0.07
6894834144171	689483	4144171	RESIDENT	1.20E-02	8.28E-05	5.47E-02	1.56E-04	0.07
6894884144171	689488	4144171	RESIDENT	1.20E-02	8.36E-05	5.50E-02	1.57E-04	0.07
6894934144171	689493	4144171	RESIDENT	1.21E-02	8.44E-05	5.53E-02	1.58E-04	0.07
6894984144171	689498	4144171	RESIDENT	1.22E-02	8.52E-05	5.56E-02	1.60E-04	0.07
6895034144171	689503	4144171	RESIDENT	1.22E-02	8.60E-05	5.59E-02	1.61E-04	0.07
6895084144171	689508	4144171	RESIDENT	1.23E-02	8.68E-05	5.63E-02	1.63E-04	0.07
6895134144171	689513	4144171	RESIDENT	1.24E-02	8.76E-05	5.66E-02	1.65E-04	0.07
6895184144171	689518	4144171	RESIDENT	1.25E-02	8.84E-05	5.70E-02	1.66E-04	0.07
6895234144171	689523	4144171	RESIDENT	1.25E-02	8.93E-05	5.74E-02	1.68E-04	0.07
6895284144171	689528	4144171	RESIDENT	1.26E-02	9.02E-05	5.77E-02	1.69E-04	0.07
6895334144171	689533	4144171	RESIDENT	1.27E-02	9.10E-05	5.81E-02	1.71E-04	0.07

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6895384144171	689538	4144171	RESIDENT	1.28E-02	9.19E-05	5.85E-02	1.73E-04	0.07
6895434144171	689543	4144171	RESIDENT	1.29E-02	9.28E-05	5.89E-02	1.74E-04	0.07
6895484144171	689548	4144171	RESIDENT	1.30E-02	9.37E-05	5.93E-02	1.76E-04	0.07
6895534144171	689553	4144171	RESIDENT	1.31E-02	9.46E-05	5.98E-02	1.78E-04	0.07
6895584144171	689558	4144171	RESIDENT	1.32E-02	9.56E-05	6.02E-02	1.79E-04	0.07
6895634144171	689563	4144171	RESIDENT	1.33E-02	9.65E-05	6.07E-02	1.81E-04	0.07
6895684144171	689568	4144171	RESIDENT	1.34E-02	9.75E-05	6.11E-02	1.83E-04	0.07
6895734144171	689573	4144171	RESIDENT	1.35E-02	9.85E-05	6.16E-02	1.85E-04	0.08
6895784144171	689578	4144171	RESIDENT	1.36E-02	9.94E-05	6.21E-02	1.87E-04	0.08
6895834144171	689583	4144171	RESIDENT	1.37E-02	1.00E-04	6.26E-02	1.89E-04	0.08
6895884144171	689588	4144171	RESIDENT	1.38E-02	1.01E-04	6.31E-02	1.91E-04	0.08
6895934144171	689593	4144171	RESIDENT	1.39E-02	1.03E-04	6.37E-02	1.93E-04	0.08
6895984144171	689598	4144171	RESIDENT	1.41E-02	1.04E-04	6.42E-02	1.95E-04	0.08
6896034144171	689603	4144171	RESIDENT	1.42E-02	1.05E-04	6.48E-02	1.97E-04	0.08
6896084144171	689608	4144171	RESIDENT	1.43E-02	1.06E-04	6.54E-02	1.99E-04	0.08
6896134144171	689613	4144171	RESIDENT	1.44E-02	1.07E-04	6.60E-02	2.01E-04	0.08
6896184144171	689618	4144171	RESIDENT	1.46E-02	1.08E-04	6.67E-02	2.03E-04	0.08
6896234144171	689623	4144171	RESIDENT	1.47E-02	1.09E-04	6.73E-02	2.05E-04	0.08
6896284144171	689628	4144171	RESIDENT	1.49E-02	1.10E-04	6.80E-02	2.07E-04	0.08
6896334144171	689633	4144171	RESIDENT	1.50E-02	1.11E-04	6.87E-02	2.09E-04	0.08
6896384144171	689638	4144171	RESIDENT	1.52E-02	1.13E-04	6.94E-02	2.12E-04	0.08
6896434144171	689643	4144171	RESIDENT	1.53E-02	1.14E-04	7.01E-02	2.14E-04	0.09
6896484144171	689648	4144171	RESIDENT	1.55E-02	1.15E-04	7.09E-02	2.16E-04	0.09
6894534144176	689453	4144176	RESIDENT	1.19E-02	7.87E-05	5.43E-02	1.48E-04	0.07
6894584144176	689458	4144176	RESIDENT	1.19E-02	7.94E-05	5.45E-02	1.49E-04	0.07
6894634144176	689463	4144176	RESIDENT	1.20E-02	8.02E-05	5.48E-02	1.51E-04	0.07
6894684144176	689468	4144176	RESIDENT	1.21E-02	8.09E-05	5.51E-02	1.52E-04	0.07
6894734144176	689473	4144176	RESIDENT	1.21E-02	8.16E-05	5.54E-02	1.53E-04	0.07
6894784144176	689478	4144176	RESIDENT	1.22E-02	8.24E-05	5.57E-02	1.55E-04	0.07
6894834144176	689483	4144176	RESIDENT	1.23E-02	8.32E-05	5.60E-02	1.56E-04	0.07
6894884144176	689488	4144176	RESIDENT	1.23E-02	8.39E-05	5.63E-02	1.58E-04	0.07
6894934144176	689493	4144176	RESIDENT	1.24E-02	8.47E-05	5.66E-02	1.59E-04	0.07
6894984144176	689498	4144176	RESIDENT	1.25E-02	8.55E-05	5.70E-02	1.61E-04	0.07
6895034144176	689503	4144176	RESIDENT	1.25E-02	8.63E-05	5.73E-02	1.62E-04	0.07
6895084144176	689508	4144176	RESIDENT	1.26E-02	8.71E-05	5.77E-02	1.64E-04	0.07
6895134144176	689513	4144176	RESIDENT	1.27E-02	8.80E-05	5.80E-02	1.65E-04	0.07
6895184144176	689518	4144176	RESIDENT	1.28E-02	8.88E-05	5.84E-02	1.67E-04	0.07
6895234144176	689523	4144176	RESIDENT	1.28E-02	8.97E-05	5.88E-02	1.68E-04	0.07
6895284144176	689528	4144176	RESIDENT	1.29E-02	9.05E-05	5.91E-02	1.70E-04	0.07
6895334144176	689533	4144176	RESIDENT	1.30E-02	9.14E-05	5.95E-02	1.72E-04	0.07
6895384144176	689538	4144176	RESIDENT	1.31E-02	9.23E-05	5.99E-02	1.73E-04	0.07
6895434144176	689543	4144176	RESIDENT	1.32E-02	9.32E-05	6.03E-02	1.75E-04	0.07
6895484144176	689548	4144176	RESIDENT	1.33E-02	9.41E-05	6.08E-02	1.77E-04	0.07
6895534144176	689553	4144176	RESIDENT	1.34E-02	9.50E-05	6.12E-02	1.78E-04	0.07
6895584144176	689558	4144176	RESIDENT	1.35E-02	9.59E-05	6.16E-02	1.80E-04	0.08
6895634144176	689563	4144176	RESIDENT	1.36E-02	9.69E-05	6.21E-02	1.82E-04	0.08

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6895684144176	689568	4144176	RESIDENT	1.37E-02	9.79E-05	6.26E-02	1.84E-04	0.08
6895734144176	689573	4144176	RESIDENT	1.38E-02	9.88E-05	6.30E-02	1.86E-04	0.08
6895784144176	689578	4144176	RESIDENT	1.39E-02	9.98E-05	6.35E-02	1.87E-04	0.08
6895834144176	689583	4144176	RESIDENT	1.40E-02	1.01E-04	6.41E-02	1.89E-04	0.08
6895884144176	689588	4144176	RESIDENT	1.41E-02	1.02E-04	6.46E-02	1.91E-04	0.08
6895934144176	689593	4144176	RESIDENT	1.42E-02	1.03E-04	6.51E-02	1.93E-04	0.08
6895984144176	689598	4144176	RESIDENT	1.44E-02	1.04E-04	6.57E-02	1.95E-04	0.08
6896034144176	689603	4144176	RESIDENT	1.45E-02	1.05E-04	6.63E-02	1.97E-04	0.08
6896084144176	689608	4144176	RESIDENT	1.46E-02	1.06E-04	6.68E-02	1.99E-04	0.08
6896134144176	689613	4144176	RESIDENT	1.48E-02	1.07E-04	6.75E-02	2.01E-04	0.08
6896184144176	689618	4144176	RESIDENT	1.49E-02	1.08E-04	6.81E-02	2.03E-04	0.08
6896234144176	689623	4144176	RESIDENT	1.50E-02	1.09E-04	6.87E-02	2.06E-04	0.08
6896284144176	689628	4144176	RESIDENT	1.52E-02	1.11E-04	6.94E-02	2.08E-04	0.08
6896334144176	689633	4144176	RESIDENT	1.53E-02	1.12E-04	7.01E-02	2.10E-04	0.09
6896384144176	689638	4144176	RESIDENT	1.55E-02	1.13E-04	7.08E-02	2.12E-04	0.09
6896434144176	689643	4144176	RESIDENT	1.56E-02	1.14E-04	7.16E-02	2.15E-04	0.09
6896484144176	689648	4144176	RESIDENT	1.58E-02	1.15E-04	7.23E-02	2.17E-04	0.09
6894534144181	689453	4144181	RESIDENT	1.22E-02	7.91E-05	5.56E-02	1.48E-04	0.07
6894584144181	689458	4144181	RESIDENT	1.22E-02	7.98E-05	5.59E-02	1.50E-04	0.07
6894634144181	689463	4144181	RESIDENT	1.23E-02	8.05E-05	5.62E-02	1.51E-04	0.07
6894684144181	689468	4144181	RESIDENT	1.24E-02	8.12E-05	5.65E-02	1.53E-04	0.07
6894734144181	689473	4144181	RESIDENT	1.24E-02	8.20E-05	5.68E-02	1.54E-04	0.07
6894784144181	689478	4144181	RESIDENT	1.25E-02	8.28E-05	5.71E-02	1.55E-04	0.07
6894834144181	689483	4144181	RESIDENT	1.26E-02	8.35E-05	5.74E-02	1.57E-04	0.07
6894884144181	689488	4144181	RESIDENT	1.26E-02	8.43E-05	5.78E-02	1.58E-04	0.07
6894934144181	689493	4144181	RESIDENT	1.27E-02	8.51E-05	5.81E-02	1.60E-04	0.07
6894984144181	689498	4144181	RESIDENT	1.28E-02	8.59E-05	5.84E-02	1.61E-04	0.07
6895034144181	689503	4144181	RESIDENT	1.29E-02	8.67E-05	5.88E-02	1.63E-04	0.07
6895084144181	689508	4144181	RESIDENT	1.29E-02	8.75E-05	5.91E-02	1.64E-04	0.07
6895134144181	689513	4144181	RESIDENT	1.30E-02	8.83E-05	5.95E-02	1.66E-04	0.07
6895184144181	689518	4144181	RESIDENT	1.31E-02	8.92E-05	5.98E-02	1.67E-04	0.07
6895234144181	689523	4144181	RESIDENT	1.32E-02	9.00E-05	6.02E-02	1.69E-04	0.07
6895284144181	689528	4144181	RESIDENT	1.33E-02	9.09E-05	6.06E-02	1.71E-04	0.07
6895334144181	689533	4144181	RESIDENT	1.33E-02	9.18E-05	6.10E-02	1.72E-04	0.07
6895384144181	689538	4144181	RESIDENT	1.34E-02	9.26E-05	6.14E-02	1.74E-04	0.08
6895434144181	689543	4144181	RESIDENT	1.35E-02	9.35E-05	6.18E-02	1.76E-04	0.08
6895484144181	689548	4144181	RESIDENT	1.36E-02	9.44E-05	6.22E-02	1.77E-04	0.08
6895534144181	689553	4144181	RESIDENT	1.37E-02	9.54E-05	6.27E-02	1.79E-04	0.08
6895584144181	689558	4144181	RESIDENT	1.38E-02	9.63E-05	6.31E-02	1.81E-04	0.08
6895634144181	689563	4144181	RESIDENT	1.39E-02	9.73E-05	6.36E-02	1.83E-04	0.08
6895684144181	689568	4144181	RESIDENT	1.40E-02	9.82E-05	6.41E-02	1.84E-04	0.08
6895734144181	689573	4144181	RESIDENT	1.41E-02	9.92E-05	6.46E-02	1.86E-04	0.08
6895784144181	689578	4144181	RESIDENT	1.42E-02	1.00E-04	6.51E-02	1.88E-04	0.08
6895834144181	689583	4144181	RESIDENT	1.43E-02	1.01E-04	6.56E-02	1.90E-04	0.08
6895884144181	689588	4144181	RESIDENT	1.45E-02	1.02E-04	6.61E-02	1.92E-04	0.08
6895934144181	689593	4144181	RESIDENT	1.46E-02	1.03E-04	6.66E-02	1.94E-04	0.08

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6895984144181	689598	4144181	RESIDENT	1.47E-02	1.04E-04	6.72E-02	1.96E-04	0.08
6896034144181	689603	4144181	RESIDENT	1.48E-02	1.05E-04	6.78E-02	1.98E-04	0.08
6896084144181	689608	4144181	RESIDENT	1.50E-02	1.06E-04	6.84E-02	2.00E-04	0.08
6896134144181	689613	4144181	RESIDENT	1.51E-02	1.08E-04	6.90E-02	2.02E-04	0.08
6896184144181	689618	4144181	RESIDENT	1.52E-02	1.09E-04	6.96E-02	2.04E-04	0.09
6896234144181	689623	4144181	RESIDENT	1.54E-02	1.10E-04	7.03E-02	2.06E-04	0.09
6896284144181	689628	4144181	RESIDENT	1.55E-02	1.11E-04	7.09E-02	2.09E-04	0.09
6896334144181	689633	4144181	RESIDENT	1.57E-02	1.12E-04	7.16E-02	2.11E-04	0.09
6896384144181	689638	4144181	RESIDENT	1.58E-02	1.13E-04	7.24E-02	2.13E-04	0.09
6896434144181	689643	4144181	RESIDENT	1.60E-02	1.15E-04	7.31E-02	2.15E-04	0.09
6896484144181	689648	4144181	RESIDENT	1.62E-02	1.16E-04	7.39E-02	2.18E-04	0.09
6894534144186	689453	4144186	RESIDENT	1.25E-02	7.94E-05	5.71E-02	1.49E-04	0.07
6894584144186	689458	4144186	RESIDENT	1.25E-02	8.01E-05	5.74E-02	1.51E-04	0.07
6894634144186	689463	4144186	RESIDENT	1.26E-02	8.09E-05	5.77E-02	1.52E-04	0.07
6894684144186	689468	4144186	RESIDENT	1.27E-02	8.16E-05	5.80E-02	1.53E-04	0.07
6894734144186	689473	4144186	RESIDENT	1.27E-02	8.23E-05	5.83E-02	1.55E-04	0.07
6894784144186	689478	4144186	RESIDENT	1.28E-02	8.31E-05	5.86E-02	1.56E-04	0.07
6894834144186	689483	4144186	RESIDENT	1.29E-02	8.39E-05	5.89E-02	1.58E-04	0.07
6894884144186	689488	4144186	RESIDENT	1.30E-02	8.46E-05	5.93E-02	1.59E-04	0.07
6894934144186	689493	4144186	RESIDENT	1.30E-02	8.54E-05	5.96E-02	1.60E-04	0.07
6894984144186	689498	4144186	RESIDENT	1.31E-02	8.62E-05	5.99E-02	1.62E-04	0.07
6895034144186	689503	4144186	RESIDENT	1.32E-02	8.70E-05	6.03E-02	1.63E-04	0.07
6895084144186	689508	4144186	RESIDENT	1.33E-02	8.79E-05	6.07E-02	1.65E-04	0.07
6895134144186	689513	4144186	RESIDENT	1.33E-02	8.87E-05	6.10E-02	1.67E-04	0.07
6895184144186	689518	4144186	RESIDENT	1.34E-02	8.95E-05	6.14E-02	1.68E-04	0.08
6895234144186	689523	4144186	RESIDENT	1.35E-02	9.04E-05	6.18E-02	1.70E-04	0.08
6895284144186	689528	4144186	RESIDENT	1.36E-02	9.12E-05	6.22E-02	1.71E-04	0.08
6895334144186	689533	4144186	RESIDENT	1.37E-02	9.21E-05	6.26E-02	1.73E-04	0.08
6895384144186	689538	4144186	RESIDENT	1.38E-02	9.30E-05	6.30E-02	1.75E-04	0.08
6895434144186	689543	4144186	RESIDENT	1.39E-02	9.39E-05	6.34E-02	1.76E-04	0.08
6895484144186	689548	4144186	RESIDENT	1.40E-02	9.48E-05	6.38E-02	1.78E-04	0.08
6895534144186	689553	4144186	RESIDENT	1.41E-02	9.57E-05	6.43E-02	1.80E-04	0.08
6895584144186	689558	4144186	RESIDENT	1.42E-02	9.67E-05	6.47E-02	1.82E-04	0.08
6895634144186	689563	4144186	RESIDENT	1.43E-02	9.76E-05	6.52E-02	1.83E-04	0.08
6895684144186	689568	4144186	RESIDENT	1.44E-02	9.86E-05	6.57E-02	1.85E-04	0.08
6895734144186	689573	4144186	RESIDENT	1.45E-02	9.96E-05	6.62E-02	1.87E-04	0.08
6895784144186	689578	4144186	RESIDENT	1.46E-02	1.01E-04	6.67E-02	1.89E-04	0.08
6895834144186	689583	4144186	RESIDENT	1.47E-02	1.02E-04	6.72E-02	1.91E-04	0.08
6895884144186	689588	4144186	RESIDENT	1.48E-02	1.03E-04	6.77E-02	1.93E-04	0.08
6895934144186	689593	4144186	RESIDENT	1.49E-02	1.04E-04	6.83E-02	1.95E-04	0.08
6895984144186	689598	4144186	RESIDENT	1.51E-02	1.05E-04	6.88E-02	1.97E-04	0.08
6896034144186	689603	4144186	RESIDENT	1.52E-02	1.06E-04	6.94E-02	1.99E-04	0.08
6896084144186	689608	4144186	RESIDENT	1.53E-02	1.07E-04	7.00E-02	2.01E-04	0.09
6896134144186	689613	4144186	RESIDENT	1.54E-02	1.08E-04	7.06E-02	2.03E-04	0.09
6896184144186	689618	4144186	RESIDENT	1.56E-02	1.09E-04	7.12E-02	2.05E-04	0.09
6896234144186	689623	4144186	RESIDENT	1.57E-02	1.10E-04	7.19E-02	2.07E-04	0.09

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6896284144186	689628	4144186	RESIDENT	1.59E-02	1.11E-04	7.26E-02	2.09E-04	0.09
6896334144186	689633	4144186	RESIDENT	1.60E-02	1.13E-04	7.33E-02	2.11E-04	0.09
6896384144186	689638	4144186	RESIDENT	1.62E-02	1.14E-04	7.40E-02	2.14E-04	0.09
6896434144186	689643	4144186	RESIDENT	1.63E-02	1.15E-04	7.47E-02	2.16E-04	0.09
6896484144186	689648	4144186	RESIDENT	1.65E-02	1.16E-04	7.55E-02	2.18E-04	0.09
6894534144191	689453	4144191	RESIDENT	1.28E-02	7.98E-05	5.86E-02	1.50E-04	0.07
6894584144191	689458	4144191	RESIDENT	1.29E-02	8.05E-05	5.89E-02	1.51E-04	0.07
6894634144191	689463	4144191	RESIDENT	1.29E-02	8.12E-05	5.92E-02	1.53E-04	0.07
6894684144191	689468	4144191	RESIDENT	1.30E-02	8.19E-05	5.95E-02	1.54E-04	0.07
6894734144191	689473	4144191	RESIDENT	1.31E-02	8.27E-05	5.98E-02	1.55E-04	0.07
6894784144191	689478	4144191	RESIDENT	1.32E-02	8.34E-05	6.02E-02	1.57E-04	0.07
6894834144191	689483	4144191	RESIDENT	1.32E-02	8.42E-05	6.05E-02	1.58E-04	0.07
6894884144191	689488	4144191	RESIDENT	1.33E-02	8.50E-05	6.08E-02	1.60E-04	0.07
6894934144191	689493	4144191	RESIDENT	1.34E-02	8.58E-05	6.12E-02	1.61E-04	0.07
6894984144191	689498	4144191	RESIDENT	1.35E-02	8.66E-05	6.15E-02	1.63E-04	0.08
6895034144191	689503	4144191	RESIDENT	1.35E-02	8.74E-05	6.19E-02	1.64E-04	0.08
6895084144191	689508	4144191	RESIDENT	1.36E-02	8.82E-05	6.23E-02	1.66E-04	0.08
6895134144191	689513	4144191	RESIDENT	1.37E-02	8.90E-05	6.26E-02	1.67E-04	0.08
6895184144191	689518	4144191	RESIDENT	1.38E-02	8.99E-05	6.30E-02	1.69E-04	0.08
6895234144191	689523	4144191	RESIDENT	1.39E-02	9.07E-05	6.34E-02	1.70E-04	0.08
6895284144191	689528	4144191	RESIDENT	1.40E-02	9.16E-05	6.38E-02	1.72E-04	0.08
6895334144191	689533	4144191	RESIDENT	1.40E-02	9.25E-05	6.42E-02	1.74E-04	0.08
6895384144191	689538	4144191	RESIDENT	1.41E-02	9.33E-05	6.46E-02	1.75E-04	0.08
6895434144191	689543	4144191	RESIDENT	1.42E-02	9.42E-05	6.51E-02	1.77E-04	0.08
6895484144191	689548	4144191	RESIDENT	1.43E-02	9.52E-05	6.55E-02	1.79E-04	0.08
6895534144191	689553	4144191	RESIDENT	1.44E-02	9.61E-05	6.59E-02	1.80E-04	0.08
6895584144191	689558	4144191	RESIDENT	1.45E-02	9.70E-05	6.64E-02	1.82E-04	0.08
6895634144191	689563	4144191	RESIDENT	1.46E-02	9.80E-05	6.69E-02	1.84E-04	0.08
6895684144191	689568	4144191	RESIDENT	1.47E-02	9.89E-05	6.74E-02	1.86E-04	0.08
6895734144191	689573	4144191	RESIDENT	1.48E-02	9.99E-05	6.79E-02	1.88E-04	0.08
6895784144191	689578	4144191	RESIDENT	1.50E-02	1.01E-04	6.84E-02	1.90E-04	0.08
6895834144191	689583	4144191	RESIDENT	1.51E-02	1.02E-04	6.89E-02	1.91E-04	0.08
6895884144191	689588	4144191	RESIDENT	1.52E-02	1.03E-04	6.94E-02	1.93E-04	0.08
6895934144191	689593	4144191	RESIDENT	1.53E-02	1.04E-04	7.00E-02	1.95E-04	0.09
6895984144191	689598	4144191	RESIDENT	1.54E-02	1.05E-04	7.06E-02	1.97E-04	0.09
6896034144191	689603	4144191	RESIDENT	1.56E-02	1.06E-04	7.11E-02	1.99E-04	0.09
6896084144191	689608	4144191	RESIDENT	1.57E-02	1.07E-04	7.17E-02	2.01E-04	0.09
6896134144191	689613	4144191	RESIDENT	1.58E-02	1.08E-04	7.24E-02	2.03E-04	0.09
6896184144191	689618	4144191	RESIDENT	1.60E-02	1.09E-04	7.30E-02	2.06E-04	0.09
6896234144191	689623	4144191	RESIDENT	1.61E-02	1.11E-04	7.37E-02	2.08E-04	0.09
6896284144191	689628	4144191	RESIDENT	1.63E-02	1.12E-04	7.43E-02	2.10E-04	0.09
6896334144191	689633	4144191	RESIDENT	1.64E-02	1.13E-04	7.50E-02	2.12E-04	0.09
6896384144191	689638	4144191	RESIDENT	1.66E-02	1.14E-04	7.58E-02	2.14E-04	0.09
6896434144191	689643	4144191	RESIDENT	1.67E-02	1.15E-04	7.65E-02	2.17E-04	0.09
6896484144191	689648	4144191	RESIDENT	1.69E-02	1.17E-04	7.73E-02	2.19E-04	0.09
6894484144196	689448	4144196	RESIDENT	1.31E-02	7.94E-05	5.98E-02	1.49E-04	0.07

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6894534144196	689453	4144196	RESIDENT	1.31E-02	8.01E-05	6.01E-02	1.50E-04	0.07
6894584144196	689458	4144196	RESIDENT	1.32E-02	8.08E-05	6.04E-02	1.52E-04	0.07
6894634144196	689463	4144196	RESIDENT	1.33E-02	8.15E-05	6.08E-02	1.53E-04	0.07
6894684144196	689468	4144196	RESIDENT	1.34E-02	8.23E-05	6.11E-02	1.55E-04	0.07
6894734144196	689473	4144196	RESIDENT	1.34E-02	8.30E-05	6.14E-02	1.56E-04	0.08
6894784144196	689478	4144196	RESIDENT	1.35E-02	8.38E-05	6.18E-02	1.57E-04	0.08
6894834144196	689483	4144196	RESIDENT	1.36E-02	8.46E-05	6.21E-02	1.59E-04	0.08
6894884144196	689488	4144196	RESIDENT	1.37E-02	8.53E-05	6.25E-02	1.60E-04	0.08
6894934144196	689493	4144196	RESIDENT	1.37E-02	8.61E-05	6.28E-02	1.62E-04	0.08
6894984144196	689498	4144196	RESIDENT	1.38E-02	8.69E-05	6.32E-02	1.63E-04	0.08
6895034144196	689503	4144196	RESIDENT	1.39E-02	8.77E-05	6.36E-02	1.65E-04	0.08
6895084144196	689508	4144196	RESIDENT	1.40E-02	8.85E-05	6.39E-02	1.66E-04	0.08
6895134144196	689513	4144196	RESIDENT	1.41E-02	8.94E-05	6.43E-02	1.68E-04	0.08
6895184144196	689518	4144196	RESIDENT	1.42E-02	9.02E-05	6.47E-02	1.69E-04	0.08
6895234144196	689523	4144196	RESIDENT	1.42E-02	9.11E-05	6.51E-02	1.71E-04	0.08
6895284144196	689528	4144196	RESIDENT	1.43E-02	9.19E-05	6.55E-02	1.73E-04	0.08
6895334144196	689533	4144196	RESIDENT	1.44E-02	9.28E-05	6.60E-02	1.74E-04	0.08
6895384144196	689538	4144196	RESIDENT	1.45E-02	9.37E-05	6.64E-02	1.76E-04	0.08
6895434144196	689543	4144196	RESIDENT	1.46E-02	9.46E-05	6.68E-02	1.78E-04	0.08
6895484144196	689548	4144196	RESIDENT	1.47E-02	9.55E-05	6.73E-02	1.79E-04	0.08
6895534144196	689553	4144196	RESIDENT	1.48E-02	9.64E-05	6.77E-02	1.81E-04	0.08
6895584144196	689558	4144196	RESIDENT	1.49E-02	9.74E-05	6.82E-02	1.83E-04	0.08
6895634144196	689563	4144196	RESIDENT	1.50E-02	9.83E-05	6.87E-02	1.85E-04	0.08
6895684144196	689568	4144196	RESIDENT	1.51E-02	9.93E-05	6.92E-02	1.86E-04	0.08
6895734144196	689573	4144196	RESIDENT	1.52E-02	1.00E-04	6.97E-02	1.88E-04	0.09
6895784144196	689578	4144196	RESIDENT	1.54E-02	1.01E-04	7.02E-02	1.90E-04	0.09
6895834144196	689583	4144196	RESIDENT	1.55E-02	1.02E-04	7.07E-02	1.92E-04	0.09
6895884144196	689588	4144196	RESIDENT	1.56E-02	1.03E-04	7.13E-02	1.94E-04	0.09
6895934144196	689593	4144196	RESIDENT	1.57E-02	1.04E-04	7.18E-02	1.96E-04	0.09
6895984144196	689598	4144196	RESIDENT	1.58E-02	1.05E-04	7.24E-02	1.98E-04	0.09
6896034144196	689603	4144196	RESIDENT	1.60E-02	1.06E-04	7.30E-02	2.00E-04	0.09
6896084144196	689608	4144196	RESIDENT	1.61E-02	1.08E-04	7.36E-02	2.02E-04	0.09
6896134144196	689613	4144196	RESIDENT	1.62E-02	1.09E-04	7.42E-02	2.04E-04	0.09
6896184144196	689618	4144196	RESIDENT	1.64E-02	1.10E-04	7.49E-02	2.06E-04	0.09
6896234144196	689623	4144196	RESIDENT	1.65E-02	1.11E-04	7.55E-02	2.08E-04	0.09
6896284144196	689628	4144196	RESIDENT	1.67E-02	1.12E-04	7.62E-02	2.11E-04	0.09
6896334144196	689633	4144196	RESIDENT	1.68E-02	1.13E-04	7.69E-02	2.13E-04	0.09
6896384144196	689638	4144196	RESIDENT	1.70E-02	1.15E-04	7.76E-02	2.15E-04	0.09
6896434144196	689643	4144196	RESIDENT	1.71E-02	1.16E-04	7.84E-02	2.17E-04	0.10
6896484144196	689648	4144196	RESIDENT	1.73E-02	1.17E-04	7.92E-02	2.20E-04	0.10
6894484144201	689448	4144201	RESIDENT	1.34E-02	7.97E-05	6.14E-02	1.50E-04	0.08
6894534144201	689453	4144201	RESIDENT	1.35E-02	8.04E-05	6.17E-02	1.51E-04	0.08
6894584144201	689458	4144201	RESIDENT	1.36E-02	8.11E-05	6.21E-02	1.52E-04	0.08
6894634144201	689463	4144201	RESIDENT	1.36E-02	8.19E-05	6.24E-02	1.54E-04	0.08
6894684144201	689468	4144201	RESIDENT	1.37E-02	8.26E-05	6.27E-02	1.55E-04	0.08
6894734144201	689473	4144201	RESIDENT	1.38E-02	8.34E-05	6.31E-02	1.57E-04	0.08

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6894784144201	689478	4144201	RESIDENT	1.39E-02	8.41E-05	6.34E-02	1.58E-04	0.08
6894834144201	689483	4144201	RESIDENT	1.40E-02	8.49E-05	6.38E-02	1.59E-04	0.08
6894884144201	689488	4144201	RESIDENT	1.40E-02	8.57E-05	6.42E-02	1.61E-04	0.08
6894934144201	689493	4144201	RESIDENT	1.41E-02	8.65E-05	6.45E-02	1.62E-04	0.08
6894984144201	689498	4144201	RESIDENT	1.42E-02	8.73E-05	6.49E-02	1.64E-04	0.08
6895034144201	689503	4144201	RESIDENT	1.43E-02	8.81E-05	6.53E-02	1.65E-04	0.08
6895084144201	689508	4144201	RESIDENT	1.44E-02	8.89E-05	6.57E-02	1.67E-04	0.08
6895134144201	689513	4144201	RESIDENT	1.45E-02	8.97E-05	6.61E-02	1.68E-04	0.08
6895184144201	689518	4144201	RESIDENT	1.45E-02	9.06E-05	6.65E-02	1.70E-04	0.08
6895234144201	689523	4144201	RESIDENT	1.46E-02	9.14E-05	6.69E-02	1.72E-04	0.08
6895284144201	689528	4144201	RESIDENT	1.47E-02	9.23E-05	6.73E-02	1.73E-04	0.08
6895334144201	689533	4144201	RESIDENT	1.48E-02	9.31E-05	6.78E-02	1.75E-04	0.08
6895384144201	689538	4144201	RESIDENT	1.49E-02	9.40E-05	6.82E-02	1.77E-04	0.08
6895434144201	689543	4144201	RESIDENT	1.50E-02	9.49E-05	6.87E-02	1.78E-04	0.08
6895484144201	689548	4144201	RESIDENT	1.51E-02	9.58E-05	6.91E-02	1.80E-04	0.08
6895534144201	689553	4144201	RESIDENT	1.52E-02	9.68E-05	6.96E-02	1.82E-04	0.09
6895584144201	689558	4144201	RESIDENT	1.53E-02	9.77E-05	7.01E-02	1.84E-04	0.09
6895634144201	689563	4144201	RESIDENT	1.54E-02	9.87E-05	7.06E-02	1.85E-04	0.09
6895684144201	689568	4144201	RESIDENT	1.55E-02	9.96E-05	7.11E-02	1.87E-04	0.09
6895734144201	689573	4144201	RESIDENT	1.57E-02	1.01E-04	7.16E-02	1.89E-04	0.09
6895784144201	689578	4144201	RESIDENT	1.58E-02	1.02E-04	7.21E-02	1.91E-04	0.09
6895834144201	689583	4144201	RESIDENT	1.59E-02	1.03E-04	7.26E-02	1.93E-04	0.09
6895884144201	689588	4144201	RESIDENT	1.60E-02	1.04E-04	7.32E-02	1.95E-04	0.09
6895934144201	689593	4144201	RESIDENT	1.61E-02	1.05E-04	7.38E-02	1.97E-04	0.09
6895984144201	689598	4144201	RESIDENT	1.63E-02	1.06E-04	7.44E-02	1.99E-04	0.09
6896034144201	689603	4144201	RESIDENT	1.64E-02	1.07E-04	7.50E-02	2.01E-04	0.09
6896084144201	689608	4144201	RESIDENT	1.65E-02	1.08E-04	7.56E-02	2.03E-04	0.09
6896134144201	689613	4144201	RESIDENT	1.67E-02	1.09E-04	7.62E-02	2.05E-04	0.09
6896184144201	689618	4144201	RESIDENT	1.68E-02	1.10E-04	7.69E-02	2.07E-04	0.09
6896234144201	689623	4144201	RESIDENT	1.70E-02	1.11E-04	7.75E-02	2.09E-04	0.09
6896284144201	689628	4144201	RESIDENT	1.71E-02	1.12E-04	7.82E-02	2.11E-04	0.10
6896334144201	689633	4144201	RESIDENT	1.73E-02	1.14E-04	7.89E-02	2.14E-04	0.10
6896384144201	689638	4144201	RESIDENT	1.74E-02	1.15E-04	7.97E-02	2.16E-04	0.10
6896434144201	689643	4144201	RESIDENT	1.76E-02	1.16E-04	8.04E-02	2.18E-04	0.10
6896484144201	689648	4144201	RESIDENT	1.78E-02	1.17E-04	8.12E-02	2.20E-04	0.10
6894484144206	689448	4144206	RESIDENT	1.38E-02	8.00E-05	6.30E-02	1.50E-04	0.08
6894534144206	689453	4144206	RESIDENT	1.39E-02	8.08E-05	6.34E-02	1.52E-04	0.08
6894584144206	689458	4144206	RESIDENT	1.39E-02	8.15E-05	6.37E-02	1.53E-04	0.08
6894634144206	689463	4144206	RESIDENT	1.40E-02	8.22E-05	6.41E-02	1.54E-04	0.08
6894684144206	689468	4144206	RESIDENT	1.41E-02	8.29E-05	6.44E-02	1.56E-04	0.08
6894734144206	689473	4144206	RESIDENT	1.42E-02	8.37E-05	6.48E-02	1.57E-04	0.08
6894784144206	689478	4144206	RESIDENT	1.43E-02	8.45E-05	6.52E-02	1.59E-04	0.08
6894834144206	689483	4144206	RESIDENT	1.43E-02	8.52E-05	6.56E-02	1.60E-04	0.08
6894884144206	689488	4144206	RESIDENT	1.44E-02	8.60E-05	6.59E-02	1.62E-04	0.08
6894934144206	689493	4144206	RESIDENT	1.45E-02	8.68E-05	6.63E-02	1.63E-04	0.08
6894984144206	689498	4144206	RESIDENT	1.46E-02	8.76E-05	6.67E-02	1.65E-04	0.08

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6895034144206	689503	4144206	RESIDENT	1.47E-02	8.84E-05	6.71E-02	1.66E-04	0.08
6895084144206	689508	4144206	RESIDENT	1.48E-02	8.92E-05	6.75E-02	1.68E-04	0.08
6895134144206	689513	4144206	RESIDENT	1.49E-02	9.00E-05	6.79E-02	1.69E-04	0.08
6895184144206	689518	4144206	RESIDENT	1.50E-02	9.09E-05	6.84E-02	1.71E-04	0.08
6895234144206	689523	4144206	RESIDENT	1.50E-02	9.17E-05	6.88E-02	1.72E-04	0.08
6895284144206	689528	4144206	RESIDENT	1.51E-02	9.26E-05	6.92E-02	1.74E-04	0.08
6895334144206	689533	4144206	RESIDENT	1.52E-02	9.35E-05	6.97E-02	1.76E-04	0.09
6895384144206	689538	4144206	RESIDENT	1.53E-02	9.44E-05	7.01E-02	1.77E-04	0.09
6895434144206	689543	4144206	RESIDENT	1.54E-02	9.53E-05	7.06E-02	1.79E-04	0.09
6895484144206	689548	4144206	RESIDENT	1.55E-02	9.62E-05	7.11E-02	1.81E-04	0.09
6895534144206	689553	4144206	RESIDENT	1.56E-02	9.71E-05	7.16E-02	1.82E-04	0.09
6895584144206	689558	4144206	RESIDENT	1.58E-02	9.81E-05	7.20E-02	1.84E-04	0.09
6895634144206	689563	4144206	RESIDENT	1.59E-02	9.90E-05	7.26E-02	1.86E-04	0.09
6895684144206	689568	4144206	RESIDENT	1.60E-02	1.00E-04	7.31E-02	1.88E-04	0.09
6895734144206	689573	4144206	RESIDENT	1.61E-02	1.01E-04	7.36E-02	1.90E-04	0.09
6895784144206	689578	4144206	RESIDENT	1.62E-02	1.02E-04	7.41E-02	1.92E-04	0.09
6895834144206	689583	4144206	RESIDENT	1.63E-02	1.03E-04	7.47E-02	1.93E-04	0.09
6895884144206	689588	4144206	RESIDENT	1.65E-02	1.04E-04	7.52E-02	1.95E-04	0.09
6895934144206	689593	4144206	RESIDENT	1.66E-02	1.05E-04	7.58E-02	1.97E-04	0.09
6895984144206	689598	4144206	RESIDENT	1.67E-02	1.06E-04	7.64E-02	1.99E-04	0.09
6896034144206	689603	4144206	RESIDENT	1.68E-02	1.07E-04	7.70E-02	2.01E-04	0.09
6896084144206	689608	4144206	RESIDENT	1.70E-02	1.08E-04	7.77E-02	2.03E-04	0.09
6896134144206	689613	4144206	RESIDENT	1.71E-02	1.09E-04	7.83E-02	2.05E-04	0.10
6896184144206	689618	4144206	RESIDENT	1.73E-02	1.11E-04	7.90E-02	2.08E-04	0.10
6896234144206	689623	4144206	RESIDENT	1.74E-02	1.12E-04	7.96E-02	2.10E-04	0.10
6896284144206	689628	4144206	RESIDENT	1.76E-02	1.13E-04	8.03E-02	2.12E-04	0.10
6896334144206	689633	4144206	RESIDENT	1.77E-02	1.14E-04	8.11E-02	2.14E-04	0.10
6896384144206	689638	4144206	RESIDENT	1.79E-02	1.15E-04	8.18E-02	2.16E-04	0.10
6896434144206	689643	4144206	RESIDENT	1.81E-02	1.16E-04	8.26E-02	2.19E-04	0.10
6896484144206	689648	4144206	RESIDENT	1.82E-02	1.18E-04	8.34E-02	2.21E-04	0.10
6894484144211	689448	4144211	RESIDENT	1.42E-02	8.04E-05	6.47E-02	1.51E-04	0.08
6894534144211	689453	4144211	RESIDENT	1.42E-02	8.11E-05	6.51E-02	1.52E-04	0.08
6894584144211	689458	4144211	RESIDENT	1.43E-02	8.18E-05	6.55E-02	1.54E-04	0.08
6894634144211	689463	4144211	RESIDENT	1.44E-02	8.25E-05	6.58E-02	1.55E-04	0.08
6894684144211	689468	4144211	RESIDENT	1.45E-02	8.33E-05	6.62E-02	1.56E-04	0.08
6894734144211	689473	4144211	RESIDENT	1.46E-02	8.40E-05	6.66E-02	1.58E-04	0.08
6894784144211	689478	4144211	RESIDENT	1.46E-02	8.48E-05	6.70E-02	1.59E-04	0.08
6894834144211	689483	4144211	RESIDENT	1.47E-02	8.55E-05	6.74E-02	1.61E-04	0.08
6894884144211	689488	4144211	RESIDENT	1.48E-02	8.63E-05	6.78E-02	1.62E-04	0.08
6894934144211	689493	4144211	RESIDENT	1.49E-02	8.71E-05	6.82E-02	1.64E-04	0.08
6894984144211	689498	4144211	RESIDENT	1.50E-02	8.79E-05	6.86E-02	1.65E-04	0.08
6895034144211	689503	4144211	RESIDENT	1.51E-02	8.87E-05	6.90E-02	1.67E-04	0.08
6895084144211	689508	4144211	RESIDENT	1.52E-02	8.95E-05	6.94E-02	1.68E-04	0.08
6895134144211	689513	4144211	RESIDENT	1.53E-02	9.04E-05	6.99E-02	1.70E-04	0.09
6895184144211	689518	4144211	RESIDENT	1.54E-02	9.12E-05	7.03E-02	1.71E-04	0.09
6895234144211	689523	4144211	RESIDENT	1.55E-02	9.21E-05	7.07E-02	1.73E-04	0.09

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6895284144211	689528	4144211	RESIDENT	1.56E-02	9.29E-05	7.12E-02	1.75E-04	0.09
6895334144211	689533	4144211	RESIDENT	1.57E-02	9.38E-05	7.17E-02	1.76E-04	0.09
6895384144211	689538	4144211	RESIDENT	1.58E-02	9.47E-05	7.21E-02	1.78E-04	0.09
6895434144211	689543	4144211	RESIDENT	1.59E-02	9.56E-05	7.26E-02	1.80E-04	0.09
6895484144211	689548	4144211	RESIDENT	1.60E-02	9.65E-05	7.31E-02	1.81E-04	0.09
6895534144211	689553	4144211	RESIDENT	1.61E-02	9.74E-05	7.36E-02	1.83E-04	0.09
6895584144211	689558	4144211	RESIDENT	1.62E-02	9.84E-05	7.41E-02	1.85E-04	0.09
6895634144211	689563	4144211	RESIDENT	1.63E-02	9.93E-05	7.46E-02	1.87E-04	0.09
6895684144211	689568	4144211	RESIDENT	1.64E-02	1.00E-04	7.52E-02	1.88E-04	0.09
6895734144211	689573	4144211	RESIDENT	1.66E-02	1.01E-04	7.57E-02	1.90E-04	0.09
6895784144211	689578	4144211	RESIDENT	1.67E-02	1.02E-04	7.63E-02	1.92E-04	0.09
6895834144211	689583	4144211	RESIDENT	1.68E-02	1.03E-04	7.68E-02	1.94E-04	0.09
6895884144211	689588	4144211	RESIDENT	1.69E-02	1.04E-04	7.74E-02	1.96E-04	0.09
6895934144211	689593	4144211	RESIDENT	1.71E-02	1.05E-04	7.80E-02	1.98E-04	0.10
6895984144211	689598	4144211	RESIDENT	1.72E-02	1.06E-04	7.86E-02	2.00E-04	0.10
6896034144211	689603	4144211	RESIDENT	1.73E-02	1.08E-04	7.92E-02	2.02E-04	0.10
6896084144211	689608	4144211	RESIDENT	1.75E-02	1.09E-04	7.99E-02	2.04E-04	0.10
6896134144211	689613	4144211	RESIDENT	1.76E-02	1.10E-04	8.05E-02	2.06E-04	0.10
6896184144211	689618	4144211	RESIDENT	1.78E-02	1.11E-04	8.12E-02	2.08E-04	0.10
6896234144211	689623	4144211	RESIDENT	1.79E-02	1.12E-04	8.19E-02	2.10E-04	0.10
6896284144211	689628	4144211	RESIDENT	1.81E-02	1.13E-04	8.26E-02	2.13E-04	0.10
6896334144211	689633	4144211	RESIDENT	1.82E-02	1.14E-04	8.33E-02	2.15E-04	0.10
6896384144211	689638	4144211	RESIDENT	1.84E-02	1.16E-04	8.41E-02	2.17E-04	0.10
6896434144211	689643	4144211	RESIDENT	1.86E-02	1.17E-04	8.49E-02	2.19E-04	0.10
6896484144211	689648	4144211	RESIDENT	1.87E-02	1.18E-04	8.57E-02	2.22E-04	0.10
6894484144216	689448	4144216	RESIDENT	1.45E-02	8.07E-05	6.65E-02	1.52E-04	0.08
6894534144216	689453	4144216	RESIDENT	1.46E-02	8.14E-05	6.68E-02	1.53E-04	0.08
6894584144216	689458	4144216	RESIDENT	1.47E-02	8.21E-05	6.72E-02	1.54E-04	0.08
6894634144216	689463	4144216	RESIDENT	1.48E-02	8.28E-05	6.76E-02	1.56E-04	0.08
6894684144216	689468	4144216	RESIDENT	1.49E-02	8.36E-05	6.80E-02	1.57E-04	0.08
6894734144216	689473	4144216	RESIDENT	1.50E-02	8.43E-05	6.84E-02	1.58E-04	0.08
6894784144216	689478	4144216	RESIDENT	1.51E-02	8.51E-05	6.88E-02	1.60E-04	0.08
6894834144216	689483	4144216	RESIDENT	1.51E-02	8.59E-05	6.92E-02	1.61E-04	0.08
6894884144216	689488	4144216	RESIDENT	1.52E-02	8.66E-05	6.97E-02	1.63E-04	0.09
6894934144216	689493	4144216	RESIDENT	1.53E-02	8.74E-05	7.01E-02	1.64E-04	0.09
6894984144216	689498	4144216	RESIDENT	1.54E-02	8.82E-05	7.05E-02	1.66E-04	0.09
6895034144216	689503	4144216	RESIDENT	1.55E-02	8.90E-05	7.10E-02	1.67E-04	0.09
6895084144216	689508	4144216	RESIDENT	1.56E-02	8.99E-05	7.14E-02	1.69E-04	0.09
6895134144216	689513	4144216	RESIDENT	1.57E-02	9.07E-05	7.19E-02	1.70E-04	0.09
6895184144216	689518	4144216	RESIDENT	1.58E-02	9.15E-05	7.23E-02	1.72E-04	0.09
6895234144216	689523	4144216	RESIDENT	1.59E-02	9.24E-05	7.28E-02	1.74E-04	0.09
6895284144216	689528	4144216	RESIDENT	1.60E-02	9.33E-05	7.32E-02	1.75E-04	0.09
6895334144216	689533	4144216	RESIDENT	1.61E-02	9.41E-05	7.37E-02	1.77E-04	0.09
6895384144216	689538	4144216	RESIDENT	1.62E-02	9.50E-05	7.42E-02	1.78E-04	0.09
6895434144216	689543	4144216	RESIDENT	1.63E-02	9.59E-05	7.47E-02	1.80E-04	0.09
6895484144216	689548	4144216	RESIDENT	1.65E-02	9.68E-05	7.52E-02	1.82E-04	0.09

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6895534144216	689553	4144216	RESIDENT	1.66E-02	9.78E-05	7.58E-02	1.84E-04	0.09
6895584144216	689558	4144216	RESIDENT	1.67E-02	9.87E-05	7.63E-02	1.85E-04	0.09
6895634144216	689563	4144216	RESIDENT	1.68E-02	9.97E-05	7.68E-02	1.87E-04	0.09
6895684144216	689568	4144216	RESIDENT	1.69E-02	1.01E-04	7.74E-02	1.89E-04	0.09
6895734144216	689573	4144216	RESIDENT	1.70E-02	1.02E-04	7.79E-02	1.91E-04	0.10
6895784144216	689578	4144216	RESIDENT	1.72E-02	1.03E-04	7.85E-02	1.93E-04	0.10
6895834144216	689583	4144216	RESIDENT	1.73E-02	1.04E-04	7.91E-02	1.95E-04	0.10
6895884144216	689588	4144216	RESIDENT	1.74E-02	1.05E-04	7.97E-02	1.97E-04	0.10
6895934144216	689593	4144216	RESIDENT	1.76E-02	1.06E-04	8.03E-02	1.99E-04	0.10
6895984144216	689598	4144216	RESIDENT	1.77E-02	1.07E-04	8.09E-02	2.01E-04	0.10
6896034144216	689603	4144216	RESIDENT	1.78E-02	1.08E-04	8.16E-02	2.03E-04	0.10
6896084144216	689608	4144216	RESIDENT	1.80E-02	1.09E-04	8.22E-02	2.05E-04	0.10
6896134144216	689613	4144216	RESIDENT	1.81E-02	1.10E-04	8.29E-02	2.07E-04	0.10
6896184144216	689618	4144216	RESIDENT	1.83E-02	1.11E-04	8.36E-02	2.09E-04	0.10
6896234144216	689623	4144216	RESIDENT	1.84E-02	1.12E-04	8.43E-02	2.11E-04	0.10
6896284144216	689628	4144216	RESIDENT	1.86E-02	1.14E-04	8.50E-02	2.13E-04	0.10
6896334144216	689633	4144216	RESIDENT	1.88E-02	1.15E-04	8.58E-02	2.15E-04	0.10
6896384144216	689638	4144216	RESIDENT	1.89E-02	1.16E-04	8.65E-02	2.18E-04	0.11
6896434144216	689643	4144216	RESIDENT	1.91E-02	1.17E-04	8.73E-02	2.20E-04	0.11
6896484144216	689648	4144216	RESIDENT	1.93E-02	1.18E-04	8.81E-02	2.22E-04	0.11
6894484144221	689448	4144221	RESIDENT	1.49E-02	8.10E-05	6.83E-02	1.52E-04	0.08
6894534144221	689453	4144221	RESIDENT	1.50E-02	8.17E-05	6.87E-02	1.53E-04	0.08
6894584144221	689458	4144221	RESIDENT	1.51E-02	8.24E-05	6.91E-02	1.55E-04	0.08
6894634144221	689463	4144221	RESIDENT	1.52E-02	8.32E-05	6.95E-02	1.56E-04	0.08
6894684144221	689468	4144221	RESIDENT	1.53E-02	8.39E-05	6.99E-02	1.58E-04	0.09
6894734144221	689473	4144221	RESIDENT	1.54E-02	8.46E-05	7.03E-02	1.59E-04	0.09
6894784144221	689478	4144221	RESIDENT	1.55E-02	8.54E-05	7.07E-02	1.60E-04	0.09
6894834144221	689483	4144221	RESIDENT	1.56E-02	8.62E-05	7.12E-02	1.62E-04	0.09
6894884144221	689488	4144221	RESIDENT	1.57E-02	8.70E-05	7.16E-02	1.63E-04	0.09
6894934144221	689493	4144221	RESIDENT	1.58E-02	8.77E-05	7.21E-02	1.65E-04	0.09
6894984144221	689498	4144221	RESIDENT	1.59E-02	8.85E-05	7.25E-02	1.66E-04	0.09
6895034144221	689503	4144221	RESIDENT	1.60E-02	8.94E-05	7.30E-02	1.68E-04	0.09
6895084144221	689508	4144221	RESIDENT	1.61E-02	9.02E-05	7.35E-02	1.69E-04	0.09
6895134144221	689513	4144221	RESIDENT	1.62E-02	9.10E-05	7.39E-02	1.71E-04	0.09
6895184144221	689518	4144221	RESIDENT	1.63E-02	9.19E-05	7.44E-02	1.73E-04	0.09
6895234144221	689523	4144221	RESIDENT	1.64E-02	9.27E-05	7.49E-02	1.74E-04	0.09
6895284144221	689528	4144221	RESIDENT	1.65E-02	9.36E-05	7.54E-02	1.76E-04	0.09
6895334144221	689533	4144221	RESIDENT	1.66E-02	9.45E-05	7.59E-02	1.77E-04	0.09
6895384144221	689538	4144221	RESIDENT	1.67E-02	9.53E-05	7.64E-02	1.79E-04	0.09
6895434144221	689543	4144221	RESIDENT	1.68E-02	9.63E-05	7.69E-02	1.81E-04	0.09
6895484144221	689548	4144221	RESIDENT	1.69E-02	9.72E-05	7.75E-02	1.83E-04	0.09
6895534144221	689553	4144221	RESIDENT	1.71E-02	9.81E-05	7.80E-02	1.84E-04	0.10
6895584144221	689558	4144221	RESIDENT	1.72E-02	9.90E-05	7.85E-02	1.86E-04	0.10
6895634144221	689563	4144221	RESIDENT	1.73E-02	1.00E-04	7.91E-02	1.88E-04	0.10
6895684144221	689568	4144221	RESIDENT	1.74E-02	1.01E-04	7.97E-02	1.90E-04	0.10
6895734144221	689573	4144221	RESIDENT	1.76E-02	1.02E-04	8.03E-02	1.92E-04	0.10

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6895784144221	689578	4144221	RESIDENT	1.77E-02	1.03E-04	8.08E-02	1.93E-04	0.10
6895834144221	689583	4144221	RESIDENT	1.78E-02	1.04E-04	8.15E-02	1.95E-04	0.10
6895884144221	689588	4144221	RESIDENT	1.80E-02	1.05E-04	8.21E-02	1.97E-04	0.10
6895934144221	689593	4144221	RESIDENT	1.81E-02	1.06E-04	8.27E-02	1.99E-04	0.10
6895984144221	689598	4144221	RESIDENT	1.82E-02	1.07E-04	8.34E-02	2.01E-04	0.10
6896034144221	689603	4144221	RESIDENT	1.84E-02	1.08E-04	8.40E-02	2.03E-04	0.10
6896084144221	689608	4144221	RESIDENT	1.85E-02	1.09E-04	8.47E-02	2.05E-04	0.10
6896134144221	689613	4144221	RESIDENT	1.87E-02	1.10E-04	8.54E-02	2.07E-04	0.10
6896184144221	689618	4144221	RESIDENT	1.88E-02	1.12E-04	8.61E-02	2.10E-04	0.11
6896234144221	689623	4144221	RESIDENT	1.90E-02	1.13E-04	8.68E-02	2.12E-04	0.11
6896284144221	689628	4144221	RESIDENT	1.92E-02	1.14E-04	8.76E-02	2.14E-04	0.11
6896334144221	689633	4144221	RESIDENT	1.93E-02	1.15E-04	8.83E-02	2.16E-04	0.11
6896384144221	689638	4144221	RESIDENT	1.95E-02	1.16E-04	8.91E-02	2.18E-04	0.11
6896434144221	689643	4144221	RESIDENT	1.97E-02	1.18E-04	8.99E-02	2.21E-04	0.11
6896484144221	689648	4144221	RESIDENT	1.98E-02	1.19E-04	9.08E-02	2.23E-04	0.11
6894484144226	689448	4144226	RESIDENT	1.53E-02	8.13E-05	7.01E-02	1.53E-04	0.09
6894534144226	689453	4144226	RESIDENT	1.54E-02	8.20E-05	7.05E-02	1.54E-04	0.09
6894584144226	689458	4144226	RESIDENT	1.55E-02	8.27E-05	7.09E-02	1.55E-04	0.09
6894634144226	689463	4144226	RESIDENT	1.56E-02	8.35E-05	7.14E-02	1.57E-04	0.09
6894684144226	689468	4144226	RESIDENT	1.57E-02	8.42E-05	7.18E-02	1.58E-04	0.09
6894734144226	689473	4144226	RESIDENT	1.58E-02	8.50E-05	7.23E-02	1.60E-04	0.09
6894784144226	689478	4144226	RESIDENT	1.59E-02	8.57E-05	7.27E-02	1.61E-04	0.09
6894834144226	689483	4144226	RESIDENT	1.60E-02	8.65E-05	7.32E-02	1.62E-04	0.09
6894884144226	689488	4144226	RESIDENT	1.61E-02	8.73E-05	7.36E-02	1.64E-04	0.09
6894934144226	689493	4144226	RESIDENT	1.62E-02	8.81E-05	7.41E-02	1.65E-04	0.09
6894984144226	689498	4144226	RESIDENT	1.63E-02	8.89E-05	7.46E-02	1.67E-04	0.09
6895034144226	689503	4144226	RESIDENT	1.64E-02	8.97E-05	7.51E-02	1.68E-04	0.09
6895084144226	689508	4144226	RESIDENT	1.65E-02	9.05E-05	7.56E-02	1.70E-04	0.09
6895134144226	689513	4144226	RESIDENT	1.66E-02	9.13E-05	7.61E-02	1.72E-04	0.09
6895184144226	689518	4144226	RESIDENT	1.67E-02	9.22E-05	7.66E-02	1.73E-04	0.09
6895234144226	689523	4144226	RESIDENT	1.69E-02	9.30E-05	7.71E-02	1.75E-04	0.09
6895284144226	689528	4144226	RESIDENT	1.70E-02	9.39E-05	7.76E-02	1.76E-04	0.09
6895334144226	689533	4144226	RESIDENT	1.71E-02	9.48E-05	7.81E-02	1.78E-04	0.10
6895384144226	689538	4144226	RESIDENT	1.72E-02	9.57E-05	7.87E-02	1.80E-04	0.10
6895434144226	689543	4144226	RESIDENT	1.73E-02	9.66E-05	7.92E-02	1.81E-04	0.10
6895484144226	689548	4144226	RESIDENT	1.74E-02	9.75E-05	7.98E-02	1.83E-04	0.10
6895534144226	689553	4144226	RESIDENT	1.76E-02	9.84E-05	8.03E-02	1.85E-04	0.10
6895584144226	689558	4144226	RESIDENT	1.77E-02	9.94E-05	8.09E-02	1.87E-04	0.10
6895634144226	689563	4144226	RESIDENT	1.78E-02	1.00E-04	8.15E-02	1.88E-04	0.10
6895684144226	689568	4144226	RESIDENT	1.80E-02	1.01E-04	8.21E-02	1.90E-04	0.10
6895734144226	689573	4144226	RESIDENT	1.81E-02	1.02E-04	8.27E-02	1.92E-04	0.10
6895784144226	689578	4144226	RESIDENT	1.82E-02	1.03E-04	8.33E-02	1.94E-04	0.10
6895834144226	689583	4144226	RESIDENT	1.84E-02	1.04E-04	8.39E-02	1.96E-04	0.10
6895884144226	689588	4144226	RESIDENT	1.85E-02	1.05E-04	8.46E-02	1.98E-04	0.10
6895934144226	689593	4144226	RESIDENT	1.86E-02	1.06E-04	8.52E-02	2.00E-04	0.10
6895984144226	689598	4144226	RESIDENT	1.88E-02	1.07E-04	8.59E-02	2.02E-04	0.11

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6896034144226	689603	4144226	RESIDENT	1.89E-02	1.09E-04	8.66E-02	2.04E-04	0.11
6896084144226	689608	4144226	RESIDENT	1.91E-02	1.10E-04	8.73E-02	2.06E-04	0.11
6896134144226	689613	4144226	RESIDENT	1.92E-02	1.11E-04	8.80E-02	2.08E-04	0.11
6896184144226	689618	4144226	RESIDENT	1.94E-02	1.12E-04	8.87E-02	2.10E-04	0.11
6896234144226	689623	4144226	RESIDENT	1.96E-02	1.13E-04	8.95E-02	2.12E-04	0.11
6896284144226	689628	4144226	RESIDENT	1.97E-02	1.14E-04	9.03E-02	2.15E-04	0.11
6896334144226	689633	4144226	RESIDENT	1.99E-02	1.15E-04	9.10E-02	2.17E-04	0.11
6896384144226	689638	4144226	RESIDENT	2.01E-02	1.17E-04	9.19E-02	2.19E-04	0.11
6896434144226	689643	4144226	RESIDENT	2.03E-02	1.18E-04	9.27E-02	2.21E-04	0.11
6896484144226	689648	4144226	RESIDENT	2.05E-02	1.19E-04	9.35E-02	2.24E-04	0.11
6894484144231	689448	4144231	RESIDENT	1.57E-02	8.16E-05	7.20E-02	1.53E-04	0.09
6894534144231	689453	4144231	RESIDENT	1.58E-02	8.23E-05	7.24E-02	1.55E-04	0.09
6894584144231	689458	4144231	RESIDENT	1.59E-02	8.30E-05	7.29E-02	1.56E-04	0.09
6894634144231	689463	4144231	RESIDENT	1.60E-02	8.38E-05	7.33E-02	1.57E-04	0.09
6894684144231	689468	4144231	RESIDENT	1.61E-02	8.45E-05	7.38E-02	1.59E-04	0.09
6894734144231	689473	4144231	RESIDENT	1.62E-02	8.53E-05	7.43E-02	1.60E-04	0.09
6894784144231	689478	4144231	RESIDENT	1.63E-02	8.60E-05	7.47E-02	1.62E-04	0.09
6894834144231	689483	4144231	RESIDENT	1.65E-02	8.68E-05	7.52E-02	1.63E-04	0.09
6894884144231	689488	4144231	RESIDENT	1.66E-02	8.76E-05	7.57E-02	1.64E-04	0.09
6894934144231	689493	4144231	RESIDENT	1.67E-02	8.84E-05	7.62E-02	1.66E-04	0.09
6894984144231	689498	4144231	RESIDENT	1.68E-02	8.92E-05	7.67E-02	1.67E-04	0.09
6895034144231	689503	4144231	RESIDENT	1.69E-02	9.00E-05	7.72E-02	1.69E-04	0.09
6895084144231	689508	4144231	RESIDENT	1.70E-02	9.08E-05	7.77E-02	1.71E-04	0.10
6895134144231	689513	4144231	RESIDENT	1.71E-02	9.16E-05	7.83E-02	1.72E-04	0.10
6895184144231	689518	4144231	RESIDENT	1.72E-02	9.25E-05	7.88E-02	1.74E-04	0.10
6895234144231	689523	4144231	RESIDENT	1.74E-02	9.33E-05	7.93E-02	1.75E-04	0.10
6895284144231	689528	4144231	RESIDENT	1.75E-02	9.42E-05	7.99E-02	1.77E-04	0.10
6895334144231	689533	4144231	RESIDENT	1.76E-02	9.51E-05	8.04E-02	1.79E-04	0.10
6895384144231	689538	4144231	RESIDENT	1.77E-02	9.60E-05	8.10E-02	1.80E-04	0.10
6895434144231	689543	4144231	RESIDENT	1.78E-02	9.69E-05	8.16E-02	1.82E-04	0.10
6895484144231	689548	4144231	RESIDENT	1.80E-02	9.78E-05	8.22E-02	1.84E-04	0.10
6895534144231	689553	4144231	RESIDENT	1.81E-02	9.87E-05	8.27E-02	1.85E-04	0.10
6895584144231	689558	4144231	RESIDENT	1.82E-02	9.97E-05	8.33E-02	1.87E-04	0.10
6895634144231	689563	4144231	RESIDENT	1.84E-02	1.01E-04	8.40E-02	1.89E-04	0.10
6895684144231	689568	4144231	RESIDENT	1.85E-02	1.02E-04	8.46E-02	1.91E-04	0.10
6895734144231	689573	4144231	RESIDENT	1.86E-02	1.03E-04	8.52E-02	1.93E-04	0.10
6895784144231	689578	4144231	RESIDENT	1.88E-02	1.04E-04	8.59E-02	1.95E-04	0.10
6895834144231	689583	4144231	RESIDENT	1.89E-02	1.05E-04	8.65E-02	1.97E-04	0.11
6895884144231	689588	4144231	RESIDENT	1.91E-02	1.06E-04	8.72E-02	1.98E-04	0.11
6895934144231	689593	4144231	RESIDENT	1.92E-02	1.07E-04	8.79E-02	2.00E-04	0.11
6895984144231	689598	4144231	RESIDENT	1.94E-02	1.08E-04	8.86E-02	2.02E-04	0.11
6896034144231	689603	4144231	RESIDENT	1.95E-02	1.09E-04	8.93E-02	2.04E-04	0.11
6896084144231	689608	4144231	RESIDENT	1.97E-02	1.10E-04	9.00E-02	2.07E-04	0.11
6896134144231	689613	4144231	RESIDENT	1.98E-02	1.11E-04	9.08E-02	2.09E-04	0.11
6896184144231	689618	4144231	RESIDENT	2.00E-02	1.12E-04	9.15E-02	2.11E-04	0.11
6896234144231	689623	4144231	RESIDENT	2.02E-02	1.13E-04	9.23E-02	2.13E-04	0.11

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6896284144231	689628	4144231	RESIDENT	2.04E-02	1.15E-04	9.31E-02	2.15E-04	0.11
6896334144231	689633	4144231	RESIDENT	2.05E-02	1.16E-04	9.39E-02	2.17E-04	0.11
6896384144231	689638	4144231	RESIDENT	2.07E-02	1.17E-04	9.47E-02	2.20E-04	0.12
6896434144231	689643	4144231	RESIDENT	2.09E-02	1.18E-04	9.56E-02	2.22E-04	0.12
6896484144231	689648	4144231	RESIDENT	2.11E-02	1.19E-04	9.65E-02	2.24E-04	0.12
6894484144236	689448	4144236	RESIDENT	1.62E-02	8.19E-05	7.39E-02	1.54E-04	0.09
6894534144236	689453	4144236	RESIDENT	1.63E-02	8.26E-05	7.43E-02	1.55E-04	0.09
6894584144236	689458	4144236	RESIDENT	1.64E-02	8.33E-05	7.48E-02	1.57E-04	0.09
6894634144236	689463	4144236	RESIDENT	1.65E-02	8.41E-05	7.53E-02	1.58E-04	0.09
6894684144236	689468	4144236	RESIDENT	1.66E-02	8.48E-05	7.58E-02	1.59E-04	0.09
6894734144236	689473	4144236	RESIDENT	1.67E-02	8.56E-05	7.63E-02	1.61E-04	0.09
6894784144236	689478	4144236	RESIDENT	1.68E-02	8.63E-05	7.68E-02	1.62E-04	0.09
6894834144236	689483	4144236	RESIDENT	1.69E-02	8.71E-05	7.73E-02	1.64E-04	0.09
6894884144236	689488	4144236	RESIDENT	1.70E-02	8.79E-05	7.78E-02	1.65E-04	0.10
6894934144236	689493	4144236	RESIDENT	1.71E-02	8.87E-05	7.84E-02	1.67E-04	0.10
6894984144236	689498	4144236	RESIDENT	1.73E-02	8.95E-05	7.89E-02	1.68E-04	0.10
6895034144236	689503	4144236	RESIDENT	1.74E-02	9.03E-05	7.94E-02	1.70E-04	0.10
6895084144236	689508	4144236	RESIDENT	1.75E-02	9.11E-05	8.00E-02	1.71E-04	0.10
6895134144236	689513	4144236	RESIDENT	1.76E-02	9.19E-05	8.05E-02	1.73E-04	0.10
6895184144236	689518	4144236	RESIDENT	1.77E-02	9.28E-05	8.11E-02	1.74E-04	0.10
6895234144236	689523	4144236	RESIDENT	1.79E-02	9.36E-05	8.17E-02	1.76E-04	0.10
6895284144236	689528	4144236	RESIDENT	1.80E-02	9.45E-05	8.22E-02	1.78E-04	0.10
6895334144236	689533	4144236	RESIDENT	1.81E-02	9.54E-05	8.28E-02	1.79E-04	0.10
6895384144236	689538	4144236	RESIDENT	1.82E-02	9.63E-05	8.34E-02	1.81E-04	0.10
6895434144236	689543	4144236	RESIDENT	1.84E-02	9.72E-05	8.40E-02	1.83E-04	0.10
6895484144236	689548	4144236	RESIDENT	1.85E-02	9.81E-05	8.46E-02	1.84E-04	0.10
6895534144236	689553	4144236	RESIDENT	1.86E-02	9.90E-05	8.53E-02	1.86E-04	0.10
6895584144236	689558	4144236	RESIDENT	1.88E-02	1.00E-04	8.59E-02	1.88E-04	0.10
6895634144236	689563	4144236	RESIDENT	1.89E-02	1.01E-04	8.65E-02	1.90E-04	0.11
6895684144236	689568	4144236	RESIDENT	1.91E-02	1.02E-04	8.72E-02	1.91E-04	0.11
6895734144236	689573	4144236	RESIDENT	1.92E-02	1.03E-04	8.78E-02	1.93E-04	0.11
6895784144236	689578	4144236	RESIDENT	1.94E-02	1.04E-04	8.85E-02	1.95E-04	0.11
6895834144236	689583	4144236	RESIDENT	1.95E-02	1.05E-04	8.92E-02	1.97E-04	0.11
6895884144236	689588	4144236	RESIDENT	1.97E-02	1.06E-04	8.99E-02	1.99E-04	0.11
6895934144236	689593	4144236	RESIDENT	1.98E-02	1.07E-04	9.06E-02	2.01E-04	0.11
6895984144236	689598	4144236	RESIDENT	2.00E-02	1.08E-04	9.14E-02	2.03E-04	0.11
6896034144236	689603	4144236	RESIDENT	2.01E-02	1.09E-04	9.21E-02	2.05E-04	0.11
6896084144236	689608	4144236	RESIDENT	2.03E-02	1.10E-04	9.29E-02	2.07E-04	0.11
6896134144236	689613	4144236	RESIDENT	2.05E-02	1.11E-04	9.36E-02	2.09E-04	0.11
6896184144236	689618	4144236	RESIDENT	2.07E-02	1.13E-04	9.44E-02	2.11E-04	0.12
6896234144236	689623	4144236	RESIDENT	2.08E-02	1.14E-04	9.52E-02	2.14E-04	0.12
6896284144236	689628	4144236	RESIDENT	2.10E-02	1.15E-04	9.61E-02	2.16E-04	0.12
6896334144236	689633	4144236	RESIDENT	2.12E-02	1.16E-04	9.69E-02	2.18E-04	0.12
6896384144236	689638	4144236	RESIDENT	2.14E-02	1.17E-04	9.78E-02	2.20E-04	0.12
6896434144236	689643	4144236	RESIDENT	2.16E-02	1.19E-04	9.87E-02	2.23E-04	0.12
6896484144236	689648	4144236	RESIDENT	2.18E-02	1.20E-04	9.96E-02	2.25E-04	0.12

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6894484144241	689448	4144241	RESIDENT	1.66E-02	8.22E-05	7.58E-02	1.54E-04	0.09
6894534144241	689453	4144241	RESIDENT	1.67E-02	8.29E-05	7.63E-02	1.56E-04	0.09
6894584144241	689458	4144241	RESIDENT	1.68E-02	8.36E-05	7.68E-02	1.57E-04	0.09
6894634144241	689463	4144241	RESIDENT	1.69E-02	8.44E-05	7.73E-02	1.58E-04	0.09
6894684144241	689468	4144241	RESIDENT	1.70E-02	8.51E-05	7.79E-02	1.60E-04	0.10
6894734144241	689473	4144241	RESIDENT	1.71E-02	8.58E-05	7.84E-02	1.61E-04	0.10
6894784144241	689478	4144241	RESIDENT	1.73E-02	8.66E-05	7.89E-02	1.63E-04	0.10
6894834144241	689483	4144241	RESIDENT	1.74E-02	8.74E-05	7.95E-02	1.64E-04	0.10
6894884144241	689488	4144241	RESIDENT	1.75E-02	8.82E-05	8.00E-02	1.66E-04	0.10
6894934144241	689493	4144241	RESIDENT	1.76E-02	8.90E-05	8.06E-02	1.67E-04	0.10
6894984144241	689498	4144241	RESIDENT	1.77E-02	8.98E-05	8.11E-02	1.69E-04	0.10
6895034144241	689503	4144241	RESIDENT	1.79E-02	9.06E-05	8.17E-02	1.70E-04	0.10
6895084144241	689508	4144241	RESIDENT	1.80E-02	9.14E-05	8.23E-02	1.72E-04	0.10
6895134144241	689513	4144241	RESIDENT	1.81E-02	9.22E-05	8.29E-02	1.73E-04	0.10
6895184144241	689518	4144241	RESIDENT	1.83E-02	9.31E-05	8.35E-02	1.75E-04	0.10
6895234144241	689523	4144241	RESIDENT	1.84E-02	9.39E-05	8.41E-02	1.76E-04	0.10
6895284144241	689528	4144241	RESIDENT	1.85E-02	9.48E-05	8.47E-02	1.78E-04	0.10
6895334144241	689533	4144241	RESIDENT	1.87E-02	9.57E-05	8.53E-02	1.80E-04	0.10
6895384144241	689538	4144241	RESIDENT	1.88E-02	9.66E-05	8.59E-02	1.81E-04	0.10
6895434144241	689543	4144241	RESIDENT	1.89E-02	9.75E-05	8.65E-02	1.83E-04	0.11
6895484144241	689548	4144241	RESIDENT	1.91E-02	9.84E-05	8.72E-02	1.85E-04	0.11
6895534144241	689553	4144241	RESIDENT	1.92E-02	9.94E-05	8.78E-02	1.87E-04	0.11
6895584144241	689558	4144241	RESIDENT	1.94E-02	1.00E-04	8.85E-02	1.88E-04	0.11
6895634144241	689563	4144241	RESIDENT	1.95E-02	1.01E-04	8.92E-02	1.90E-04	0.11
6895684144241	689568	4144241	RESIDENT	1.97E-02	1.02E-04	8.99E-02	1.92E-04	0.11
6895734144241	689573	4144241	RESIDENT	1.98E-02	1.03E-04	9.06E-02	1.94E-04	0.11
6895784144241	689578	4144241	RESIDENT	2.00E-02	1.04E-04	9.13E-02	1.96E-04	0.11
6895834144241	689583	4144241	RESIDENT	2.01E-02	1.05E-04	9.20E-02	1.98E-04	0.11
6895884144241	689588	4144241	RESIDENT	2.03E-02	1.06E-04	9.28E-02	2.00E-04	0.11
6895934144241	689593	4144241	RESIDENT	2.05E-02	1.07E-04	9.35E-02	2.02E-04	0.11
6895984144241	689598	4144241	RESIDENT	2.06E-02	1.08E-04	9.43E-02	2.04E-04	0.12
6896034144241	689603	4144241	RESIDENT	2.08E-02	1.10E-04	9.51E-02	2.06E-04	0.12
6896084144241	689608	4144241	RESIDENT	2.10E-02	1.11E-04	9.58E-02	2.08E-04	0.12
6896134144241	689613	4144241	RESIDENT	2.11E-02	1.12E-04	9.67E-02	2.10E-04	0.12
6896184144241	689618	4144241	RESIDENT	2.13E-02	1.13E-04	9.75E-02	2.12E-04	0.12
6896234144241	689623	4144241	RESIDENT	2.15E-02	1.14E-04	9.83E-02	2.14E-04	0.12
6896284144241	689628	4144241	RESIDENT	2.17E-02	1.15E-04	9.92E-02	2.16E-04	0.12
6896334144241	689633	4144241	RESIDENT	2.19E-02	1.16E-04	1.00E-01	2.19E-04	0.12
6896384144241	689638	4144241	RESIDENT	2.21E-02	1.18E-04	1.01E-01	2.21E-04	0.12
6896434144241	689643	4144241	RESIDENT	2.23E-02	1.19E-04	1.02E-01	2.23E-04	0.12
6896484144241	689648	4144241	RESIDENT	2.25E-02	1.20E-04	1.03E-01	2.26E-04	0.13
6894484144246	689448	4144246	RESIDENT	1.70E-02	8.25E-05	7.78E-02	1.55E-04	0.10
6894534144246	689453	4144246	RESIDENT	1.71E-02	8.32E-05	7.83E-02	1.56E-04	0.10
6894584144246	689458	4144246	RESIDENT	1.72E-02	8.39E-05	7.89E-02	1.58E-04	0.10
6894634144246	689463	4144246	RESIDENT	1.74E-02	8.46E-05	7.94E-02	1.59E-04	0.10
6894684144246	689468	4144246	RESIDENT	1.75E-02	8.54E-05	8.00E-02	1.60E-04	0.10

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6894734144246	689473	4144246	RESIDENT	1.76E-02	8.61E-05	8.05E-02	1.62E-04	0.10
6894784144246	689478	4144246	RESIDENT	1.77E-02	8.69E-05	8.11E-02	1.63E-04	0.10
6894834144246	689483	4144246	RESIDENT	1.79E-02	8.77E-05	8.17E-02	1.65E-04	0.10
6894884144246	689488	4144246	RESIDENT	1.80E-02	8.85E-05	8.22E-02	1.66E-04	0.10
6894934144246	689493	4144246	RESIDENT	1.81E-02	8.92E-05	8.28E-02	1.68E-04	0.10
6894984144246	689498	4144246	RESIDENT	1.82E-02	9.01E-05	8.34E-02	1.69E-04	0.10
6895034144246	689503	4144246	RESIDENT	1.84E-02	9.09E-05	8.40E-02	1.71E-04	0.10
6895084144246	689508	4144246	RESIDENT	1.85E-02	9.17E-05	8.46E-02	1.72E-04	0.10
6895134144246	689513	4144246	RESIDENT	1.86E-02	9.25E-05	8.52E-02	1.74E-04	0.10
6895184144246	689518	4144246	RESIDENT	1.88E-02	9.34E-05	8.59E-02	1.75E-04	0.10
6895234144246	689523	4144246	RESIDENT	1.89E-02	9.42E-05	8.65E-02	1.77E-04	0.11
6895284144246	689528	4144246	RESIDENT	1.91E-02	9.51E-05	8.72E-02	1.79E-04	0.11
6895334144246	689533	4144246	RESIDENT	1.92E-02	9.60E-05	8.78E-02	1.80E-04	0.11
6895384144246	689538	4144246	RESIDENT	1.94E-02	9.69E-05	8.85E-02	1.82E-04	0.11
6895434144246	689543	4144246	RESIDENT	1.95E-02	9.78E-05	8.91E-02	1.84E-04	0.11
6895484144246	689548	4144246	RESIDENT	1.96E-02	9.87E-05	8.98E-02	1.85E-04	0.11
6895534144246	689553	4144246	RESIDENT	1.98E-02	9.97E-05	9.05E-02	1.87E-04	0.11
6895584144246	689558	4144246	RESIDENT	2.00E-02	1.01E-04	9.12E-02	1.89E-04	0.11
6895634144246	689563	4144246	RESIDENT	2.01E-02	1.02E-04	9.19E-02	1.91E-04	0.11
6895684144246	689568	4144246	RESIDENT	2.03E-02	1.03E-04	9.27E-02	1.93E-04	0.11
6895734144246	689573	4144246	RESIDENT	2.04E-02	1.04E-04	9.34E-02	1.94E-04	0.11
6895784144246	689578	4144246	RESIDENT	2.06E-02	1.05E-04	9.42E-02	1.96E-04	0.12
6895834144246	689583	4144246	RESIDENT	2.08E-02	1.06E-04	9.49E-02	1.98E-04	0.12
6895884144246	689588	4144246	RESIDENT	2.09E-02	1.07E-04	9.57E-02	2.00E-04	0.12
6895934144246	689593	4144246	RESIDENT	2.11E-02	1.08E-04	9.65E-02	2.02E-04	0.12
6895984144246	689598	4144246	RESIDENT	2.13E-02	1.09E-04	9.73E-02	2.04E-04	0.12
6896034144246	689603	4144246	RESIDENT	2.15E-02	1.10E-04	9.81E-02	2.06E-04	0.12
6896084144246	689608	4144246	RESIDENT	2.16E-02	1.11E-04	9.90E-02	2.08E-04	0.12
6896134144246	689613	4144246	RESIDENT	2.18E-02	1.12E-04	9.98E-02	2.10E-04	0.12
6896184144246	689618	4144246	RESIDENT	2.20E-02	1.13E-04	1.01E-01	2.13E-04	0.12
6896234144246	689623	4144246	RESIDENT	2.22E-02	1.14E-04	1.02E-01	2.15E-04	0.12
6896284144246	689628	4144246	RESIDENT	2.24E-02	1.16E-04	1.02E-01	2.17E-04	0.13
6896334144246	689633	4144246	RESIDENT	2.26E-02	1.17E-04	1.03E-01	2.19E-04	0.13
6896384144246	689638	4144246	RESIDENT	2.28E-02	1.18E-04	1.04E-01	2.21E-04	0.13
6896434144246	689643	4144246	RESIDENT	2.30E-02	1.19E-04	1.05E-01	2.24E-04	0.13
6896484144246	689648	4144246	RESIDENT	2.32E-02	1.20E-04	1.06E-01	2.26E-04	0.13
6894484144251	689448	4144251	RESIDENT	1.75E-02	8.28E-05	7.98E-02	1.55E-04	0.10
6894534144251	689453	4144251	RESIDENT	1.76E-02	8.35E-05	8.04E-02	1.57E-04	0.10
6894584144251	689458	4144251	RESIDENT	1.77E-02	8.42E-05	8.09E-02	1.58E-04	0.10
6894634144251	689463	4144251	RESIDENT	1.78E-02	8.49E-05	8.15E-02	1.60E-04	0.10
6894684144251	689468	4144251	RESIDENT	1.80E-02	8.57E-05	8.21E-02	1.61E-04	0.10
6894734144251	689473	4144251	RESIDENT	1.81E-02	8.64E-05	8.27E-02	1.62E-04	0.10
6894784144251	689478	4144251	RESIDENT	1.82E-02	8.72E-05	8.33E-02	1.64E-04	0.10
6894834144251	689483	4144251	RESIDENT	1.83E-02	8.80E-05	8.39E-02	1.65E-04	0.10
6894884144251	689488	4144251	RESIDENT	1.85E-02	8.87E-05	8.45E-02	1.67E-04	0.10
6894934144251	689493	4144251	RESIDENT	1.86E-02	8.95E-05	8.51E-02	1.68E-04	0.10

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6894984144251	689498	4144251	RESIDENT	1.88E-02	9.03E-05	8.58E-02	1.70E-04	0.10
6895034144251	689503	4144251	RESIDENT	1.89E-02	9.12E-05	8.64E-02	1.71E-04	0.11
6895084144251	689508	4144251	RESIDENT	1.90E-02	9.20E-05	8.70E-02	1.73E-04	0.11
6895134144251	689513	4144251	RESIDENT	1.92E-02	9.28E-05	8.77E-02	1.74E-04	0.11
6895184144251	689518	4144251	RESIDENT	1.93E-02	9.37E-05	8.84E-02	1.76E-04	0.11
6895234144251	689523	4144251	RESIDENT	1.95E-02	9.45E-05	8.90E-02	1.78E-04	0.11
6895284144251	689528	4144251	RESIDENT	1.96E-02	9.54E-05	8.97E-02	1.79E-04	0.11
6895334144251	689533	4144251	RESIDENT	1.98E-02	9.63E-05	9.04E-02	1.81E-04	0.11
6895384144251	689538	4144251	RESIDENT	1.99E-02	9.72E-05	9.11E-02	1.83E-04	0.11
6895434144251	689543	4144251	RESIDENT	2.01E-02	9.81E-05	9.18E-02	1.84E-04	0.11
6895484144251	689548	4144251	RESIDENT	2.02E-02	9.90E-05	9.25E-02	1.86E-04	0.11
6895534144251	689553	4144251	RESIDENT	2.04E-02	1.00E-04	9.33E-02	1.88E-04	0.11
6895584144251	689558	4144251	RESIDENT	2.06E-02	1.01E-04	9.40E-02	1.90E-04	0.11
6895634144251	689563	4144251	RESIDENT	2.07E-02	1.02E-04	9.48E-02	1.91E-04	0.12
6895684144251	689568	4144251	RESIDENT	2.09E-02	1.03E-04	9.55E-02	1.93E-04	0.12
6895734144251	689573	4144251	RESIDENT	2.11E-02	1.04E-04	9.63E-02	1.95E-04	0.12
6895784144251	689578	4144251	RESIDENT	2.12E-02	1.05E-04	9.71E-02	1.97E-04	0.12
6895834144251	689583	4144251	RESIDENT	2.14E-02	1.06E-04	9.79E-02	1.99E-04	0.12
6895884144251	689588	4144251	RESIDENT	2.16E-02	1.07E-04	9.87E-02	2.01E-04	0.12
6895934144251	689593	4144251	RESIDENT	2.18E-02	1.08E-04	9.96E-02	2.03E-04	0.12
6895984144251	689598	4144251	RESIDENT	2.20E-02	1.09E-04	1.00E-01	2.05E-04	0.12
6896034144251	689603	4144251	RESIDENT	2.22E-02	1.10E-04	1.01E-01	2.07E-04	0.12
6896084144251	689608	4144251	RESIDENT	2.23E-02	1.11E-04	1.02E-01	2.09E-04	0.12
6896134144251	689613	4144251	RESIDENT	2.25E-02	1.12E-04	1.03E-01	2.11E-04	0.13
6896184144251	689618	4144251	RESIDENT	2.27E-02	1.13E-04	1.04E-01	2.13E-04	0.13
6896234144251	689623	4144251	RESIDENT	2.29E-02	1.15E-04	1.05E-01	2.15E-04	0.13
6896284144251	689628	4144251	RESIDENT	2.32E-02	1.16E-04	1.06E-01	2.18E-04	0.13
6896334144251	689633	4144251	RESIDENT	2.34E-02	1.17E-04	1.07E-01	2.20E-04	0.13
6896384144251	689638	4144251	RESIDENT	2.36E-02	1.18E-04	1.08E-01	2.22E-04	0.13
6896434144251	689643	4144251	RESIDENT	2.38E-02	1.19E-04	1.09E-01	2.24E-04	0.13
6896484144251	689648	4144251	RESIDENT	2.40E-02	1.21E-04	1.10E-01	2.27E-04	0.13
6894534144256	689453	4144256	RESIDENT	1.80E-02	8.38E-05	8.25E-02	1.57E-04	0.10
6894584144256	689458	4144256	RESIDENT	1.82E-02	8.45E-05	8.31E-02	1.59E-04	0.10
6894634144256	689463	4144256	RESIDENT	1.83E-02	8.52E-05	8.37E-02	1.60E-04	0.10
6894684144256	689468	4144256	RESIDENT	1.84E-02	8.60E-05	8.43E-02	1.61E-04	0.10
6894734144256	689473	4144256	RESIDENT	1.86E-02	8.67E-05	8.49E-02	1.63E-04	0.10
6894784144256	689478	4144256	RESIDENT	1.87E-02	8.75E-05	8.55E-02	1.64E-04	0.10
6894834144256	689483	4144256	RESIDENT	1.88E-02	8.82E-05	8.62E-02	1.66E-04	0.11
6894884144256	689488	4144256	RESIDENT	1.90E-02	8.90E-05	8.68E-02	1.67E-04	0.11
6894934144256	689493	4144256	RESIDENT	1.91E-02	8.98E-05	8.75E-02	1.69E-04	0.11
6894984144256	689498	4144256	RESIDENT	1.93E-02	9.06E-05	8.81E-02	1.70E-04	0.11
6895034144256	689503	4144256	RESIDENT	1.94E-02	9.14E-05	8.88E-02	1.72E-04	0.11
6895084144256	689508	4144256	RESIDENT	1.96E-02	9.23E-05	8.95E-02	1.73E-04	0.11
6895134144256	689513	4144256	RESIDENT	1.97E-02	9.31E-05	9.02E-02	1.75E-04	0.11
6895184144256	689518	4144256	RESIDENT	1.99E-02	9.40E-05	9.09E-02	1.76E-04	0.11
6895234144256	689523	4144256	RESIDENT	2.00E-02	9.48E-05	9.16E-02	1.78E-04	0.11

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6895284144256	689528	4144256	RESIDENT	2.02E-02	9.57E-05	9.23E-02	1.80E-04	0.11
6895334144256	689533	4144256	RESIDENT	2.04E-02	9.66E-05	9.31E-02	1.81E-04	0.11
6895384144256	689538	4144256	RESIDENT	2.05E-02	9.75E-05	9.38E-02	1.83E-04	0.11
6895434144256	689543	4144256	RESIDENT	2.07E-02	9.84E-05	9.46E-02	1.85E-04	0.12
6895484144256	689548	4144256	RESIDENT	2.08E-02	9.93E-05	9.53E-02	1.87E-04	0.12
6895534144256	689553	4144256	RESIDENT	2.10E-02	1.00E-04	9.61E-02	1.88E-04	0.12
6895584144256	689558	4144256	RESIDENT	2.12E-02	1.01E-04	9.69E-02	1.90E-04	0.12
6895634144256	689563	4144256	RESIDENT	2.14E-02	1.02E-04	9.77E-02	1.92E-04	0.12
6895684144256	689568	4144256	RESIDENT	2.15E-02	1.03E-04	9.85E-02	1.94E-04	0.12
6895734144256	689573	4144256	RESIDENT	2.17E-02	1.04E-04	9.93E-02	1.96E-04	0.12
6895784144256	689578	4144256	RESIDENT	2.19E-02	1.05E-04	1.00E-01	1.97E-04	0.12
6895834144256	689583	4144256	RESIDENT	2.21E-02	1.06E-04	1.01E-01	1.99E-04	0.12
6895884144256	689588	4144256	RESIDENT	2.23E-02	1.07E-04	1.02E-01	2.01E-04	0.12
6895934144256	689593	4144256	RESIDENT	2.25E-02	1.08E-04	1.03E-01	2.03E-04	0.13
6895984144256	689598	4144256	RESIDENT	2.27E-02	1.09E-04	1.04E-01	2.05E-04	0.13
6896034144256	689603	4144256	RESIDENT	2.29E-02	1.10E-04	1.05E-01	2.07E-04	0.13
6896084144256	689608	4144256	RESIDENT	2.31E-02	1.12E-04	1.06E-01	2.09E-04	0.13
6896134144256	689613	4144256	RESIDENT	2.33E-02	1.13E-04	1.06E-01	2.12E-04	0.13
6896184144256	689618	4144256	RESIDENT	2.35E-02	1.14E-04	1.07E-01	2.14E-04	0.13
6896234144256	689623	4144256	RESIDENT	2.37E-02	1.15E-04	1.08E-01	2.16E-04	0.13
6896284144256	689628	4144256	RESIDENT	2.39E-02	1.16E-04	1.09E-01	2.18E-04	0.13
6896334144256	689633	4144256	RESIDENT	2.42E-02	1.17E-04	1.10E-01	2.20E-04	0.13
6896384144256	689638	4144256	RESIDENT	2.44E-02	1.19E-04	1.11E-01	2.23E-04	0.14
6896434144256	689643	4144256	RESIDENT	2.46E-02	1.20E-04	1.13E-01	2.25E-04	0.14
6896484144256	689648	4144256	RESIDENT	2.49E-02	1.21E-04	1.14E-01	2.27E-04	0.14
6894634144261	689463	4144261	RESIDENT	1.88E-02	8.55E-05	8.58E-02	1.61E-04	0.10
6894684144261	689468	4144261	RESIDENT	1.89E-02	8.62E-05	8.65E-02	1.62E-04	0.11
6894734144261	689473	4144261	RESIDENT	1.91E-02	8.70E-05	8.71E-02	1.63E-04	0.11
6894784144261	689478	4144261	RESIDENT	1.92E-02	8.78E-05	8.78E-02	1.65E-04	0.11
6894834144261	689483	4144261	RESIDENT	1.94E-02	8.85E-05	8.85E-02	1.66E-04	0.11
6894884144261	689488	4144261	RESIDENT	1.95E-02	8.93E-05	8.92E-02	1.68E-04	0.11
6894934144261	689493	4144261	RESIDENT	1.97E-02	9.01E-05	8.99E-02	1.69E-04	0.11
6894984144261	689498	4144261	RESIDENT	1.98E-02	9.09E-05	9.06E-02	1.71E-04	0.11
6895034144261	689503	4144261	RESIDENT	2.00E-02	9.17E-05	9.13E-02	1.72E-04	0.11
6895084144261	689508	4144261	RESIDENT	2.01E-02	9.26E-05	9.20E-02	1.74E-04	0.11
6895134144261	689513	4144261	RESIDENT	2.03E-02	9.34E-05	9.27E-02	1.75E-04	0.11
6895184144261	689518	4144261	RESIDENT	2.04E-02	9.42E-05	9.35E-02	1.77E-04	0.11
6895234144261	689523	4144261	RESIDENT	2.06E-02	9.51E-05	9.42E-02	1.79E-04	0.12
6895284144261	689528	4144261	RESIDENT	2.08E-02	9.60E-05	9.50E-02	1.80E-04	0.12
6895334144261	689533	4144261	RESIDENT	2.09E-02	9.69E-05	9.58E-02	1.82E-04	0.12
6895384144261	689538	4144261	RESIDENT	2.11E-02	9.78E-05	9.66E-02	1.84E-04	0.12
6895434144261	689543	4144261	RESIDENT	2.13E-02	9.87E-05	9.74E-02	1.85E-04	0.12
6895484144261	689548	4144261	RESIDENT	2.15E-02	9.96E-05	9.82E-02	1.87E-04	0.12
6895534144261	689553	4144261	RESIDENT	2.17E-02	1.01E-04	9.90E-02	1.89E-04	0.12
6895584144261	689558	4144261	RESIDENT	2.18E-02	1.01E-04	9.98E-02	1.91E-04	0.12
6895634144261	689563	4144261	RESIDENT	2.20E-02	1.02E-04	1.01E-01	1.92E-04	0.12

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6895684144261	689568	4144261	RESIDENT	2.22E-02	1.03E-04	1.02E-01	1.94E-04	0.12
6895734144261	689573	4144261	RESIDENT	2.24E-02	1.04E-04	1.02E-01	1.96E-04	0.13
6895784144261	689578	4144261	RESIDENT	2.26E-02	1.05E-04	1.03E-01	1.98E-04	0.13
6895834144261	689583	4144261	RESIDENT	2.28E-02	1.06E-04	1.04E-01	2.00E-04	0.13
6895884144261	689588	4144261	RESIDENT	2.30E-02	1.08E-04	1.05E-01	2.02E-04	0.13
6895934144261	689593	4144261	RESIDENT	2.32E-02	1.09E-04	1.06E-01	2.04E-04	0.13
6895984144261	689598	4144261	RESIDENT	2.34E-02	1.10E-04	1.07E-01	2.06E-04	0.13
6896034144261	689603	4144261	RESIDENT	2.36E-02	1.11E-04	1.08E-01	2.08E-04	0.13
6896084144261	689608	4144261	RESIDENT	2.38E-02	1.12E-04	1.09E-01	2.10E-04	0.13
6896134144261	689613	4144261	RESIDENT	2.41E-02	1.13E-04	1.10E-01	2.12E-04	0.13
6896184144261	689618	4144261	RESIDENT	2.43E-02	1.14E-04	1.11E-01	2.14E-04	0.14
6896234144261	689623	4144261	RESIDENT	2.45E-02	1.15E-04	1.12E-01	2.16E-04	0.14
6896284144261	689628	4144261	RESIDENT	2.47E-02	1.16E-04	1.13E-01	2.19E-04	0.14
6896334144261	689633	4144261	RESIDENT	2.50E-02	1.18E-04	1.14E-01	2.21E-04	0.14
6896384144261	689638	4144261	RESIDENT	2.52E-02	1.19E-04	1.15E-01	2.23E-04	0.14
6896434144261	689643	4144261	RESIDENT	2.55E-02	1.20E-04	1.16E-01	2.26E-04	0.14
6896484144261	689648	4144261	RESIDENT	2.57E-02	1.21E-04	1.18E-01	2.28E-04	0.14
6894684144266	689468	4144266	RESIDENT	1.94E-02	8.65E-05	8.87E-02	1.62E-04	0.11
6894734144266	689473	4144266	RESIDENT	1.96E-02	8.73E-05	8.94E-02	1.64E-04	0.11
6894784144266	689478	4144266	RESIDENT	1.97E-02	8.80E-05	9.01E-02	1.65E-04	0.11
6894834144266	689483	4144266	RESIDENT	1.99E-02	8.88E-05	9.08E-02	1.67E-04	0.11
6894884144266	689488	4144266	RESIDENT	2.00E-02	8.96E-05	9.16E-02	1.68E-04	0.11
6894934144266	689493	4144266	RESIDENT	2.02E-02	9.04E-05	9.23E-02	1.70E-04	0.11
6894984144266	689498	4144266	RESIDENT	2.03E-02	9.12E-05	9.30E-02	1.71E-04	0.11
6895034144266	689503	4144266	RESIDENT	2.05E-02	9.20E-05	9.38E-02	1.73E-04	0.11
6895084144266	689508	4144266	RESIDENT	2.07E-02	9.28E-05	9.46E-02	1.74E-04	0.12
6895134144266	689513	4144266	RESIDENT	2.09E-02	9.37E-05	9.53E-02	1.76E-04	0.12
6895184144266	689518	4144266	RESIDENT	2.10E-02	9.45E-05	9.61E-02	1.78E-04	0.12
6895234144266	689523	4144266	RESIDENT	2.12E-02	9.54E-05	9.69E-02	1.79E-04	0.12
6895284144266	689528	4144266	RESIDENT	2.14E-02	9.63E-05	9.77E-02	1.81E-04	0.12
6895334144266	689533	4144266	RESIDENT	2.16E-02	9.71E-05	9.86E-02	1.82E-04	0.12
6895384144266	689538	4144266	RESIDENT	2.17E-02	9.80E-05	9.94E-02	1.84E-04	0.12
6895434144266	689543	4144266	RESIDENT	2.19E-02	9.90E-05	1.00E-01	1.86E-04	0.12
6895484144266	689548	4144266	RESIDENT	2.21E-02	9.99E-05	1.01E-01	1.88E-04	0.12
6895534144266	689553	4144266	RESIDENT	2.23E-02	1.01E-04	1.02E-01	1.89E-04	0.12
6895584144266	689558	4144266	RESIDENT	2.25E-02	1.02E-04	1.03E-01	1.91E-04	0.13
6895634144266	689563	4144266	RESIDENT	2.27E-02	1.03E-04	1.04E-01	1.93E-04	0.13
6895684144266	689568	4144266	RESIDENT	2.29E-02	1.04E-04	1.05E-01	1.95E-04	0.13
6895734144266	689573	4144266	RESIDENT	2.31E-02	1.05E-04	1.06E-01	1.97E-04	0.13
6895784144266	689578	4144266	RESIDENT	2.33E-02	1.06E-04	1.07E-01	1.99E-04	0.13
6895834144266	689583	4144266	RESIDENT	2.35E-02	1.07E-04	1.07E-01	2.01E-04	0.13
6895884144266	689588	4144266	RESIDENT	2.37E-02	1.08E-04	1.08E-01	2.02E-04	0.13
6895934144266	689593	4144266	RESIDENT	2.39E-02	1.09E-04	1.09E-01	2.04E-04	0.13
6895984144266	689598	4144266	RESIDENT	2.42E-02	1.10E-04	1.10E-01	2.06E-04	0.13
6896034144266	689603	4144266	RESIDENT	2.44E-02	1.11E-04	1.11E-01	2.09E-04	0.14
6896084144266	689608	4144266	RESIDENT	2.46E-02	1.12E-04	1.13E-01	2.11E-04	0.14

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6896134144266	689613	4144266	RESIDENT	2.48E-02	1.13E-04	1.14E-01	2.13E-04	0.14
6896184144266	689618	4144266	RESIDENT	2.51E-02	1.14E-04	1.15E-01	2.15E-04	0.14
6896234144266	689623	4144266	RESIDENT	2.53E-02	1.16E-04	1.16E-01	2.17E-04	0.14
6896284144266	689628	4144266	RESIDENT	2.56E-02	1.17E-04	1.17E-01	2.19E-04	0.14
6896334144266	689633	4144266	RESIDENT	2.58E-02	1.18E-04	1.18E-01	2.22E-04	0.14
6896384144266	689638	4144266	RESIDENT	2.61E-02	1.19E-04	1.19E-01	2.24E-04	0.15
6896434144266	689643	4144266	RESIDENT	2.63E-02	1.20E-04	1.20E-01	2.26E-04	0.15
6896484144266	689648	4144266	RESIDENT	2.66E-02	1.22E-04	1.22E-01	2.28E-04	0.15
6894834144271	689483	4144271	RESIDENT	2.04E-02	8.91E-05	9.32E-02	1.67E-04	0.11
6894884144271	689488	4144271	RESIDENT	2.06E-02	8.99E-05	9.40E-02	1.69E-04	0.11
6894934144271	689493	4144271	RESIDENT	2.07E-02	9.06E-05	9.47E-02	1.70E-04	0.12
6894984144271	689498	4144271	RESIDENT	2.09E-02	9.15E-05	9.55E-02	1.72E-04	0.12
6895034144271	689503	4144271	RESIDENT	2.11E-02	9.23E-05	9.63E-02	1.73E-04	0.12
6895084144271	689508	4144271	RESIDENT	2.12E-02	9.31E-05	9.71E-02	1.75E-04	0.12
6895134144271	689513	4144271	RESIDENT	2.14E-02	9.39E-05	9.80E-02	1.76E-04	0.12
6895184144271	689518	4144271	RESIDENT	2.16E-02	9.48E-05	9.88E-02	1.78E-04	0.12
6895234144271	689523	4144271	RESIDENT	2.18E-02	9.57E-05	9.96E-02	1.80E-04	0.12
6895284144271	689528	4144271	RESIDENT	2.20E-02	9.65E-05	1.01E-01	1.81E-04	0.12
6895334144271	689533	4144271	RESIDENT	2.22E-02	9.74E-05	1.01E-01	1.83E-04	0.12
6895384144271	689538	4144271	RESIDENT	2.24E-02	9.83E-05	1.02E-01	1.85E-04	0.12
6895434144271	689543	4144271	RESIDENT	2.26E-02	9.92E-05	1.03E-01	1.86E-04	0.13
6895484144271	689548	4144271	RESIDENT	2.28E-02	1.00E-04	1.04E-01	1.88E-04	0.13
6895534144271	689553	4144271	RESIDENT	2.30E-02	1.01E-04	1.05E-01	1.90E-04	0.13
6895584144271	689558	4144271	RESIDENT	2.32E-02	1.02E-04	1.06E-01	1.92E-04	0.13
6895634144271	689563	4144271	RESIDENT	2.34E-02	1.03E-04	1.07E-01	1.94E-04	0.13
6895684144271	689568	4144271	RESIDENT	2.36E-02	1.04E-04	1.08E-01	1.95E-04	0.13
6895734144271	689573	4144271	RESIDENT	2.38E-02	1.05E-04	1.09E-01	1.97E-04	0.13
6895784144271	689578	4144271	RESIDENT	2.40E-02	1.06E-04	1.10E-01	1.99E-04	0.13
6895834144271	689583	4144271	RESIDENT	2.42E-02	1.07E-04	1.11E-01	2.01E-04	0.14
6895884144271	689588	4144271	RESIDENT	2.45E-02	1.08E-04	1.12E-01	2.03E-04	0.14
6895934144271	689593	4144271	RESIDENT	2.47E-02	1.09E-04	1.13E-01	2.05E-04	0.14
6895984144271	689598	4144271	RESIDENT	2.49E-02	1.10E-04	1.14E-01	2.07E-04	0.14
6896034144271	689603	4144271	RESIDENT	2.52E-02	1.11E-04	1.15E-01	2.09E-04	0.14
6896084144271	689608	4144271	RESIDENT	2.54E-02	1.12E-04	1.16E-01	2.11E-04	0.14
6896134144271	689613	4144271	RESIDENT	2.57E-02	1.14E-04	1.17E-01	2.13E-04	0.14
6896184144271	689618	4144271	RESIDENT	2.59E-02	1.15E-04	1.18E-01	2.15E-04	0.14
6896234144271	689623	4144271	RESIDENT	2.62E-02	1.16E-04	1.20E-01	2.18E-04	0.15
6896284144271	689628	4144271	RESIDENT	2.64E-02	1.17E-04	1.21E-01	2.20E-04	0.15
6896334144271	689633	4144271	RESIDENT	2.67E-02	1.18E-04	1.22E-01	2.22E-04	0.15
6896384144271	689638	4144271	RESIDENT	2.70E-02	1.19E-04	1.23E-01	2.24E-04	0.15
6896434144271	689643	4144271	RESIDENT	2.72E-02	1.21E-04	1.25E-01	2.27E-04	0.15
6896484144271	689648	4144271	RESIDENT	2.75E-02	1.22E-04	1.26E-01	2.29E-04	0.15
6894984144276	689498	4144276	RESIDENT	2.14E-02	9.17E-05	9.81E-02	1.72E-04	0.12
6895034144276	689503	4144276	RESIDENT	2.16E-02	9.25E-05	9.89E-02	1.74E-04	0.12
6895084144276	689508	4144276	RESIDENT	2.18E-02	9.34E-05	9.98E-02	1.75E-04	0.12
6895134144276	689513	4144276	RESIDENT	2.20E-02	9.42E-05	1.01E-01	1.77E-04	0.12

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6895184144276	689518	4144276	RESIDENT	2.22E-02	9.51E-05	1.02E-01	1.79E-04	0.12
6895234144276	689523	4144276	RESIDENT	2.24E-02	9.59E-05	1.02E-01	1.80E-04	0.13
6895284144276	689528	4144276	RESIDENT	2.26E-02	9.68E-05	1.03E-01	1.82E-04	0.13
6895334144276	689533	4144276	RESIDENT	2.28E-02	9.77E-05	1.04E-01	1.83E-04	0.13
6895384144276	689538	4144276	RESIDENT	2.30E-02	9.86E-05	1.05E-01	1.85E-04	0.13
6895434144276	689543	4144276	RESIDENT	2.32E-02	9.95E-05	1.06E-01	1.87E-04	0.13
6895484144276	689548	4144276	RESIDENT	2.34E-02	1.00E-04	1.07E-01	1.89E-04	0.13
6895534144276	689553	4144276	RESIDENT	2.36E-02	1.01E-04	1.08E-01	1.90E-04	0.13
6895584144276	689558	4144276	RESIDENT	2.39E-02	1.02E-04	1.09E-01	1.92E-04	0.13
6895634144276	689563	4144276	RESIDENT	2.41E-02	1.03E-04	1.10E-01	1.94E-04	0.13
6895684144276	689568	4144276	RESIDENT	2.43E-02	1.04E-04	1.11E-01	1.96E-04	0.14
6895734144276	689573	4144276	RESIDENT	2.45E-02	1.05E-04	1.12E-01	1.98E-04	0.14
6895784144276	689578	4144276	RESIDENT	2.48E-02	1.06E-04	1.13E-01	2.00E-04	0.14
6895834144276	689583	4144276	RESIDENT	2.50E-02	1.07E-04	1.14E-01	2.02E-04	0.14
6895884144276	689588	4144276	RESIDENT	2.52E-02	1.08E-04	1.15E-01	2.04E-04	0.14
6895934144276	689593	4144276	RESIDENT	2.55E-02	1.09E-04	1.17E-01	2.06E-04	0.14
6895984144276	689598	4144276	RESIDENT	2.57E-02	1.11E-04	1.18E-01	2.08E-04	0.14
6896034144276	689603	4144276	RESIDENT	2.60E-02	1.12E-04	1.19E-01	2.10E-04	0.15
6896084144276	689608	4144276	RESIDENT	2.62E-02	1.13E-04	1.20E-01	2.12E-04	0.15
6896134144276	689613	4144276	RESIDENT	2.65E-02	1.14E-04	1.21E-01	2.14E-04	0.15
6896184144276	689618	4144276	RESIDENT	2.68E-02	1.15E-04	1.22E-01	2.16E-04	0.15
6896234144276	689623	4144276	RESIDENT	2.70E-02	1.16E-04	1.24E-01	2.18E-04	0.15
6896284144276	689628	4144276	RESIDENT	2.73E-02	1.17E-04	1.25E-01	2.20E-04	0.15
6896334144276	689633	4144276	RESIDENT	2.76E-02	1.19E-04	1.26E-01	2.23E-04	0.15
6896384144276	689638	4144276	RESIDENT	2.79E-02	1.20E-04	1.28E-01	2.25E-04	0.16
6896434144276	689643	4144276	RESIDENT	2.82E-02	1.21E-04	1.29E-01	2.27E-04	0.16
6896484144276	689648	4144276	RESIDENT	2.85E-02	1.22E-04	1.30E-01	2.30E-04	0.16
6895134144281	689513	4144281	RESIDENT	2.26E-02	9.45E-05	1.03E-01	1.77E-04	0.13
6895184144281	689518	4144281	RESIDENT	2.28E-02	9.53E-05	1.04E-01	1.79E-04	0.13
6895234144281	689523	4144281	RESIDENT	2.30E-02	9.62E-05	1.05E-01	1.81E-04	0.13
6895284144281	689528	4144281	RESIDENT	2.32E-02	9.71E-05	1.06E-01	1.82E-04	0.13
6895334144281	689533	4144281	RESIDENT	2.34E-02	9.80E-05	1.07E-01	1.84E-04	0.13
6895384144281	689538	4144281	RESIDENT	2.37E-02	9.89E-05	1.08E-01	1.86E-04	0.13
6895434144281	689543	4144281	RESIDENT	2.39E-02	9.98E-05	1.09E-01	1.87E-04	0.13
6895484144281	689548	4144281	RESIDENT	2.41E-02	1.01E-04	1.10E-01	1.89E-04	0.13
6895534144281	689553	4144281	RESIDENT	2.43E-02	1.02E-04	1.11E-01	1.91E-04	0.14
6895584144281	689558	4144281	RESIDENT	2.46E-02	1.03E-04	1.12E-01	1.93E-04	0.14
6895634144281	689563	4144281	RESIDENT	2.48E-02	1.04E-04	1.13E-01	1.95E-04	0.14
6895684144281	689568	4144281	RESIDENT	2.50E-02	1.05E-04	1.14E-01	1.96E-04	0.14
6895734144281	689573	4144281	RESIDENT	2.53E-02	1.06E-04	1.16E-01	1.98E-04	0.14
6895784144281	689578	4144281	RESIDENT	2.55E-02	1.07E-04	1.17E-01	2.00E-04	0.14
6895834144281	689583	4144281	RESIDENT	2.58E-02	1.08E-04	1.18E-01	2.02E-04	0.14
6895884144281	689588	4144281	RESIDENT	2.60E-02	1.09E-04	1.19E-01	2.04E-04	0.15
6895934144281	689593	4144281	RESIDENT	2.63E-02	1.10E-04	1.20E-01	2.06E-04	0.15
6895984144281	689598	4144281	RESIDENT	2.65E-02	1.11E-04	1.21E-01	2.08E-04	0.15
6896034144281	689603	4144281	RESIDENT	2.68E-02	1.12E-04	1.23E-01	2.10E-04	0.15

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6896084144281	689608	4144281	RESIDENT	2.71E-02	1.13E-04	1.24E-01	2.12E-04	0.15
6896134144281	689613	4144281	RESIDENT	2.74E-02	1.14E-04	1.25E-01	2.14E-04	0.15
6896184144281	689618	4144281	RESIDENT	2.76E-02	1.15E-04	1.26E-01	2.16E-04	0.15
6896234144281	689623	4144281	RESIDENT	2.79E-02	1.16E-04	1.28E-01	2.19E-04	0.16
6896284144281	689628	4144281	RESIDENT	2.82E-02	1.18E-04	1.29E-01	2.21E-04	0.16
6896334144281	689633	4144281	RESIDENT	2.85E-02	1.19E-04	1.30E-01	2.23E-04	0.16
6896384144281	689638	4144281	RESIDENT	2.88E-02	1.20E-04	1.32E-01	2.25E-04	0.16
6896434144281	689643	4144281	RESIDENT	2.92E-02	1.21E-04	1.33E-01	2.28E-04	0.16
6896484144281	689648	4144281	RESIDENT	2.95E-02	1.23E-04	1.35E-01	2.30E-04	0.16
6895334144286	689533	4144286	RESIDENT	2.41E-02	9.82E-05	1.10E-01	1.85E-04	0.13
6895384144286	689538	4144286	RESIDENT	2.43E-02	9.91E-05	1.11E-01	1.86E-04	0.14
6895434144286	689543	4144286	RESIDENT	2.45E-02	1.00E-04	1.12E-01	1.88E-04	0.14
6895484144286	689548	4144286	RESIDENT	2.48E-02	1.01E-04	1.13E-01	1.90E-04	0.14
6895534144286	689553	4144286	RESIDENT	2.50E-02	1.02E-04	1.14E-01	1.91E-04	0.14
6895584144286	689558	4144286	RESIDENT	2.53E-02	1.03E-04	1.16E-01	1.93E-04	0.14
6895634144286	689563	4144286	RESIDENT	2.55E-02	1.04E-04	1.17E-01	1.95E-04	0.14
6895684144286	689568	4144286	RESIDENT	2.58E-02	1.05E-04	1.18E-01	1.97E-04	0.14
6895734144286	689573	4144286	RESIDENT	2.60E-02	1.06E-04	1.19E-01	1.99E-04	0.15
6895784144286	689578	4144286	RESIDENT	2.63E-02	1.07E-04	1.20E-01	2.01E-04	0.15
6895834144286	689583	4144286	RESIDENT	2.65E-02	1.08E-04	1.21E-01	2.03E-04	0.15
6895884144286	689588	4144286	RESIDENT	2.68E-02	1.09E-04	1.23E-01	2.05E-04	0.15
6895934144286	689593	4144286	RESIDENT	2.71E-02	1.10E-04	1.24E-01	2.07E-04	0.15
6895984144286	689598	4144286	RESIDENT	2.74E-02	1.11E-04	1.25E-01	2.09E-04	0.15
6896034144286	689603	4144286	RESIDENT	2.77E-02	1.12E-04	1.26E-01	2.11E-04	0.15
6896084144286	689608	4144286	RESIDENT	2.80E-02	1.13E-04	1.28E-01	2.13E-04	0.16
6896134144286	689613	4144286	RESIDENT	2.82E-02	1.14E-04	1.29E-01	2.15E-04	0.16
6896184144286	689618	4144286	RESIDENT	2.85E-02	1.16E-04	1.31E-01	2.17E-04	0.16
6896234144286	689623	4144286	RESIDENT	2.89E-02	1.17E-04	1.32E-01	2.19E-04	0.16
6896284144286	689628	4144286	RESIDENT	2.92E-02	1.18E-04	1.33E-01	2.21E-04	0.16
6896334144286	689633	4144286	RESIDENT	2.95E-02	1.19E-04	1.35E-01	2.24E-04	0.16
6896384144286	689638	4144286	RESIDENT	2.98E-02	1.20E-04	1.36E-01	2.26E-04	0.17
6896434144286	689643	4144286	RESIDENT	3.01E-02	1.22E-04	1.38E-01	2.28E-04	0.17
6896484144286	689648	4144286	RESIDENT	3.05E-02	1.23E-04	1.39E-01	2.31E-04	0.17
6895484144291	689548	4144291	RESIDENT	2.55E-02	1.01E-04	1.16E-01	1.90E-04	0.14
6895534144291	689553	4144291	RESIDENT	2.57E-02	1.02E-04	1.18E-01	1.92E-04	0.14
6895584144291	689558	4144291	RESIDENT	2.60E-02	1.03E-04	1.19E-01	1.94E-04	0.15
6895634144291	689563	4144291	RESIDENT	2.62E-02	1.04E-04	1.20E-01	1.96E-04	0.15
6895684144291	689568	4144291	RESIDENT	2.65E-02	1.05E-04	1.21E-01	1.97E-04	0.15
6895734144291	689573	4144291	RESIDENT	2.68E-02	1.06E-04	1.22E-01	1.99E-04	0.15
6895784144291	689578	4144291	RESIDENT	2.71E-02	1.07E-04	1.24E-01	2.01E-04	0.15
6895834144291	689583	4144291	RESIDENT	2.73E-02	1.08E-04	1.25E-01	2.03E-04	0.15
6895884144291	689588	4144291	RESIDENT	2.76E-02	1.09E-04	1.26E-01	2.05E-04	0.15
6895934144291	689593	4144291	RESIDENT	2.79E-02	1.10E-04	1.28E-01	2.07E-04	0.16
6895984144291	689598	4144291	RESIDENT	2.82E-02	1.11E-04	1.29E-01	2.09E-04	0.16
6896034144291	689603	4144291	RESIDENT	2.85E-02	1.12E-04	1.30E-01	2.11E-04	0.16
6896084144291	689608	4144291	RESIDENT	2.88E-02	1.14E-04	1.32E-01	2.13E-04	0.16

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6896134144291	689613	4144291	RESIDENT	2.91E-02	1.15E-04	1.33E-01	2.15E-04	0.16
6896184144291	689618	4144291	RESIDENT	2.95E-02	1.16E-04	1.35E-01	2.18E-04	0.16
6896234144291	689623	4144291	RESIDENT	2.98E-02	1.17E-04	1.36E-01	2.20E-04	0.17
6896284144291	689628	4144291	RESIDENT	3.01E-02	1.18E-04	1.38E-01	2.22E-04	0.17
6896334144291	689633	4144291	RESIDENT	3.05E-02	1.19E-04	1.39E-01	2.24E-04	0.17
6896384144291	689638	4144291	RESIDENT	3.08E-02	1.21E-04	1.41E-01	2.26E-04	0.17
6896434144291	689643	4144291	RESIDENT	3.12E-02	1.22E-04	1.42E-01	2.29E-04	0.17
6896484144291	689648	4144291	RESIDENT	3.15E-02	1.23E-04	1.44E-01	2.31E-04	0.18
6895684144296	689568	4144296	RESIDENT	2.73E-02	1.05E-04	1.25E-01	1.98E-04	0.15
6895734144296	689573	4144296	RESIDENT	2.76E-02	1.06E-04	1.26E-01	2.00E-04	0.15
6895784144296	689578	4144296	RESIDENT	2.79E-02	1.07E-04	1.27E-01	2.02E-04	0.16
6895834144296	689583	4144296	RESIDENT	2.82E-02	1.08E-04	1.29E-01	2.04E-04	0.16
6895884144296	689588	4144296	RESIDENT	2.85E-02	1.09E-04	1.30E-01	2.06E-04	0.16
6895934144296	689593	4144296	RESIDENT	2.88E-02	1.11E-04	1.32E-01	2.08E-04	0.16
6895984144296	689598	4144296	RESIDENT	2.91E-02	1.12E-04	1.33E-01	2.10E-04	0.16
6896034144296	689603	4144296	RESIDENT	2.94E-02	1.13E-04	1.34E-01	2.12E-04	0.16
6896084144296	689608	4144296	RESIDENT	2.97E-02	1.14E-04	1.36E-01	2.14E-04	0.17
6896134144296	689613	4144296	RESIDENT	3.01E-02	1.15E-04	1.37E-01	2.16E-04	0.17
6896184144296	689618	4144296	RESIDENT	3.04E-02	1.16E-04	1.39E-01	2.18E-04	0.17
6896234144296	689623	4144296	RESIDENT	3.08E-02	1.17E-04	1.41E-01	2.20E-04	0.17
6896284144296	689628	4144296	RESIDENT	3.11E-02	1.18E-04	1.42E-01	2.22E-04	0.17
6896334144296	689633	4144296	RESIDENT	3.15E-02	1.20E-04	1.44E-01	2.25E-04	0.18
6896384144296	689638	4144296	RESIDENT	3.18E-02	1.21E-04	1.46E-01	2.27E-04	0.18
6896434144296	689643	4144296	RESIDENT	3.22E-02	1.22E-04	1.47E-01	2.29E-04	0.18
6896484144296	689648	4144296	RESIDENT	3.26E-02	1.23E-04	1.49E-01	2.32E-04	0.18
6895884144301	689588	4144301	RESIDENT	2.93E-02	1.10E-04	1.34E-01	2.06E-04	0.16
6895934144301	689593	4144301	RESIDENT	2.96E-02	1.11E-04	1.35E-01	2.08E-04	0.17
6895984144301	689598	4144301	RESIDENT	3.00E-02	1.12E-04	1.37E-01	2.10E-04	0.17
6896034144301	689603	4144301	RESIDENT	3.03E-02	1.13E-04	1.39E-01	2.12E-04	0.17
6896084144301	689608	4144301	RESIDENT	3.06E-02	1.14E-04	1.40E-01	2.14E-04	0.17
6896134144301	689613	4144301	RESIDENT	3.10E-02	1.15E-04	1.42E-01	2.16E-04	0.17
6896184144301	689618	4144301	RESIDENT	3.14E-02	1.16E-04	1.43E-01	2.19E-04	0.18
6896234144301	689623	4144301	RESIDENT	3.17E-02	1.18E-04	1.45E-01	2.21E-04	0.18
6896284144301	689628	4144301	RESIDENT	3.21E-02	1.19E-04	1.47E-01	2.23E-04	0.18
6896334144301	689633	4144301	RESIDENT	3.25E-02	1.20E-04	1.49E-01	2.25E-04	0.18
6896384144301	689638	4144301	RESIDENT	3.29E-02	1.21E-04	1.50E-01	2.27E-04	0.18
6896434144301	689643	4144301	RESIDENT	3.33E-02	1.22E-04	1.52E-01	2.30E-04	0.19
6896484144301	689648	4144301	RESIDENT	3.37E-02	1.24E-04	1.54E-01	2.32E-04	0.19
6896134144306	689613	4144306	RESIDENT	3.19E-02	1.15E-04	1.46E-01	2.17E-04	0.18
6896184144306	689618	4144306	RESIDENT	3.23E-02	1.17E-04	1.48E-01	2.19E-04	0.18
6896234144306	689623	4144306	RESIDENT	3.27E-02	1.18E-04	1.50E-01	2.21E-04	0.18
6896284144306	689628	4144306	RESIDENT	3.31E-02	1.19E-04	1.51E-01	2.23E-04	0.18
6896334144306	689633	4144306	RESIDENT	3.35E-02	1.20E-04	1.53E-01	2.26E-04	0.19
6896384144306	689638	4144306	RESIDENT	3.39E-02	1.21E-04	1.55E-01	2.28E-04	0.19
6896434144306	689643	4144306	RESIDENT	3.44E-02	1.23E-04	1.57E-01	2.30E-04	0.19
6896484144306	689648	4144306	RESIDENT	3.48E-02	1.24E-04	1.59E-01	2.33E-04	0.19

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6896434144311	689643	4144311	RESIDENT	3.55E-02	1.23E-04	1.62E-01	2.31E-04	0.20
6896484144311	689648	4144311	RESIDENT	3.59E-02	1.24E-04	1.64E-01	2.33E-04	0.20
6896024144443	689602	4144443	RESIDENT	6.13E-02	1.19E-04	2.80E-01	2.23E-04	0.34
6896074144443	689607	4144443	RESIDENT	6.25E-02	1.20E-04	2.86E-01	2.25E-04	0.35
6896124144443	689612	4144443	RESIDENT	6.37E-02	1.21E-04	2.91E-01	2.27E-04	0.36
6896174144443	689617	4144443	RESIDENT	6.50E-02	1.22E-04	2.97E-01	2.29E-04	0.36
6896224144443	689622	4144443	RESIDENT	6.64E-02	1.23E-04	3.03E-01	2.31E-04	0.37
6896274144443	689627	4144443	RESIDENT	6.77E-02	1.24E-04	3.10E-01	2.34E-04	0.38
6896324144443	689632	4144443	RESIDENT	6.92E-02	1.26E-04	3.16E-01	2.36E-04	0.39
6896374144443	689637	4144443	RESIDENT	7.06E-02	1.27E-04	3.23E-01	2.38E-04	0.39
6896424144443	689642	4144443	RESIDENT	7.22E-02	1.28E-04	3.30E-01	2.40E-04	0.40
6896474144443	689647	4144443	RESIDENT	7.38E-02	1.29E-04	3.37E-01	2.43E-04	0.41
6896524144443	689652	4144443	RESIDENT	7.54E-02	1.31E-04	3.45E-01	2.45E-04	0.42
6896574144443	689657	4144443	RESIDENT	7.71E-02	1.32E-04	3.53E-01	2.48E-04	0.43
6896624144443	689662	4144443	RESIDENT	7.89E-02	1.33E-04	3.61E-01	2.50E-04	0.44
6896674144443	689667	4144443	RESIDENT	8.07E-02	1.34E-04	3.69E-01	2.53E-04	0.45
6896724144443	689672	4144443	RESIDENT	8.26E-02	1.36E-04	3.78E-01	2.55E-04	0.46
6896024144448	689602	4144448	RESIDENT	6.28E-02	1.19E-04	2.87E-01	2.23E-04	0.35
6896074144448	689607	4144448	RESIDENT	6.41E-02	1.20E-04	2.93E-01	2.25E-04	0.36
6896124144448	689612	4144448	RESIDENT	6.54E-02	1.21E-04	2.99E-01	2.27E-04	0.36
6896174144448	689617	4144448	RESIDENT	6.67E-02	1.22E-04	3.05E-01	2.29E-04	0.37
6896224144448	689622	4144448	RESIDENT	6.81E-02	1.23E-04	3.11E-01	2.32E-04	0.38
6896274144448	689627	4144448	RESIDENT	6.95E-02	1.25E-04	3.18E-01	2.34E-04	0.39
6896324144448	689632	4144448	RESIDENT	7.10E-02	1.26E-04	3.25E-01	2.36E-04	0.40
6896374144448	689637	4144448	RESIDENT	7.26E-02	1.27E-04	3.32E-01	2.38E-04	0.40
6896424144448	689642	4144448	RESIDENT	7.42E-02	1.28E-04	3.39E-01	2.41E-04	0.41
6896474144448	689647	4144448	RESIDENT	7.58E-02	1.29E-04	3.47E-01	2.43E-04	0.42
6896524144448	689652	4144448	RESIDENT	7.75E-02	1.31E-04	3.55E-01	2.45E-04	0.43
6896574144448	689657	4144448	RESIDENT	7.93E-02	1.32E-04	3.63E-01	2.48E-04	0.44
6896624144448	689662	4144448	RESIDENT	8.12E-02	1.33E-04	3.71E-01	2.50E-04	0.45
6896674144448	689667	4144448	RESIDENT	8.31E-02	1.35E-04	3.80E-01	2.53E-04	0.46
6896724144448	689672	4144448	RESIDENT	8.51E-02	1.36E-04	3.89E-01	2.55E-04	0.47
6896024144453	689602	4144453	RESIDENT	6.44E-02	1.19E-04	2.94E-01	2.23E-04	0.36
6896074144453	689607	4144453	RESIDENT	6.57E-02	1.20E-04	3.00E-01	2.25E-04	0.37
6896124144453	689612	4144453	RESIDENT	6.70E-02	1.21E-04	3.07E-01	2.28E-04	0.37
6896174144453	689617	4144453	RESIDENT	6.84E-02	1.22E-04	3.13E-01	2.30E-04	0.38
6896224144453	689622	4144453	RESIDENT	6.99E-02	1.23E-04	3.20E-01	2.32E-04	0.39
6896274144453	689627	4144453	RESIDENT	7.14E-02	1.25E-04	3.26E-01	2.34E-04	0.40
6896324144453	689632	4144453	RESIDENT	7.30E-02	1.26E-04	3.34E-01	2.36E-04	0.41
6896374144453	689637	4144453	RESIDENT	7.46E-02	1.27E-04	3.41E-01	2.39E-04	0.42
6896424144453	689642	4144453	RESIDENT	7.62E-02	1.28E-04	3.49E-01	2.41E-04	0.43
6896474144453	689647	4144453	RESIDENT	7.80E-02	1.30E-04	3.57E-01	2.43E-04	0.43
6896524144453	689652	4144453	RESIDENT	7.98E-02	1.31E-04	3.65E-01	2.46E-04	0.44
6896574144453	689657	4144453	RESIDENT	8.16E-02	1.32E-04	3.73E-01	2.48E-04	0.46
6896624144453	689662	4144453	RESIDENT	8.36E-02	1.33E-04	3.82E-01	2.51E-04	0.47
6896674144453	689667	4144453	RESIDENT	8.56E-02	1.35E-04	3.91E-01	2.53E-04	0.48

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6896724144453	689672	4144453	RESIDENT	8.77E-02	1.36E-04	4.01E-01	2.56E-04	0.49
6896024144458	689602	4144458	RESIDENT	6.60E-02	1.19E-04	3.02E-01	2.24E-04	0.37
6896074144458	689607	4144458	RESIDENT	6.74E-02	1.20E-04	3.08E-01	2.26E-04	0.38
6896124144458	689612	4144458	RESIDENT	6.88E-02	1.21E-04	3.15E-01	2.28E-04	0.38
6896174144458	689617	4144458	RESIDENT	7.03E-02	1.22E-04	3.21E-01	2.30E-04	0.39
6896224144458	689622	4144458	RESIDENT	7.18E-02	1.24E-04	3.28E-01	2.32E-04	0.40
6896274144458	689627	4144458	RESIDENT	7.33E-02	1.25E-04	3.35E-01	2.34E-04	0.41
6896324144458	689632	4144458	RESIDENT	7.50E-02	1.26E-04	3.43E-01	2.37E-04	0.42
6896374144458	689637	4144458	RESIDENT	7.66E-02	1.27E-04	3.50E-01	2.39E-04	0.43
6896424144458	689642	4144458	RESIDENT	7.84E-02	1.28E-04	3.58E-01	2.41E-04	0.44
6896474144458	689647	4144458	RESIDENT	8.02E-02	1.30E-04	3.67E-01	2.44E-04	0.45
6896524144458	689652	4144458	RESIDENT	8.21E-02	1.31E-04	3.75E-01	2.46E-04	0.46
6896574144458	689657	4144458	RESIDENT	8.40E-02	1.32E-04	3.84E-01	2.48E-04	0.47
6896624144458	689662	4144458	RESIDENT	8.61E-02	1.34E-04	3.94E-01	2.51E-04	0.48
6896674144458	689667	4144458	RESIDENT	8.82E-02	1.35E-04	4.03E-01	2.53E-04	0.49
6896724144458	689672	4144458	RESIDENT	9.04E-02	1.36E-04	4.13E-01	2.56E-04	0.50
6896024144463	689602	4144463	RESIDENT	6.77E-02	1.19E-04	3.10E-01	2.24E-04	0.38
6896074144463	689607	4144463	RESIDENT	6.92E-02	1.20E-04	3.16E-01	2.26E-04	0.39
6896124144463	689612	4144463	RESIDENT	7.06E-02	1.21E-04	3.23E-01	2.28E-04	0.39
6896174144463	689617	4144463	RESIDENT	7.22E-02	1.23E-04	3.30E-01	2.30E-04	0.40
6896224144463	689622	4144463	RESIDENT	7.37E-02	1.24E-04	3.37E-01	2.32E-04	0.41
6896274144463	689627	4144463	RESIDENT	7.54E-02	1.25E-04	3.45E-01	2.35E-04	0.42
6896324144463	689632	4144463	RESIDENT	7.71E-02	1.26E-04	3.52E-01	2.37E-04	0.43
6896374144463	689637	4144463	RESIDENT	7.88E-02	1.27E-04	3.60E-01	2.39E-04	0.44
6896424144463	689642	4144463	RESIDENT	8.06E-02	1.29E-04	3.69E-01	2.42E-04	0.45
6896474144463	689647	4144463	RESIDENT	8.25E-02	1.30E-04	3.77E-01	2.44E-04	0.46
6896524144463	689652	4144463	RESIDENT	8.45E-02	1.31E-04	3.86E-01	2.46E-04	0.47
6896574144463	689657	4144463	RESIDENT	8.66E-02	1.32E-04	3.96E-01	2.49E-04	0.48
6896624144463	689662	4144463	RESIDENT	8.87E-02	1.34E-04	4.05E-01	2.51E-04	0.49
6896674144463	689667	4144463	RESIDENT	9.09E-02	1.35E-04	4.16E-01	2.54E-04	0.51
6896724144463	689672	4144463	RESIDENT	9.32E-02	1.36E-04	4.26E-01	2.56E-04	0.52
6896024144468	689602	4144468	RESIDENT	6.95E-02	1.19E-04	3.18E-01	2.24E-04	0.39
6896074144468	689607	4144468	RESIDENT	7.10E-02	1.20E-04	3.25E-01	2.26E-04	0.40
6896124144468	689612	4144468	RESIDENT	7.25E-02	1.22E-04	3.32E-01	2.28E-04	0.40
6896174144468	689617	4144468	RESIDENT	7.41E-02	1.23E-04	3.39E-01	2.31E-04	0.41
6896224144468	689622	4144468	RESIDENT	7.58E-02	1.24E-04	3.46E-01	2.33E-04	0.42
6896274144468	689627	4144468	RESIDENT	7.75E-02	1.25E-04	3.54E-01	2.35E-04	0.43
6896324144468	689632	4144468	RESIDENT	7.92E-02	1.26E-04	3.62E-01	2.37E-04	0.44
6896374144468	689637	4144468	RESIDENT	8.11E-02	1.28E-04	3.71E-01	2.39E-04	0.45
6896424144468	689642	4144468	RESIDENT	8.30E-02	1.29E-04	3.79E-01	2.42E-04	0.46
6896474144468	689647	4144468	RESIDENT	8.50E-02	1.30E-04	3.89E-01	2.44E-04	0.47
6896524144468	689652	4144468	RESIDENT	8.70E-02	1.31E-04	3.98E-01	2.47E-04	0.49
6896574144468	689657	4144468	RESIDENT	8.92E-02	1.33E-04	4.08E-01	2.49E-04	0.50
6896624144468	689662	4144468	RESIDENT	9.14E-02	1.34E-04	4.18E-01	2.51E-04	0.51
6896674144468	689667	4144468	RESIDENT	9.37E-02	1.35E-04	4.28E-01	2.54E-04	0.52
6896724144468	689672	4144468	RESIDENT	9.61E-02	1.37E-04	4.39E-01	2.57E-04	0.54

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6896024144473	689602	4144473	RESIDENT	7.14E-02	1.20E-04	3.26E-01	2.25E-04	0.40
6896074144473	689607	4144473	RESIDENT	7.29E-02	1.21E-04	3.33E-01	2.27E-04	0.41
6896124144473	689612	4144473	RESIDENT	7.45E-02	1.22E-04	3.41E-01	2.29E-04	0.42
6896174144473	689617	4144473	RESIDENT	7.62E-02	1.23E-04	3.48E-01	2.31E-04	0.42
6896224144473	689622	4144473	RESIDENT	7.79E-02	1.24E-04	3.56E-01	2.33E-04	0.43
6896274144473	689627	4144473	RESIDENT	7.97E-02	1.25E-04	3.64E-01	2.35E-04	0.44
6896324144473	689632	4144473	RESIDENT	8.15E-02	1.26E-04	3.73E-01	2.37E-04	0.45
6896374144473	689637	4144473	RESIDENT	8.34E-02	1.28E-04	3.81E-01	2.40E-04	0.47
6896424144473	689642	4144473	RESIDENT	8.54E-02	1.29E-04	3.91E-01	2.42E-04	0.48
6896474144473	689647	4144473	RESIDENT	8.75E-02	1.30E-04	4.00E-01	2.44E-04	0.49
6896524144473	689652	4144473	RESIDENT	8.96E-02	1.31E-04	4.10E-01	2.47E-04	0.50
6896574144473	689657	4144473	RESIDENT	9.19E-02	1.33E-04	4.20E-01	2.49E-04	0.51
6896624144473	689662	4144473	RESIDENT	9.42E-02	1.34E-04	4.31E-01	2.52E-04	0.53
6896674144473	689667	4144473	RESIDENT	9.66E-02	1.35E-04	4.42E-01	2.54E-04	0.54
6896724144473	689672	4144473	RESIDENT	9.91E-02	1.37E-04	4.53E-01	2.57E-04	0.55
6896024144478	689602	4144478	RESIDENT	7.33E-02	1.20E-04	3.35E-01	2.25E-04	0.41
6896074144478	689607	4144478	RESIDENT	7.49E-02	1.21E-04	3.42E-01	2.27E-04	0.42
6896124144478	689612	4144478	RESIDENT	7.66E-02	1.22E-04	3.50E-01	2.29E-04	0.43
6896174144478	689617	4144478	RESIDENT	7.83E-02	1.23E-04	3.58E-01	2.31E-04	0.44
6896224144478	689622	4144478	RESIDENT	8.01E-02	1.24E-04	3.66E-01	2.33E-04	0.45
6896274144478	689627	4144478	RESIDENT	8.20E-02	1.25E-04	3.75E-01	2.35E-04	0.46
6896324144478	689632	4144478	RESIDENT	8.39E-02	1.27E-04	3.84E-01	2.38E-04	0.47
6896374144478	689637	4144478	RESIDENT	8.59E-02	1.28E-04	3.93E-01	2.40E-04	0.48
6896424144478	689642	4144478	RESIDENT	8.80E-02	1.29E-04	4.02E-01	2.42E-04	0.49
6896474144478	689647	4144478	RESIDENT	9.01E-02	1.30E-04	4.12E-01	2.45E-04	0.50
6896524144478	689652	4144478	RESIDENT	9.24E-02	1.32E-04	4.22E-01	2.47E-04	0.52
6896574144478	689657	4144478	RESIDENT	9.47E-02	1.33E-04	4.33E-01	2.49E-04	0.53
6896624144478	689662	4144478	RESIDENT	9.71E-02	1.34E-04	4.44E-01	2.52E-04	0.54
6896674144478	689667	4144478	RESIDENT	9.96E-02	1.35E-04	4.56E-01	2.54E-04	0.56
6896724144478	689672	4144478	RESIDENT	1.02E-01	1.37E-04	4.68E-01	2.57E-04	0.57
6896024144483	689602	4144483	RESIDENT	7.53E-02	1.20E-04	3.44E-01	2.25E-04	0.42
6896074144483	689607	4144483	RESIDENT	7.70E-02	1.21E-04	3.52E-01	2.27E-04	0.43
6896124144483	689612	4144483	RESIDENT	7.87E-02	1.22E-04	3.60E-01	2.29E-04	0.44
6896174144483	689617	4144483	RESIDENT	8.05E-02	1.23E-04	3.68E-01	2.31E-04	0.45
6896224144483	689622	4144483	RESIDENT	8.24E-02	1.24E-04	3.77E-01	2.34E-04	0.46
6896274144483	689627	4144483	RESIDENT	8.43E-02	1.26E-04	3.86E-01	2.36E-04	0.47
6896324144483	689632	4144483	RESIDENT	8.63E-02	1.27E-04	3.95E-01	2.38E-04	0.48
6896374144483	689637	4144483	RESIDENT	8.84E-02	1.28E-04	4.04E-01	2.40E-04	0.49
6896424144483	689642	4144483	RESIDENT	9.06E-02	1.29E-04	4.14E-01	2.43E-04	0.51
6896474144483	689647	4144483	RESIDENT	9.28E-02	1.30E-04	4.24E-01	2.45E-04	0.52
6896524144483	689652	4144483	RESIDENT	9.52E-02	1.32E-04	4.35E-01	2.47E-04	0.53
6896574144483	689657	4144483	RESIDENT	9.76E-02	1.33E-04	4.46E-01	2.50E-04	0.54
6896624144483	689662	4144483	RESIDENT	1.00E-01	1.34E-04	4.58E-01	2.52E-04	0.56
6896674144483	689667	4144483	RESIDENT	1.03E-01	1.36E-04	4.70E-01	2.55E-04	0.57
6896724144483	689672	4144483	RESIDENT	1.06E-01	1.37E-04	4.82E-01	2.57E-04	0.59
6896024144488	689602	4144488	RESIDENT	7.74E-02	1.20E-04	3.54E-01	2.25E-04	0.43

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6896074144488	689607	4144488	RESIDENT	7.91E-02	1.21E-04	3.62E-01	2.27E-04	0.44
6896124144488	689612	4144488	RESIDENT	8.09E-02	1.22E-04	3.70E-01	2.29E-04	0.45
6896174144488	689617	4144488	RESIDENT	8.28E-02	1.23E-04	3.79E-01	2.32E-04	0.46
6896224144488	689622	4144488	RESIDENT	8.47E-02	1.24E-04	3.87E-01	2.34E-04	0.47
6896274144488	689627	4144488	RESIDENT	8.68E-02	1.26E-04	3.97E-01	2.36E-04	0.48
6896324144488	689632	4144488	RESIDENT	8.89E-02	1.27E-04	4.06E-01	2.38E-04	0.50
6896374144488	689637	4144488	RESIDENT	9.10E-02	1.28E-04	4.16E-01	2.40E-04	0.51
6896424144488	689642	4144488	RESIDENT	9.33E-02	1.29E-04	4.27E-01	2.43E-04	0.52
6896474144488	689647	4144488	RESIDENT	9.56E-02	1.31E-04	4.37E-01	2.45E-04	0.53
6896524144488	689652	4144488	RESIDENT	9.81E-02	1.32E-04	4.48E-01	2.48E-04	0.55
6896574144488	689657	4144488	RESIDENT	1.01E-01	1.33E-04	4.60E-01	2.50E-04	0.56
6896624144488	689662	4144488	RESIDENT	1.03E-01	1.34E-04	4.72E-01	2.52E-04	0.58
6896674144488	689667	4144488	RESIDENT	1.06E-01	1.36E-04	4.85E-01	2.55E-04	0.59
6896724144488	689672	4144488	RESIDENT	1.09E-01	1.37E-04	4.98E-01	2.57E-04	0.61
6904044143506	690404	4143506	RESIDENT	2.62E-02	5.10E-04	1.20E-01	9.59E-04	0.15
6904094143506	690409	4143506	RESIDENT	2.66E-02	4.98E-04	1.21E-01	9.36E-04	0.15
6904144143506	690414	4143506	RESIDENT	2.70E-02	4.86E-04	1.23E-01	9.13E-04	0.15
6904194143506	690419	4143506	RESIDENT	2.74E-02	4.75E-04	1.25E-01	8.91E-04	0.15
6904244143506	690424	4143506	RESIDENT	2.78E-02	4.63E-04	1.27E-01	8.70E-04	0.16
6904294143506	690429	4143506	RESIDENT	2.82E-02	4.52E-04	1.29E-01	8.50E-04	0.16
6904344143506	690434	4143506	RESIDENT	2.86E-02	4.42E-04	1.31E-01	8.30E-04	0.16
6904394143506	690439	4143506	RESIDENT	2.90E-02	4.32E-04	1.33E-01	8.11E-04	0.16
6904444143506	690444	4143506	RESIDENT	2.95E-02	4.22E-04	1.35E-01	7.92E-04	0.17
6904494143506	690449	4143506	RESIDENT	2.99E-02	4.12E-04	1.37E-01	7.74E-04	0.17
6904544143506	690454	4143506	RESIDENT	3.03E-02	4.03E-04	1.38E-01	7.57E-04	0.17
6904594143506	690459	4143506	RESIDENT	3.07E-02	3.94E-04	1.40E-01	7.40E-04	0.17
6904644143506	690464	4143506	RESIDENT	3.11E-02	3.86E-04	1.42E-01	7.24E-04	0.17
6904694143506	690469	4143506	RESIDENT	3.15E-02	3.77E-04	1.44E-01	7.09E-04	0.18
6904744143506	690474	4143506	RESIDENT	3.19E-02	3.69E-04	1.46E-01	6.94E-04	0.18
6904794143506	690479	4143506	RESIDENT	3.23E-02	3.62E-04	1.48E-01	6.79E-04	0.18
6904844143506	690484	4143506	RESIDENT	3.27E-02	3.54E-04	1.50E-01	6.65E-04	0.18
6904894143506	690489	4143506	RESIDENT	3.31E-02	3.47E-04	1.51E-01	6.52E-04	0.19
6904944143506	690494	4143506	RESIDENT	3.35E-02	3.40E-04	1.53E-01	6.38E-04	0.19
6904994143506	690499	4143506	RESIDENT	3.39E-02	3.33E-04	1.55E-01	6.26E-04	0.19
6904044143511	690404	4143511	RESIDENT	2.66E-02	5.22E-04	1.22E-01	9.80E-04	0.15
6904094143511	690409	4143511	RESIDENT	2.70E-02	5.08E-04	1.23E-01	9.55E-04	0.15
6904144143511	690414	4143511	RESIDENT	2.74E-02	4.96E-04	1.25E-01	9.31E-04	0.15
6904194143511	690419	4143511	RESIDENT	2.78E-02	4.83E-04	1.27E-01	9.08E-04	0.16
6904244143511	690424	4143511	RESIDENT	2.83E-02	4.71E-04	1.29E-01	8.85E-04	0.16
6904294143511	690429	4143511	RESIDENT	2.87E-02	4.60E-04	1.31E-01	8.64E-04	0.16
6904344143511	690434	4143511	RESIDENT	2.91E-02	4.49E-04	1.33E-01	8.43E-04	0.16
6904394143511	690439	4143511	RESIDENT	2.95E-02	4.38E-04	1.35E-01	8.23E-04	0.17
6904444143511	690444	4143511	RESIDENT	2.99E-02	4.28E-04	1.37E-01	8.03E-04	0.17
6904494143511	690449	4143511	RESIDENT	3.04E-02	4.18E-04	1.39E-01	7.85E-04	0.17
6904544143511	690454	4143511	RESIDENT	3.08E-02	4.08E-04	1.41E-01	7.67E-04	0.17
6904594143511	690459	4143511	RESIDENT	3.12E-02	3.99E-04	1.43E-01	7.49E-04	0.18

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904644143511	690464	4143511	RESIDENT	3.16E-02	3.90E-04	1.45E-01	7.33E-04	0.18
6904694143511	690469	4143511	RESIDENT	3.20E-02	3.81E-04	1.46E-01	7.17E-04	0.18
6904744143511	690474	4143511	RESIDENT	3.24E-02	3.73E-04	1.48E-01	7.01E-04	0.18
6904794143511	690479	4143511	RESIDENT	3.28E-02	3.65E-04	1.50E-01	6.86E-04	0.18
6904844143511	690484	4143511	RESIDENT	3.32E-02	3.58E-04	1.52E-01	6.72E-04	0.19
6904894143511	690489	4143511	RESIDENT	3.36E-02	3.50E-04	1.54E-01	6.58E-04	0.19
6904944143511	690494	4143511	RESIDENT	3.40E-02	3.43E-04	1.56E-01	6.44E-04	0.19
6904994143511	690499	4143511	RESIDENT	3.44E-02	3.36E-04	1.57E-01	6.31E-04	0.19
6904044143516	690404	4143516	RESIDENT	2.70E-02	5.32E-04	1.24E-01	1.00E-03	0.15
6904094143516	690409	4143516	RESIDENT	2.75E-02	5.18E-04	1.26E-01	9.73E-04	0.15
6904144143516	690414	4143516	RESIDENT	2.79E-02	5.05E-04	1.27E-01	9.48E-04	0.16
6904194143516	690419	4143516	RESIDENT	2.83E-02	4.92E-04	1.29E-01	9.23E-04	0.16
6904244143516	690424	4143516	RESIDENT	2.87E-02	4.79E-04	1.31E-01	9.00E-04	0.16
6904294143516	690429	4143516	RESIDENT	2.92E-02	4.67E-04	1.33E-01	8.77E-04	0.16
6904344143516	690434	4143516	RESIDENT	2.96E-02	4.55E-04	1.35E-01	8.55E-04	0.17
6904394143516	690439	4143516	RESIDENT	3.00E-02	4.44E-04	1.37E-01	8.34E-04	0.17
6904444143516	690444	4143516	RESIDENT	3.04E-02	4.33E-04	1.39E-01	8.14E-04	0.17
6904494143516	690449	4143516	RESIDENT	3.09E-02	4.23E-04	1.41E-01	7.95E-04	0.17
6904544143516	690454	4143516	RESIDENT	3.13E-02	4.13E-04	1.43E-01	7.76E-04	0.18
6904594143516	690459	4143516	RESIDENT	3.17E-02	4.04E-04	1.45E-01	7.58E-04	0.18
6904644143516	690464	4143516	RESIDENT	3.21E-02	3.94E-04	1.47E-01	7.41E-04	0.18
6904694143516	690469	4143516	RESIDENT	3.26E-02	3.86E-04	1.49E-01	7.24E-04	0.18
6904744143516	690474	4143516	RESIDENT	3.30E-02	3.77E-04	1.51E-01	7.08E-04	0.18
6904794143516	690479	4143516	RESIDENT	3.34E-02	3.69E-04	1.53E-01	6.93E-04	0.19
6904844143516	690484	4143516	RESIDENT	3.38E-02	3.61E-04	1.54E-01	6.78E-04	0.19
6904894143516	690489	4143516	RESIDENT	3.42E-02	3.53E-04	1.56E-01	6.64E-04	0.19
6904944143516	690494	4143516	RESIDENT	3.46E-02	3.46E-04	1.58E-01	6.50E-04	0.19
6904994143516	690499	4143516	RESIDENT	3.50E-02	3.39E-04	1.60E-01	6.37E-04	0.20
6904044143521	690404	4143521	RESIDENT	2.75E-02	5.43E-04	1.26E-01	1.02E-03	0.15
6904094143521	690409	4143521	RESIDENT	2.79E-02	5.28E-04	1.28E-01	9.91E-04	0.16
6904144143521	690414	4143521	RESIDENT	2.84E-02	5.13E-04	1.30E-01	9.64E-04	0.16
6904194143521	690419	4143521	RESIDENT	2.88E-02	5.00E-04	1.32E-01	9.38E-04	0.16
6904244143521	690424	4143521	RESIDENT	2.92E-02	4.86E-04	1.34E-01	9.13E-04	0.16
6904294143521	690429	4143521	RESIDENT	2.97E-02	4.74E-04	1.36E-01	8.90E-04	0.17
6904344143521	690434	4143521	RESIDENT	3.01E-02	4.62E-04	1.38E-01	8.67E-04	0.17
6904394143521	690439	4143521	RESIDENT	3.05E-02	4.50E-04	1.40E-01	8.45E-04	0.17
6904444143521	690444	4143521	RESIDENT	3.10E-02	4.39E-04	1.42E-01	8.24E-04	0.17
6904494143521	690449	4143521	RESIDENT	3.14E-02	4.28E-04	1.44E-01	8.04E-04	0.18
6904544143521	690454	4143521	RESIDENT	3.18E-02	4.18E-04	1.45E-01	7.85E-04	0.18
6904594143521	690459	4143521	RESIDENT	3.22E-02	4.08E-04	1.47E-01	7.66E-04	0.18
6904644143521	690464	4143521	RESIDENT	3.27E-02	3.99E-04	1.49E-01	7.49E-04	0.18
6904694143521	690469	4143521	RESIDENT	3.31E-02	3.89E-04	1.51E-01	7.32E-04	0.19
6904744143521	690474	4143521	RESIDENT	3.35E-02	3.81E-04	1.53E-01	7.15E-04	0.19
6904794143521	690479	4143521	RESIDENT	3.39E-02	3.72E-04	1.55E-01	6.99E-04	0.19
6904844143521	690484	4143521	RESIDENT	3.43E-02	3.64E-04	1.57E-01	6.84E-04	0.19
6904894143521	690489	4143521	RESIDENT	3.47E-02	3.56E-04	1.59E-01	6.70E-04	0.19

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904944143521	690494	4143521	RESIDENT	3.51E-02	3.49E-04	1.61E-01	6.56E-04	0.20
6904994143521	690499	4143521	RESIDENT	3.55E-02	3.42E-04	1.63E-01	6.42E-04	0.20
6904044143526	690404	4143526	RESIDENT	2.80E-02	5.52E-04	1.28E-01	1.04E-03	0.16
6904094143526	690409	4143526	RESIDENT	2.84E-02	5.37E-04	1.30E-01	1.01E-03	0.16
6904144143526	690414	4143526	RESIDENT	2.88E-02	5.22E-04	1.32E-01	9.80E-04	0.16
6904194143526	690419	4143526	RESIDENT	2.93E-02	5.07E-04	1.34E-01	9.53E-04	0.16
6904244143526	690424	4143526	RESIDENT	2.97E-02	4.93E-04	1.36E-01	9.27E-04	0.17
6904294143526	690429	4143526	RESIDENT	3.02E-02	4.80E-04	1.38E-01	9.02E-04	0.17
6904344143526	690434	4143526	RESIDENT	3.06E-02	4.68E-04	1.40E-01	8.78E-04	0.17
6904394143526	690439	4143526	RESIDENT	3.10E-02	4.56E-04	1.42E-01	8.56E-04	0.17
6904444143526	690444	4143526	RESIDENT	3.15E-02	4.44E-04	1.44E-01	8.34E-04	0.18
6904494143526	690449	4143526	RESIDENT	3.19E-02	4.33E-04	1.46E-01	8.13E-04	0.18
6904544143526	690454	4143526	RESIDENT	3.24E-02	4.22E-04	1.48E-01	7.93E-04	0.18
6904594143526	690459	4143526	RESIDENT	3.28E-02	4.12E-04	1.50E-01	7.74E-04	0.18
6904644143526	690464	4143526	RESIDENT	3.32E-02	4.03E-04	1.52E-01	7.56E-04	0.19
6904694143526	690469	4143526	RESIDENT	3.36E-02	3.93E-04	1.54E-01	7.39E-04	0.19
6904744143526	690474	4143526	RESIDENT	3.41E-02	3.84E-04	1.56E-01	7.22E-04	0.19
6904794143526	690479	4143526	RESIDENT	3.45E-02	3.76E-04	1.58E-01	7.06E-04	0.19
6904844143526	690484	4143526	RESIDENT	3.49E-02	3.67E-04	1.60E-01	6.90E-04	0.20
6904894143526	690489	4143526	RESIDENT	3.53E-02	3.59E-04	1.61E-01	6.75E-04	0.20
6904944143526	690494	4143526	RESIDENT	3.57E-02	3.52E-04	1.63E-01	6.61E-04	0.20
6904994143526	690499	4143526	RESIDENT	3.61E-02	3.44E-04	1.65E-01	6.47E-04	0.20
6904044143531	690404	4143531	RESIDENT	2.84E-02	5.62E-04	1.30E-01	1.06E-03	0.16
6904094143531	690409	4143531	RESIDENT	2.89E-02	5.45E-04	1.32E-01	1.02E-03	0.16
6904144143531	690414	4143531	RESIDENT	2.93E-02	5.30E-04	1.34E-01	9.95E-04	0.16
6904194143531	690419	4143531	RESIDENT	2.98E-02	5.14E-04	1.36E-01	9.66E-04	0.17
6904244143531	690424	4143531	RESIDENT	3.02E-02	5.00E-04	1.38E-01	9.39E-04	0.17
6904294143531	690429	4143531	RESIDENT	3.07E-02	4.86E-04	1.40E-01	9.14E-04	0.17
6904344143531	690434	4143531	RESIDENT	3.11E-02	4.73E-04	1.42E-01	8.89E-04	0.17
6904394143531	690439	4143531	RESIDENT	3.16E-02	4.61E-04	1.44E-01	8.66E-04	0.18
6904444143531	690444	4143531	RESIDENT	3.20E-02	4.49E-04	1.46E-01	8.43E-04	0.18
6904494143531	690449	4143531	RESIDENT	3.25E-02	4.38E-04	1.48E-01	8.22E-04	0.18
6904544143531	690454	4143531	RESIDENT	3.29E-02	4.27E-04	1.50E-01	8.02E-04	0.18
6904594143531	690459	4143531	RESIDENT	3.33E-02	4.16E-04	1.52E-01	7.82E-04	0.19
6904644143531	690464	4143531	RESIDENT	3.38E-02	4.06E-04	1.54E-01	7.63E-04	0.19
6904694143531	690469	4143531	RESIDENT	3.42E-02	3.97E-04	1.56E-01	7.45E-04	0.19
6904744143531	690474	4143531	RESIDENT	3.46E-02	3.88E-04	1.58E-01	7.28E-04	0.19
6904794143531	690479	4143531	RESIDENT	3.51E-02	3.79E-04	1.60E-01	7.12E-04	0.20
6904844143531	690484	4143531	RESIDENT	3.55E-02	3.70E-04	1.62E-01	6.96E-04	0.20
6904894143531	690489	4143531	RESIDENT	3.59E-02	3.62E-04	1.64E-01	6.81E-04	0.20
6904944143531	690494	4143531	RESIDENT	3.63E-02	3.55E-04	1.66E-01	6.66E-04	0.20
6904994143531	690499	4143531	RESIDENT	3.67E-02	3.47E-04	1.68E-01	6.52E-04	0.21
6904044143536	690404	4143536	RESIDENT	2.89E-02	5.71E-04	1.32E-01	1.07E-03	0.16
6904094143536	690409	4143536	RESIDENT	2.94E-02	5.54E-04	1.34E-01	1.04E-03	0.17
6904144143536	690414	4143536	RESIDENT	2.98E-02	5.37E-04	1.36E-01	1.01E-03	0.17
6904194143536	690419	4143536	RESIDENT	3.03E-02	5.21E-04	1.39E-01	9.79E-04	0.17

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904244143536	690424	4143536	RESIDENT	3.07E-02	5.07E-04	1.41E-01	9.51E-04	0.17
6904294143536	690429	4143536	RESIDENT	3.12E-02	4.92E-04	1.43E-01	9.25E-04	0.18
6904344143536	690434	4143536	RESIDENT	3.17E-02	4.79E-04	1.45E-01	9.00E-04	0.18
6904394143536	690439	4143536	RESIDENT	3.21E-02	4.66E-04	1.47E-01	8.75E-04	0.18
6904444143536	690444	4143536	RESIDENT	3.26E-02	4.54E-04	1.49E-01	8.52E-04	0.18
6904494143536	690449	4143536	RESIDENT	3.30E-02	4.42E-04	1.51E-01	8.30E-04	0.19
6904544143536	690454	4143536	RESIDENT	3.35E-02	4.31E-04	1.53E-01	8.09E-04	0.19
6904594143536	690459	4143536	RESIDENT	3.39E-02	4.20E-04	1.55E-01	7.89E-04	0.19
6904644143536	690464	4143536	RESIDENT	3.43E-02	4.10E-04	1.57E-01	7.70E-04	0.19
6904694143536	690469	4143536	RESIDENT	3.48E-02	4.00E-04	1.59E-01	7.52E-04	0.19
6904744143536	690474	4143536	RESIDENT	3.52E-02	3.91E-04	1.61E-01	7.34E-04	0.20
6904794143536	690479	4143536	RESIDENT	3.56E-02	3.82E-04	1.63E-01	7.17E-04	0.20
6904844143536	690484	4143536	RESIDENT	3.61E-02	3.73E-04	1.65E-01	7.01E-04	0.20
6904894143536	690489	4143536	RESIDENT	3.65E-02	3.65E-04	1.67E-01	6.86E-04	0.20
6904944143536	690494	4143536	RESIDENT	3.69E-02	3.57E-04	1.69E-01	6.71E-04	0.21
6904994143536	690499	4143536	RESIDENT	3.73E-02	3.50E-04	1.71E-01	6.57E-04	0.21
6904044143541	690404	4143541	RESIDENT	2.94E-02	5.79E-04	1.35E-01	1.09E-03	0.17
6904094143541	690409	4143541	RESIDENT	2.99E-02	5.61E-04	1.37E-01	1.05E-03	0.17
6904144143541	690414	4143541	RESIDENT	3.04E-02	5.44E-04	1.39E-01	1.02E-03	0.17
6904194143541	690419	4143541	RESIDENT	3.08E-02	5.28E-04	1.41E-01	9.92E-04	0.17
6904244143541	690424	4143541	RESIDENT	3.13E-02	5.13E-04	1.43E-01	9.63E-04	0.18
6904294143541	690429	4143541	RESIDENT	3.17E-02	4.98E-04	1.45E-01	9.36E-04	0.18
6904344143541	690434	4143541	RESIDENT	3.22E-02	4.84E-04	1.47E-01	9.09E-04	0.18
6904394143541	690439	4143541	RESIDENT	3.27E-02	4.71E-04	1.49E-01	8.85E-04	0.18
6904444143541	690444	4143541	RESIDENT	3.31E-02	4.58E-04	1.51E-01	8.61E-04	0.19
6904494143541	690449	4143541	RESIDENT	3.36E-02	4.46E-04	1.54E-01	8.39E-04	0.19
6904544143541	690454	4143541	RESIDENT	3.40E-02	4.35E-04	1.56E-01	8.17E-04	0.19
6904594143541	690459	4143541	RESIDENT	3.45E-02	4.24E-04	1.58E-01	7.97E-04	0.19
6904644143541	690464	4143541	RESIDENT	3.49E-02	4.14E-04	1.60E-01	7.77E-04	0.20
6904694143541	690469	4143541	RESIDENT	3.54E-02	4.04E-04	1.62E-01	7.58E-04	0.20
6904744143541	690474	4143541	RESIDENT	3.58E-02	3.94E-04	1.64E-01	7.40E-04	0.20
6904794143541	690479	4143541	RESIDENT	3.62E-02	3.85E-04	1.66E-01	7.23E-04	0.20
6904844143541	690484	4143541	RESIDENT	3.67E-02	3.76E-04	1.68E-01	7.07E-04	0.21
6904894143541	690489	4143541	RESIDENT	3.71E-02	3.68E-04	1.70E-01	6.91E-04	0.21
6904944143541	690494	4143541	RESIDENT	3.75E-02	3.60E-04	1.72E-01	6.76E-04	0.21
6904994143541	690499	4143541	RESIDENT	3.79E-02	3.52E-04	1.73E-01	6.61E-04	0.21
6904044143546	690404	4143546	RESIDENT	2.99E-02	5.87E-04	1.37E-01	1.10E-03	0.17
6904094143546	690409	4143546	RESIDENT	3.04E-02	5.69E-04	1.39E-01	1.07E-03	0.17
6904144143546	690414	4143546	RESIDENT	3.09E-02	5.51E-04	1.41E-01	1.04E-03	0.17
6904194143546	690419	4143546	RESIDENT	3.14E-02	5.34E-04	1.43E-01	1.00E-03	0.18
6904244143546	690424	4143546	RESIDENT	3.18E-02	5.19E-04	1.46E-01	9.74E-04	0.18
6904294143546	690429	4143546	RESIDENT	3.23E-02	5.03E-04	1.48E-01	9.46E-04	0.18
6904344143546	690434	4143546	RESIDENT	3.28E-02	4.89E-04	1.50E-01	9.19E-04	0.18
6904394143546	690439	4143546	RESIDENT	3.32E-02	4.76E-04	1.52E-01	8.93E-04	0.19
6904444143546	690444	4143546	RESIDENT	3.37E-02	4.63E-04	1.54E-01	8.69E-04	0.19
6904494143546	690449	4143546	RESIDENT	3.42E-02	4.51E-04	1.56E-01	8.46E-04	0.19

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904544143546	690454	4143546	RESIDENT	3.46E-02	4.39E-04	1.58E-01	8.24E-04	0.19
6904594143546	690459	4143546	RESIDENT	3.51E-02	4.28E-04	1.60E-01	8.03E-04	0.20
6904644143546	690464	4143546	RESIDENT	3.55E-02	4.17E-04	1.62E-01	7.83E-04	0.20
6904694143546	690469	4143546	RESIDENT	3.60E-02	4.07E-04	1.64E-01	7.64E-04	0.20
6904744143546	690474	4143546	RESIDENT	3.64E-02	3.97E-04	1.67E-01	7.46E-04	0.20
6904794143546	690479	4143546	RESIDENT	3.69E-02	3.88E-04	1.69E-01	7.28E-04	0.21
6904844143546	690484	4143546	RESIDENT	3.73E-02	3.79E-04	1.71E-01	7.12E-04	0.21
6904894143546	690489	4143546	RESIDENT	3.77E-02	3.70E-04	1.72E-01	6.96E-04	0.21
6904944143546	690494	4143546	RESIDENT	3.81E-02	3.62E-04	1.74E-01	6.80E-04	0.21
6904994143546	690499	4143546	RESIDENT	3.86E-02	3.54E-04	1.76E-01	6.65E-04	0.22
6904044143551	690404	4143551	RESIDENT	3.05E-02	5.95E-04	1.39E-01	1.12E-03	0.17
6904094143551	690409	4143551	RESIDENT	3.09E-02	5.76E-04	1.41E-01	1.08E-03	0.17
6904144143551	690414	4143551	RESIDENT	3.14E-02	5.58E-04	1.44E-01	1.05E-03	0.18
6904194143551	690419	4143551	RESIDENT	3.19E-02	5.40E-04	1.46E-01	1.01E-03	0.18
6904244143551	690424	4143551	RESIDENT	3.24E-02	5.24E-04	1.48E-01	9.84E-04	0.18
6904294143551	690429	4143551	RESIDENT	3.29E-02	5.09E-04	1.50E-01	9.55E-04	0.18
6904344143551	690434	4143551	RESIDENT	3.33E-02	4.94E-04	1.52E-01	9.28E-04	0.19
6904394143551	690439	4143551	RESIDENT	3.38E-02	4.80E-04	1.55E-01	9.02E-04	0.19
6904444143551	690444	4143551	RESIDENT	3.43E-02	4.67E-04	1.57E-01	8.77E-04	0.19
6904494143551	690449	4143551	RESIDENT	3.47E-02	4.54E-04	1.59E-01	8.54E-04	0.19
6904544143551	690454	4143551	RESIDENT	3.52E-02	4.43E-04	1.61E-01	8.31E-04	0.20
6904594143551	690459	4143551	RESIDENT	3.57E-02	4.31E-04	1.63E-01	8.10E-04	0.20
6904644143551	690464	4143551	RESIDENT	3.61E-02	4.20E-04	1.65E-01	7.89E-04	0.20
6904694143551	690469	4143551	RESIDENT	3.66E-02	4.10E-04	1.67E-01	7.70E-04	0.21
6904744143551	690474	4143551	RESIDENT	3.70E-02	4.00E-04	1.69E-01	7.51E-04	0.21
6904794143551	690479	4143551	RESIDENT	3.75E-02	3.91E-04	1.71E-01	7.34E-04	0.21
6904844143551	690484	4143551	RESIDENT	3.79E-02	3.81E-04	1.73E-01	7.17E-04	0.21
6904894143551	690489	4143551	RESIDENT	3.84E-02	3.73E-04	1.75E-01	7.00E-04	0.21
6904944143551	690494	4143551	RESIDENT	3.88E-02	3.64E-04	1.77E-01	6.85E-04	0.22
6904994143551	690499	4143551	RESIDENT	3.92E-02	3.56E-04	1.79E-01	6.70E-04	0.22
6904044143556	690404	4143556	RESIDENT	3.10E-02	6.02E-04	1.42E-01	1.13E-03	0.17
6904094143556	690409	4143556	RESIDENT	3.15E-02	5.82E-04	1.44E-01	1.09E-03	0.18
6904144143556	690414	4143556	RESIDENT	3.20E-02	5.64E-04	1.46E-01	1.06E-03	0.18
6904194143556	690419	4143556	RESIDENT	3.25E-02	5.46E-04	1.48E-01	1.03E-03	0.18
6904244143556	690424	4143556	RESIDENT	3.29E-02	5.29E-04	1.51E-01	9.94E-04	0.19
6904294143556	690429	4143556	RESIDENT	3.34E-02	5.14E-04	1.53E-01	9.64E-04	0.19
6904344143556	690434	4143556	RESIDENT	3.39E-02	4.99E-04	1.55E-01	9.36E-04	0.19
6904394143556	690439	4143556	RESIDENT	3.44E-02	4.84E-04	1.57E-01	9.10E-04	0.19
6904444143556	690444	4143556	RESIDENT	3.49E-02	4.71E-04	1.59E-01	8.85E-04	0.20
6904494143556	690449	4143556	RESIDENT	3.53E-02	4.58E-04	1.62E-01	8.61E-04	0.20
6904544143556	690454	4143556	RESIDENT	3.58E-02	4.46E-04	1.64E-01	8.38E-04	0.20
6904594143556	690459	4143556	RESIDENT	3.63E-02	4.34E-04	1.66E-01	8.16E-04	0.20
6904644143556	690464	4143556	RESIDENT	3.68E-02	4.23E-04	1.68E-01	7.95E-04	0.21
6904694143556	690469	4143556	RESIDENT	3.72E-02	4.13E-04	1.70E-01	7.75E-04	0.21
6904044143561	690404	4143561	RESIDENT	3.16E-02	6.09E-04	1.44E-01	1.14E-03	0.18
6904094143561	690409	4143561	RESIDENT	3.20E-02	5.89E-04	1.47E-01	1.11E-03	0.18

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904144143561	690414	4143561	RESIDENT	3.25E-02	5.69E-04	1.49E-01	1.07E-03	0.18
6904194143561	690419	4143561	RESIDENT	3.30E-02	5.51E-04	1.51E-01	1.04E-03	0.19
6904244143561	690424	4143561	RESIDENT	3.35E-02	5.34E-04	1.53E-01	1.00E-03	0.19
6904294143561	690429	4143561	RESIDENT	3.40E-02	5.18E-04	1.56E-01	9.73E-04	0.19
6904344143561	690434	4143561	RESIDENT	3.45E-02	5.03E-04	1.58E-01	9.45E-04	0.19
6904394143561	690439	4143561	RESIDENT	3.50E-02	4.88E-04	1.60E-01	9.17E-04	0.20
6904444143561	690444	4143561	RESIDENT	3.55E-02	4.75E-04	1.62E-01	8.92E-04	0.20
6904494143561	690449	4143561	RESIDENT	3.60E-02	4.62E-04	1.64E-01	8.67E-04	0.20
6904544143561	690454	4143561	RESIDENT	3.64E-02	4.49E-04	1.67E-01	8.44E-04	0.20
6904594143561	690459	4143561	RESIDENT	3.69E-02	4.38E-04	1.69E-01	8.22E-04	0.21
6904644143561	690464	4143561	RESIDENT	3.74E-02	4.26E-04	1.71E-01	8.01E-04	0.21
6904694143561	690469	4143561	RESIDENT	3.79E-02	4.16E-04	1.73E-01	7.81E-04	0.21
6904044143566	690404	4143566	RESIDENT	3.21E-02	6.15E-04	1.47E-01	1.16E-03	0.18
6904094143566	690409	4143566	RESIDENT	3.26E-02	5.94E-04	1.49E-01	1.12E-03	0.18
6904144143566	690414	4143566	RESIDENT	3.31E-02	5.75E-04	1.51E-01	1.08E-03	0.19
6904194143566	690419	4143566	RESIDENT	3.36E-02	5.56E-04	1.54E-01	1.05E-03	0.19
6904244143566	690424	4143566	RESIDENT	3.41E-02	5.39E-04	1.56E-01	1.01E-03	0.19
6904294143566	690429	4143566	RESIDENT	3.46E-02	5.23E-04	1.58E-01	9.81E-04	0.19
6904344143566	690434	4143566	RESIDENT	3.51E-02	5.07E-04	1.61E-01	9.52E-04	0.20
6904394143566	690439	4143566	RESIDENT	3.56E-02	4.92E-04	1.63E-01	9.25E-04	0.20
6904444143566	690444	4143566	RESIDENT	3.61E-02	4.78E-04	1.65E-01	8.99E-04	0.20
6904494143566	690449	4143566	RESIDENT	3.66E-02	4.65E-04	1.67E-01	8.74E-04	0.21
6904544143566	690454	4143566	RESIDENT	3.71E-02	4.53E-04	1.70E-01	8.50E-04	0.21
6904594143566	690459	4143566	RESIDENT	3.76E-02	4.41E-04	1.72E-01	8.28E-04	0.21
6904644143566	690464	4143566	RESIDENT	3.80E-02	4.29E-04	1.74E-01	8.06E-04	0.21
6904694143566	690469	4143566	RESIDENT	3.85E-02	4.18E-04	1.76E-01	7.86E-04	0.22
6904044143571	690404	4143571	RESIDENT	3.27E-02	6.21E-04	1.49E-01	1.17E-03	0.18
6904094143571	690409	4143571	RESIDENT	3.32E-02	6.00E-04	1.52E-01	1.13E-03	0.19
6904144143571	690414	4143571	RESIDENT	3.37E-02	5.80E-04	1.54E-01	1.09E-03	0.19
6904194143571	690419	4143571	RESIDENT	3.42E-02	5.61E-04	1.56E-01	1.05E-03	0.19
6904244143571	690424	4143571	RESIDENT	3.47E-02	5.43E-04	1.59E-01	1.02E-03	0.20
6904294143571	690429	4143571	RESIDENT	3.52E-02	5.27E-04	1.61E-01	9.89E-04	0.20
6904344143571	690434	4143571	RESIDENT	3.57E-02	5.11E-04	1.63E-01	9.60E-04	0.20
6904394143571	690439	4143571	RESIDENT	3.62E-02	4.96E-04	1.66E-01	9.32E-04	0.20
6904444143571	690444	4143571	RESIDENT	3.67E-02	4.82E-04	1.68E-01	9.05E-04	0.21
6904494143571	690449	4143571	RESIDENT	3.72E-02	4.68E-04	1.70E-01	8.80E-04	0.21
6904544143571	690454	4143571	RESIDENT	3.77E-02	4.56E-04	1.73E-01	8.56E-04	0.21
6904594143571	690459	4143571	RESIDENT	3.82E-02	4.44E-04	1.75E-01	8.33E-04	0.21
6904644143571	690464	4143571	RESIDENT	3.87E-02	4.32E-04	1.77E-01	8.11E-04	0.22
6904694143571	690469	4143571	RESIDENT	3.92E-02	4.21E-04	1.79E-01	7.91E-04	0.22
6904044143576	690404	4143576	RESIDENT	3.33E-02	6.27E-04	1.52E-01	1.18E-03	0.19
6904094143576	690409	4143576	RESIDENT	3.38E-02	6.05E-04	1.55E-01	1.14E-03	0.19
6904144143576	690414	4143576	RESIDENT	3.43E-02	5.85E-04	1.57E-01	1.10E-03	0.19
6904194143576	690419	4143576	RESIDENT	3.48E-02	5.66E-04	1.59E-01	1.06E-03	0.20
6904244143576	690424	4143576	RESIDENT	3.54E-02	5.48E-04	1.62E-01	1.03E-03	0.20
6904294143576	690429	4143576	RESIDENT	3.59E-02	5.31E-04	1.64E-01	9.97E-04	0.20

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904344143576	690434	4143576	RESIDENT	3.64E-02	5.15E-04	1.66E-01	9.67E-04	0.20
6904394143576	690439	4143576	RESIDENT	3.69E-02	4.99E-04	1.69E-01	9.38E-04	0.21
6904444143576	690444	4143576	RESIDENT	3.74E-02	4.85E-04	1.71E-01	9.11E-04	0.21
6904494143576	690449	4143576	RESIDENT	3.79E-02	4.71E-04	1.73E-01	8.86E-04	0.21
6904544143576	690454	4143576	RESIDENT	3.84E-02	4.59E-04	1.76E-01	8.61E-04	0.22
6904594143576	690459	4143576	RESIDENT	3.89E-02	4.46E-04	1.78E-01	8.38E-04	0.22
6904644143576	690464	4143576	RESIDENT	3.94E-02	4.35E-04	1.80E-01	8.16E-04	0.22
6904694143576	690469	4143576	RESIDENT	3.99E-02	4.23E-04	1.82E-01	7.95E-04	0.22
6904044143581	690404	4143581	RESIDENT	3.39E-02	6.32E-04	1.55E-01	1.19E-03	0.19
6904094143581	690409	4143581	RESIDENT	3.44E-02	6.10E-04	1.57E-01	1.15E-03	0.19
6904144143581	690414	4143581	RESIDENT	3.49E-02	5.89E-04	1.60E-01	1.11E-03	0.20
6904194143581	690419	4143581	RESIDENT	3.55E-02	5.70E-04	1.62E-01	1.07E-03	0.20
6904244143581	690424	4143581	RESIDENT	3.60E-02	5.52E-04	1.65E-01	1.04E-03	0.20
6904294143581	690429	4143581	RESIDENT	3.65E-02	5.34E-04	1.67E-01	1.00E-03	0.21
6904344143581	690434	4143581	RESIDENT	3.70E-02	5.18E-04	1.69E-01	9.73E-04	0.21
6904394143581	690439	4143581	RESIDENT	3.76E-02	5.03E-04	1.72E-01	9.44E-04	0.21
6904444143581	690444	4143581	RESIDENT	3.81E-02	4.88E-04	1.74E-01	9.17E-04	0.21
6904494143581	690449	4143581	RESIDENT	3.86E-02	4.74E-04	1.76E-01	8.91E-04	0.22
6904544143581	690454	4143581	RESIDENT	3.91E-02	4.61E-04	1.79E-01	8.67E-04	0.22
6904594143581	690459	4143581	RESIDENT	3.96E-02	4.49E-04	1.81E-01	8.43E-04	0.22
6904644143581	690464	4143581	RESIDENT	4.01E-02	4.37E-04	1.83E-01	8.21E-04	0.22
6904694143581	690469	4143581	RESIDENT	4.06E-02	4.26E-04	1.85E-01	8.00E-04	0.23
6904044143586	690404	4143586	RESIDENT	3.45E-02	6.37E-04	1.58E-01	1.20E-03	0.19
6904094143586	690409	4143586	RESIDENT	3.50E-02	6.15E-04	1.60E-01	1.15E-03	0.20
6904144143586	690414	4143586	RESIDENT	3.56E-02	5.94E-04	1.63E-01	1.12E-03	0.20
6904194143586	690419	4143586	RESIDENT	3.61E-02	5.74E-04	1.65E-01	1.08E-03	0.20
6904244143586	690424	4143586	RESIDENT	3.66E-02	5.56E-04	1.68E-01	1.04E-03	0.21
6904294143586	690429	4143586	RESIDENT	3.72E-02	5.38E-04	1.70E-01	1.01E-03	0.21
6904344143586	690434	4143586	RESIDENT	3.77E-02	5.22E-04	1.72E-01	9.80E-04	0.21
6904394143586	690439	4143586	RESIDENT	3.82E-02	5.06E-04	1.75E-01	9.50E-04	0.21
6904444143586	690444	4143586	RESIDENT	3.88E-02	4.91E-04	1.77E-01	9.23E-04	0.22
6904494143586	690449	4143586	RESIDENT	3.93E-02	4.77E-04	1.80E-01	8.96E-04	0.22
6904544143586	690454	4143586	RESIDENT	3.98E-02	4.64E-04	1.82E-01	8.72E-04	0.22
6904594143586	690459	4143586	RESIDENT	4.03E-02	4.51E-04	1.84E-01	8.48E-04	0.23
6904644143586	690464	4143586	RESIDENT	4.08E-02	4.40E-04	1.86E-01	8.26E-04	0.23
6904694143586	690469	4143586	RESIDENT	4.13E-02	4.28E-04	1.89E-01	8.04E-04	0.23
6904044143591	690404	4143591	RESIDENT	3.51E-02	6.42E-04	1.61E-01	1.21E-03	0.20
6904094143591	690409	4143591	RESIDENT	3.57E-02	6.19E-04	1.63E-01	1.16E-03	0.20
6904144143591	690414	4143591	RESIDENT	3.62E-02	5.98E-04	1.66E-01	1.12E-03	0.20
6904194143591	690419	4143591	RESIDENT	3.68E-02	5.78E-04	1.68E-01	1.09E-03	0.21
6904244143591	690424	4143591	RESIDENT	3.73E-02	5.59E-04	1.71E-01	1.05E-03	0.21
6904294143591	690429	4143591	RESIDENT	3.79E-02	5.41E-04	1.73E-01	1.02E-03	0.21
6904344143591	690434	4143591	RESIDENT	3.84E-02	5.25E-04	1.76E-01	9.86E-04	0.22
6904394143591	690439	4143591	RESIDENT	3.89E-02	5.09E-04	1.78E-01	9.56E-04	0.22
6904444143591	690444	4143591	RESIDENT	3.95E-02	4.94E-04	1.80E-01	9.28E-04	0.22
6904494143591	690449	4143591	RESIDENT	4.00E-02	4.80E-04	1.83E-01	9.02E-04	0.22

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904544143591	690454	4143591	RESIDENT	4.05E-02	4.67E-04	1.85E-01	8.76E-04	0.23
6904594143591	690459	4143591	RESIDENT	4.10E-02	4.54E-04	1.87E-01	8.53E-04	0.23
6904644143591	690464	4143591	RESIDENT	4.15E-02	4.42E-04	1.90E-01	8.30E-04	0.23
6904694143591	690469	4143591	RESIDENT	4.20E-02	4.30E-04	1.92E-01	8.08E-04	0.24
6904044143596	690404	4143596	RESIDENT	3.58E-02	6.47E-04	1.64E-01	1.21E-03	0.20
6904094143596	690409	4143596	RESIDENT	3.63E-02	6.24E-04	1.66E-01	1.17E-03	0.20
6904144143596	690414	4143596	RESIDENT	3.69E-02	6.02E-04	1.69E-01	1.13E-03	0.21
6904194143596	690419	4143596	RESIDENT	3.75E-02	5.82E-04	1.71E-01	1.09E-03	0.21
6904244143596	690424	4143596	RESIDENT	3.80E-02	5.63E-04	1.74E-01	1.06E-03	0.21
6904294143596	690429	4143596	RESIDENT	3.85E-02	5.45E-04	1.76E-01	1.02E-03	0.22
6904344143596	690434	4143596	RESIDENT	3.91E-02	5.28E-04	1.79E-01	9.92E-04	0.22
6904394143596	690439	4143596	RESIDENT	3.96E-02	5.12E-04	1.81E-01	9.62E-04	0.22
6904444143596	690444	4143596	RESIDENT	4.02E-02	4.97E-04	1.84E-01	9.33E-04	0.23
6904494143596	690449	4143596	RESIDENT	4.07E-02	4.83E-04	1.86E-01	9.07E-04	0.23
6904544143596	690454	4143596	RESIDENT	4.12E-02	4.69E-04	1.88E-01	8.81E-04	0.23
6904594143596	690459	4143596	RESIDENT	4.17E-02	4.56E-04	1.91E-01	8.57E-04	0.23
6904644143596	690464	4143596	RESIDENT	4.23E-02	4.44E-04	1.93E-01	8.34E-04	0.24
6904694143596	690469	4143596	RESIDENT	4.28E-02	4.32E-04	1.96E-01	8.12E-04	0.24
6904044143601	690404	4143601	RESIDENT	3.65E-02	6.51E-04	1.67E-01	1.22E-03	0.21
6904094143601	690409	4143601	RESIDENT	3.70E-02	6.28E-04	1.69E-01	1.18E-03	0.21
6904144143601	690414	4143601	RESIDENT	3.76E-02	6.06E-04	1.72E-01	1.14E-03	0.21
6904194143601	690419	4143601	RESIDENT	3.81E-02	5.85E-04	1.74E-01	1.10E-03	0.21
6904244143601	690424	4143601	RESIDENT	3.87E-02	5.66E-04	1.77E-01	1.06E-03	0.22
6904294143601	690429	4143601	RESIDENT	3.93E-02	5.48E-04	1.79E-01	1.03E-03	0.22
6904344143601	690434	4143601	RESIDENT	3.98E-02	5.31E-04	1.82E-01	9.97E-04	0.22
6904394143601	690439	4143601	RESIDENT	4.04E-02	5.15E-04	1.85E-01	9.67E-04	0.23
6904444143601	690444	4143601	RESIDENT	4.09E-02	5.00E-04	1.87E-01	9.38E-04	0.23
6904494143601	690449	4143601	RESIDENT	4.14E-02	4.85E-04	1.89E-01	9.11E-04	0.23
6904544143601	690454	4143601	RESIDENT	4.20E-02	4.72E-04	1.92E-01	8.86E-04	0.24
6904594143601	690459	4143601	RESIDENT	4.25E-02	4.59E-04	1.94E-01	8.61E-04	0.24
6904644143601	690464	4143601	RESIDENT	4.30E-02	4.46E-04	1.97E-01	8.38E-04	0.24
6904694143601	690469	4143601	RESIDENT	4.35E-02	4.35E-04	1.99E-01	8.16E-04	0.24
6904044143606	690404	4143606	RESIDENT	3.71E-02	6.55E-04	1.70E-01	1.23E-03	0.21
6904094143606	690409	4143606	RESIDENT	3.77E-02	6.32E-04	1.72E-01	1.19E-03	0.21
6904144143606	690414	4143606	RESIDENT	3.83E-02	6.09E-04	1.75E-01	1.14E-03	0.22
6904194143606	690419	4143606	RESIDENT	3.89E-02	5.89E-04	1.78E-01	1.11E-03	0.22
6904244143606	690424	4143606	RESIDENT	3.94E-02	5.69E-04	1.80E-01	1.07E-03	0.22
6904294143606	690429	4143606	RESIDENT	4.00E-02	5.51E-04	1.83E-01	1.03E-03	0.22
6904344143606	690434	4143606	RESIDENT	4.05E-02	5.34E-04	1.85E-01	1.00E-03	0.23
6904394143606	690439	4143606	RESIDENT	4.11E-02	5.17E-04	1.88E-01	9.72E-04	0.23
6904444143606	690444	4143606	RESIDENT	4.16E-02	5.02E-04	1.90E-01	9.43E-04	0.23
6904494143606	690449	4143606	RESIDENT	4.22E-02	4.88E-04	1.93E-01	9.16E-04	0.24
6904544143606	690454	4143606	RESIDENT	4.27E-02	4.74E-04	1.95E-01	8.90E-04	0.24
6904594143606	690459	4143606	RESIDENT	4.33E-02	4.61E-04	1.98E-01	8.65E-04	0.24
6904644143606	690464	4143606	RESIDENT	4.38E-02	4.48E-04	2.00E-01	8.42E-04	0.25
6904694143606	690469	4143606	RESIDENT	4.43E-02	4.37E-04	2.03E-01	8.20E-04	0.25

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904044143611	690404	4143611	RESIDENT	3.78E-02	6.59E-04	1.73E-01	1.24E-03	0.21
6904094143611	690409	4143611	RESIDENT	3.84E-02	6.35E-04	1.76E-01	1.19E-03	0.22
6904144143611	690414	4143611	RESIDENT	3.90E-02	6.13E-04	1.78E-01	1.15E-03	0.22
6904194143611	690419	4143611	RESIDENT	3.96E-02	5.92E-04	1.81E-01	1.11E-03	0.22
6904244143611	690424	4143611	RESIDENT	4.02E-02	5.72E-04	1.84E-01	1.08E-03	0.23
6904294143611	690429	4143611	RESIDENT	4.07E-02	5.54E-04	1.86E-01	1.04E-03	0.23
6904344143611	690434	4143611	RESIDENT	4.13E-02	5.37E-04	1.89E-01	1.01E-03	0.23
6904394143611	690439	4143611	RESIDENT	4.19E-02	5.20E-04	1.91E-01	9.77E-04	0.23
6904444143611	690444	4143611	RESIDENT	4.24E-02	5.05E-04	1.94E-01	9.48E-04	0.24
6904494143611	690449	4143611	RESIDENT	4.30E-02	4.90E-04	1.96E-01	9.20E-04	0.24
6904544143611	690454	4143611	RESIDENT	4.35E-02	4.76E-04	1.99E-01	8.94E-04	0.24
6904594143611	690459	4143611	RESIDENT	4.40E-02	4.63E-04	2.01E-01	8.69E-04	0.25
6904644143611	690464	4143611	RESIDENT	4.46E-02	4.50E-04	2.04E-01	8.46E-04	0.25
6904694143611	690469	4143611	RESIDENT	4.51E-02	4.38E-04	2.06E-01	8.24E-04	0.25
6904044143616	690404	4143616	RESIDENT	3.86E-02	6.63E-04	1.76E-01	1.25E-03	0.22
6904094143616	690409	4143616	RESIDENT	3.91E-02	6.39E-04	1.79E-01	1.20E-03	0.22
6904144143616	690414	4143616	RESIDENT	3.97E-02	6.16E-04	1.82E-01	1.16E-03	0.22
6904194143616	690419	4143616	RESIDENT	4.03E-02	5.95E-04	1.84E-01	1.12E-03	0.23
6904244143616	690424	4143616	RESIDENT	4.09E-02	5.75E-04	1.87E-01	1.08E-03	0.23
6904294143616	690429	4143616	RESIDENT	4.15E-02	5.57E-04	1.90E-01	1.05E-03	0.23
6904344143616	690434	4143616	RESIDENT	4.21E-02	5.39E-04	1.92E-01	1.01E-03	0.24
6904394143616	690439	4143616	RESIDENT	4.26E-02	5.23E-04	1.95E-01	9.82E-04	0.24
6904444143616	690444	4143616	RESIDENT	4.32E-02	5.07E-04	1.98E-01	9.52E-04	0.24
6904494143616	690449	4143616	RESIDENT	4.38E-02	4.92E-04	2.00E-01	9.25E-04	0.25
6904544143616	690454	4143616	RESIDENT	4.43E-02	4.78E-04	2.03E-01	8.98E-04	0.25
6904594143616	690459	4143616	RESIDENT	4.48E-02	4.65E-04	2.05E-01	8.73E-04	0.25
6904644143616	690464	4143616	RESIDENT	4.54E-02	4.52E-04	2.08E-01	8.50E-04	0.25
6904694143616	690469	4143616	RESIDENT	4.59E-02	4.40E-04	2.10E-01	8.27E-04	0.26
6904044143621	690404	4143621	RESIDENT	3.93E-02	6.67E-04	1.80E-01	1.25E-03	0.22
6904094143621	690409	4143621	RESIDENT	3.99E-02	6.43E-04	1.82E-01	1.21E-03	0.22
6904144143621	690414	4143621	RESIDENT	4.05E-02	6.20E-04	1.85E-01	1.16E-03	0.23
6904194143621	690419	4143621	RESIDENT	4.11E-02	5.98E-04	1.88E-01	1.12E-03	0.23
6904244143621	690424	4143621	RESIDENT	4.17E-02	5.78E-04	1.91E-01	1.09E-03	0.23
6904294143621	690429	4143621	RESIDENT	4.23E-02	5.60E-04	1.93E-01	1.05E-03	0.24
6904344143621	690434	4143621	RESIDENT	4.28E-02	5.42E-04	1.96E-01	1.02E-03	0.24
6904394143621	690439	4143621	RESIDENT	4.34E-02	5.25E-04	1.99E-01	9.86E-04	0.24
6904444143621	690444	4143621	RESIDENT	4.40E-02	5.09E-04	2.01E-01	9.57E-04	0.25
6904494143621	690449	4143621	RESIDENT	4.46E-02	4.95E-04	2.04E-01	9.29E-04	0.25
6904544143621	690454	4143621	RESIDENT	4.51E-02	4.80E-04	2.06E-01	9.02E-04	0.25
6904594143621	690459	4143621	RESIDENT	4.57E-02	4.67E-04	2.09E-01	8.77E-04	0.26
6904644143621	690464	4143621	RESIDENT	4.62E-02	4.54E-04	2.11E-01	8.53E-04	0.26
6904694143621	690469	4143621	RESIDENT	4.67E-02	4.42E-04	2.14E-01	8.31E-04	0.26
6904044143626	690404	4143626	RESIDENT	4.00E-02	6.71E-04	1.83E-01	1.26E-03	0.23
6904094143626	690409	4143626	RESIDENT	4.07E-02	6.46E-04	1.86E-01	1.21E-03	0.23
6904144143626	690414	4143626	RESIDENT	4.13E-02	6.23E-04	1.89E-01	1.17E-03	0.23
6904194143626	690419	4143626	RESIDENT	4.19E-02	6.01E-04	1.91E-01	1.13E-03	0.24

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904244143626	690424	4143626	RESIDENT	4.25E-02	5.81E-04	1.94E-01	1.09E-03	0.24
6904294143626	690429	4143626	RESIDENT	4.31E-02	5.62E-04	1.97E-01	1.06E-03	0.24
6904344143626	690434	4143626	RESIDENT	4.37E-02	5.44E-04	2.00E-01	1.02E-03	0.24
6904394143626	690439	4143626	RESIDENT	4.42E-02	5.28E-04	2.02E-01	9.91E-04	0.25
6904444143626	690444	4143626	RESIDENT	4.48E-02	5.12E-04	2.05E-01	9.61E-04	0.25
6904494143626	690449	4143626	RESIDENT	4.54E-02	4.97E-04	2.08E-01	9.33E-04	0.25
6904544143626	690454	4143626	RESIDENT	4.60E-02	4.83E-04	2.10E-01	9.06E-04	0.26
6904594143626	690459	4143626	RESIDENT	4.65E-02	4.69E-04	2.13E-01	8.81E-04	0.26
6904644143626	690464	4143626	RESIDENT	4.71E-02	4.56E-04	2.15E-01	8.57E-04	0.26
6904044143631	690404	4143631	RESIDENT	4.08E-02	6.74E-04	1.87E-01	1.27E-03	0.23
6904094143631	690409	4143631	RESIDENT	4.14E-02	6.49E-04	1.89E-01	1.22E-03	0.23
6904144143631	690414	4143631	RESIDENT	4.20E-02	6.26E-04	1.92E-01	1.18E-03	0.24
6904194143631	690419	4143631	RESIDENT	4.27E-02	6.04E-04	1.95E-01	1.14E-03	0.24
6904244143631	690424	4143631	RESIDENT	4.33E-02	5.84E-04	1.98E-01	1.10E-03	0.24
6904294143631	690429	4143631	RESIDENT	4.39E-02	5.65E-04	2.01E-01	1.06E-03	0.25
6904344143631	690434	4143631	RESIDENT	4.45E-02	5.47E-04	2.03E-01	1.03E-03	0.25
6904394143631	690439	4143631	RESIDENT	4.51E-02	5.30E-04	2.06E-01	9.96E-04	0.25
6904444143631	690444	4143631	RESIDENT	4.57E-02	5.14E-04	2.09E-01	9.65E-04	0.26
6904494143631	690449	4143631	RESIDENT	4.62E-02	4.99E-04	2.11E-01	9.37E-04	0.26
6904544143631	690454	4143631	RESIDENT	4.68E-02	4.85E-04	2.14E-01	9.10E-04	0.26
6904594143631	690459	4143631	RESIDENT	4.74E-02	4.71E-04	2.17E-01	8.85E-04	0.27
6904644143631	690464	4143631	RESIDENT	4.79E-02	4.58E-04	2.19E-01	8.60E-04	0.27
6904044143636	690404	4143636	RESIDENT	4.16E-02	6.78E-04	1.90E-01	1.27E-03	0.23
6904094143636	690409	4143636	RESIDENT	4.22E-02	6.53E-04	1.93E-01	1.23E-03	0.24
6904144143636	690414	4143636	RESIDENT	4.29E-02	6.29E-04	1.96E-01	1.18E-03	0.24
6904194143636	690419	4143636	RESIDENT	4.35E-02	6.07E-04	1.99E-01	1.14E-03	0.24
6904244143636	690424	4143636	RESIDENT	4.41E-02	5.87E-04	2.02E-01	1.10E-03	0.25
6904294143636	690429	4143636	RESIDENT	4.47E-02	5.68E-04	2.04E-01	1.07E-03	0.25
6904344143636	690434	4143636	RESIDENT	4.53E-02	5.49E-04	2.07E-01	1.03E-03	0.25
6904394143636	690439	4143636	RESIDENT	4.59E-02	5.32E-04	2.10E-01	1.00E-03	0.26
6904444143636	690444	4143636	RESIDENT	4.65E-02	5.16E-04	2.13E-01	9.70E-04	0.26
6904494143636	690449	4143636	RESIDENT	4.71E-02	5.01E-04	2.15E-01	9.41E-04	0.26
6904544143636	690454	4143636	RESIDENT	4.77E-02	4.87E-04	2.18E-01	9.14E-04	0.27
6904594143636	690459	4143636	RESIDENT	4.83E-02	4.73E-04	2.21E-01	8.88E-04	0.27
6904644143636	690464	4143636	RESIDENT	4.88E-02	4.60E-04	2.23E-01	8.64E-04	0.27
6904044143641	690404	4143641	RESIDENT	4.24E-02	6.81E-04	1.94E-01	1.28E-03	0.24
6904094143641	690409	4143641	RESIDENT	4.31E-02	6.56E-04	1.97E-01	1.23E-03	0.24
6904144143641	690414	4143641	RESIDENT	4.37E-02	6.32E-04	2.00E-01	1.19E-03	0.25
6904194143641	690419	4143641	RESIDENT	4.43E-02	6.10E-04	2.03E-01	1.15E-03	0.25
6904244143641	690424	4143641	RESIDENT	4.50E-02	5.90E-04	2.06E-01	1.11E-03	0.25
6904294143641	690429	4143641	RESIDENT	4.56E-02	5.70E-04	2.08E-01	1.07E-03	0.26
6904344143641	690434	4143641	RESIDENT	4.62E-02	5.52E-04	2.11E-01	1.04E-03	0.26
6904394143641	690439	4143641	RESIDENT	4.68E-02	5.35E-04	2.14E-01	1.00E-03	0.26
6904444143641	690444	4143641	RESIDENT	4.74E-02	5.18E-04	2.17E-01	9.74E-04	0.27
6904494143641	690449	4143641	RESIDENT	4.80E-02	5.03E-04	2.19E-01	9.45E-04	0.27
6904544143641	690454	4143641	RESIDENT	4.86E-02	4.89E-04	2.22E-01	9.18E-04	0.27

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904594143641	690459	4143641	RESIDENT	4.92E-02	4.75E-04	2.25E-01	8.92E-04	0.28
6904644143641	690464	4143641	RESIDENT	4.97E-02	4.62E-04	2.27E-01	8.67E-04	0.28
6904044143646	690404	4143646	RESIDENT	4.32E-02	6.84E-04	1.98E-01	1.29E-03	0.24
6904094143646	690409	4143646	RESIDENT	4.39E-02	6.59E-04	2.01E-01	1.24E-03	0.25
6904144143646	690414	4143646	RESIDENT	4.45E-02	6.35E-04	2.04E-01	1.19E-03	0.25
6904194143646	690419	4143646	RESIDENT	4.52E-02	6.13E-04	2.07E-01	1.15E-03	0.25
6904244143646	690424	4143646	RESIDENT	4.58E-02	5.92E-04	2.10E-01	1.11E-03	0.26
6904294143646	690429	4143646	RESIDENT	4.65E-02	5.73E-04	2.12E-01	1.08E-03	0.26
6904344143646	690434	4143646	RESIDENT	4.71E-02	5.54E-04	2.15E-01	1.04E-03	0.26
6904394143646	690439	4143646	RESIDENT	4.77E-02	5.37E-04	2.18E-01	1.01E-03	0.27
6904444143646	690444	4143646	RESIDENT	4.83E-02	5.21E-04	2.21E-01	9.78E-04	0.27
6904494143646	690449	4143646	RESIDENT	4.89E-02	5.05E-04	2.24E-01	9.49E-04	0.27
6904544143646	690454	4143646	RESIDENT	4.95E-02	4.91E-04	2.26E-01	9.21E-04	0.28
6904594143646	690459	4143646	RESIDENT	5.01E-02	4.77E-04	2.29E-01	8.95E-04	0.28
6904644143646	690464	4143646	RESIDENT	5.06E-02	4.63E-04	2.32E-01	8.71E-04	0.28
6904044143651	690404	4143651	RESIDENT	4.41E-02	6.87E-04	2.02E-01	1.29E-03	0.25
6904094143651	690409	4143651	RESIDENT	4.48E-02	6.62E-04	2.05E-01	1.24E-03	0.25
6904144143651	690414	4143651	RESIDENT	4.54E-02	6.38E-04	2.08E-01	1.20E-03	0.25
6904194143651	690419	4143651	RESIDENT	4.61E-02	6.16E-04	2.11E-01	1.16E-03	0.26
6904244143651	690424	4143651	RESIDENT	4.67E-02	5.95E-04	2.14E-01	1.12E-03	0.26
6904294143651	690429	4143651	RESIDENT	4.74E-02	5.75E-04	2.17E-01	1.08E-03	0.27
6904344143651	690434	4143651	RESIDENT	4.80E-02	5.57E-04	2.19E-01	1.05E-03	0.27
6904394143651	690439	4143651	RESIDENT	4.86E-02	5.39E-04	2.22E-01	1.01E-03	0.27
6904444143651	690444	4143651	RESIDENT	4.92E-02	5.23E-04	2.25E-01	9.82E-04	0.28
6904494143651	690449	4143651	RESIDENT	4.98E-02	5.07E-04	2.28E-01	9.53E-04	0.28
6904544143651	690454	4143651	RESIDENT	5.04E-02	4.92E-04	2.31E-01	9.25E-04	0.28
6904594143651	690459	4143651	RESIDENT	5.10E-02	4.78E-04	2.33E-01	8.99E-04	0.29
6904644143651	690464	4143651	RESIDENT	5.16E-02	4.65E-04	2.36E-01	8.74E-04	0.29
6904044143656	690404	4143656	RESIDENT	4.50E-02	6.90E-04	2.06E-01	1.30E-03	0.25
6904094143656	690409	4143656	RESIDENT	4.56E-02	6.65E-04	2.09E-01	1.25E-03	0.26
6904144143656	690414	4143656	RESIDENT	4.63E-02	6.41E-04	2.12E-01	1.20E-03	0.26
6904194143656	690419	4143656	RESIDENT	4.70E-02	6.18E-04	2.15E-01	1.16E-03	0.26
6904244143656	690424	4143656	RESIDENT	4.76E-02	5.97E-04	2.18E-01	1.12E-03	0.27
6904294143656	690429	4143656	RESIDENT	4.83E-02	5.77E-04	2.21E-01	1.08E-03	0.27
6904344143656	690434	4143656	RESIDENT	4.89E-02	5.59E-04	2.24E-01	1.05E-03	0.27
6904394143656	690439	4143656	RESIDENT	4.95E-02	5.41E-04	2.27E-01	1.02E-03	0.28
6904444143656	690444	4143656	RESIDENT	5.02E-02	5.25E-04	2.29E-01	9.86E-04	0.28
6904494143656	690449	4143656	RESIDENT	5.08E-02	5.09E-04	2.32E-01	9.56E-04	0.28
6904544143656	690454	4143656	RESIDENT	5.14E-02	4.94E-04	2.35E-01	9.28E-04	0.29
6904594143656	690459	4143656	RESIDENT	5.20E-02	4.80E-04	2.38E-01	9.02E-04	0.29
6904644143656	690464	4143656	RESIDENT	5.26E-02	4.67E-04	2.40E-01	8.77E-04	0.29
6904044143661	690404	4143661	RESIDENT	4.59E-02	6.93E-04	2.10E-01	1.30E-03	0.26
6904094143661	690409	4143661	RESIDENT	4.65E-02	6.68E-04	2.13E-01	1.25E-03	0.26
6904144143661	690414	4143661	RESIDENT	4.72E-02	6.43E-04	2.16E-01	1.21E-03	0.26
6904194143661	690419	4143661	RESIDENT	4.79E-02	6.21E-04	2.19E-01	1.17E-03	0.27
6904244143661	690424	4143661	RESIDENT	4.86E-02	6.00E-04	2.22E-01	1.13E-03	0.27

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904294143661	690429	4143661	RESIDENT	4.92E-02	5.80E-04	2.25E-01	1.09E-03	0.28
6904344143661	690434	4143661	RESIDENT	4.99E-02	5.61E-04	2.28E-01	1.05E-03	0.28
6904394143661	690439	4143661	RESIDENT	5.05E-02	5.43E-04	2.31E-01	1.02E-03	0.28
6904444143661	690444	4143661	RESIDENT	5.11E-02	5.27E-04	2.34E-01	9.89E-04	0.29
6904494143661	690449	4143661	RESIDENT	5.18E-02	5.11E-04	2.37E-01	9.60E-04	0.29
6904544143661	690454	4143661	RESIDENT	5.24E-02	4.96E-04	2.39E-01	9.32E-04	0.29
6904594143661	690459	4143661	RESIDENT	5.30E-02	4.82E-04	2.42E-01	9.05E-04	0.30
6904644143661	690464	4143661	RESIDENT	5.35E-02	4.69E-04	2.45E-01	8.80E-04	0.30
6904044143666	690404	4143666	RESIDENT	4.68E-02	6.96E-04	2.14E-01	1.31E-03	0.26
6904094143666	690409	4143666	RESIDENT	4.75E-02	6.70E-04	2.17E-01	1.26E-03	0.27
6904144143666	690414	4143666	RESIDENT	4.82E-02	6.46E-04	2.20E-01	1.21E-03	0.27
6904194143666	690419	4143666	RESIDENT	4.88E-02	6.23E-04	2.23E-01	1.17E-03	0.27
6904244143666	690424	4143666	RESIDENT	4.95E-02	6.02E-04	2.26E-01	1.13E-03	0.28
6904294143666	690429	4143666	RESIDENT	5.02E-02	5.82E-04	2.29E-01	1.09E-03	0.28
6904344143666	690434	4143666	RESIDENT	5.08E-02	5.63E-04	2.32E-01	1.06E-03	0.28
6904394143666	690439	4143666	RESIDENT	5.15E-02	5.45E-04	2.35E-01	1.02E-03	0.29
6904444143666	690444	4143666	RESIDENT	5.21E-02	5.29E-04	2.38E-01	9.93E-04	0.29
6904494143666	690449	4143666	RESIDENT	5.28E-02	5.13E-04	2.41E-01	9.63E-04	0.30
6904544143666	690454	4143666	RESIDENT	5.34E-02	4.98E-04	2.44E-01	9.35E-04	0.30
6904594143666	690459	4143666	RESIDENT	5.40E-02	4.84E-04	2.47E-01	9.09E-04	0.30
6904644143666	690464	4143666	RESIDENT	5.46E-02	4.70E-04	2.49E-01	8.83E-04	0.31
6904044143671	690404	4143671	RESIDENT	4.77E-02	6.99E-04	2.18E-01	1.31E-03	0.27
6904094143671	690409	4143671	RESIDENT	4.84E-02	6.73E-04	2.21E-01	1.26E-03	0.27
6904144143671	690414	4143671	RESIDENT	4.91E-02	6.48E-04	2.25E-01	1.22E-03	0.28
6904194143671	690419	4143671	RESIDENT	4.98E-02	6.26E-04	2.28E-01	1.18E-03	0.28
6904244143671	690424	4143671	RESIDENT	5.05E-02	6.04E-04	2.31E-01	1.13E-03	0.28
6904294143671	690429	4143671	RESIDENT	5.12E-02	5.84E-04	2.34E-01	1.10E-03	0.29
6904344143671	690434	4143671	RESIDENT	5.18E-02	5.65E-04	2.37E-01	1.06E-03	0.29
6904394143671	690439	4143671	RESIDENT	5.25E-02	5.47E-04	2.40E-01	1.03E-03	0.29
6904444143671	690444	4143671	RESIDENT	5.31E-02	5.31E-04	2.43E-01	9.97E-04	0.30
6904494143671	690449	4143671	RESIDENT	5.38E-02	5.15E-04	2.46E-01	9.67E-04	0.30
6904544143671	690454	4143671	RESIDENT	5.44E-02	5.00E-04	2.49E-01	9.38E-04	0.30
6904594143671	690459	4143671	RESIDENT	5.50E-02	4.85E-04	2.51E-01	9.12E-04	0.31
6904644143671	690464	4143671	RESIDENT	5.56E-02	4.72E-04	2.54E-01	8.86E-04	0.31
6904044143676	690404	4143676	RESIDENT	4.87E-02	7.02E-04	2.23E-01	1.32E-03	0.27
6904094143676	690409	4143676	RESIDENT	4.94E-02	6.75E-04	2.26E-01	1.27E-03	0.28
6904144143676	690414	4143676	RESIDENT	5.01E-02	6.51E-04	2.29E-01	1.22E-03	0.28
6904194143676	690419	4143676	RESIDENT	5.08E-02	6.28E-04	2.32E-01	1.18E-03	0.28
6904244143676	690424	4143676	RESIDENT	5.15E-02	6.06E-04	2.35E-01	1.14E-03	0.29
6904294143676	690429	4143676	RESIDENT	5.22E-02	5.86E-04	2.39E-01	1.10E-03	0.29
6904344143676	690434	4143676	RESIDENT	5.29E-02	5.67E-04	2.42E-01	1.07E-03	0.30
6904394143676	690439	4143676	RESIDENT	5.35E-02	5.49E-04	2.45E-01	1.03E-03	0.30
6904444143676	690444	4143676	RESIDENT	5.42E-02	5.32E-04	2.48E-01	1.00E-03	0.30
6904494143676	690449	4143676	RESIDENT	5.48E-02	5.16E-04	2.51E-01	9.70E-04	0.31
6904544143676	690454	4143676	RESIDENT	5.54E-02	5.01E-04	2.54E-01	9.42E-04	0.31
6904594143676	690459	4143676	RESIDENT	5.61E-02	4.87E-04	2.56E-01	9.15E-04	0.31

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904644143676	690464	4143676	RESIDENT	5.67E-02	4.73E-04	2.59E-01	8.89E-04	0.32
6904044143681	690404	4143681	RESIDENT	4.97E-02	7.04E-04	2.27E-01	1.32E-03	0.28
6904094143681	690409	4143681	RESIDENT	5.04E-02	6.78E-04	2.30E-01	1.27E-03	0.28
6904144143681	690414	4143681	RESIDENT	5.11E-02	6.53E-04	2.34E-01	1.23E-03	0.29
6904194143681	690419	4143681	RESIDENT	5.18E-02	6.30E-04	2.37E-01	1.18E-03	0.29
6904244143681	690424	4143681	RESIDENT	5.25E-02	6.09E-04	2.40E-01	1.14E-03	0.29
6904294143681	690429	4143681	RESIDENT	5.32E-02	5.88E-04	2.43E-01	1.10E-03	0.30
6904344143681	690434	4143681	RESIDENT	5.39E-02	5.69E-04	2.46E-01	1.07E-03	0.30
6904394143681	690439	4143681	RESIDENT	5.46E-02	5.51E-04	2.50E-01	1.04E-03	0.31
6904444143681	690444	4143681	RESIDENT	5.52E-02	5.34E-04	2.53E-01	1.00E-03	0.31
6904494143681	690449	4143681	RESIDENT	5.59E-02	5.18E-04	2.56E-01	9.73E-04	0.31
6904544143681	690454	4143681	RESIDENT	5.65E-02	5.03E-04	2.58E-01	9.45E-04	0.32
6904594143681	690459	4143681	RESIDENT	5.71E-02	4.89E-04	2.61E-01	9.18E-04	0.32
6904644143681	690464	4143681	RESIDENT	5.77E-02	4.75E-04	2.64E-01	8.92E-04	0.32
6904044143686	690404	4143686	RESIDENT	5.07E-02	7.07E-04	2.32E-01	1.33E-03	0.28
6904094143686	690409	4143686	RESIDENT	5.14E-02	6.80E-04	2.35E-01	1.28E-03	0.29
6904144143686	690414	4143686	RESIDENT	5.22E-02	6.55E-04	2.38E-01	1.23E-03	0.29
6904194143686	690419	4143686	RESIDENT	5.29E-02	6.32E-04	2.42E-01	1.19E-03	0.30
6904244143686	690424	4143686	RESIDENT	5.36E-02	6.11E-04	2.45E-01	1.15E-03	0.30
6904294143686	690429	4143686	RESIDENT	5.43E-02	5.90E-04	2.48E-01	1.11E-03	0.30
6904344143686	690434	4143686	RESIDENT	5.50E-02	5.71E-04	2.51E-01	1.07E-03	0.31
6904394143686	690439	4143686	RESIDENT	5.57E-02	5.53E-04	2.55E-01	1.04E-03	0.31
6904444143686	690444	4143686	RESIDENT	5.63E-02	5.36E-04	2.58E-01	1.01E-03	0.32
6904494143686	690449	4143686	RESIDENT	5.70E-02	5.20E-04	2.61E-01	9.76E-04	0.32
6904544143686	690454	4143686	RESIDENT	5.76E-02	5.05E-04	2.63E-01	9.48E-04	0.32
6904594143686	690459	4143686	RESIDENT	5.82E-02	4.90E-04	2.66E-01	9.21E-04	0.33
6904644143686	690464	4143686	RESIDENT	5.89E-02	4.76E-04	2.69E-01	8.95E-04	0.33
6904044143691	690404	4143691	RESIDENT	5.17E-02	7.09E-04	2.37E-01	1.33E-03	0.29
6904094143691	690409	4143691	RESIDENT	5.25E-02	6.82E-04	2.40E-01	1.28E-03	0.29
6904144143691	690414	4143691	RESIDENT	5.32E-02	6.58E-04	2.43E-01	1.24E-03	0.30
6904194143691	690419	4143691	RESIDENT	5.40E-02	6.34E-04	2.47E-01	1.19E-03	0.30
6904244143691	690424	4143691	RESIDENT	5.47E-02	6.13E-04	2.50E-01	1.15E-03	0.31
6904294143691	690429	4143691	RESIDENT	5.54E-02	5.92E-04	2.53E-01	1.11E-03	0.31
6904344143691	690434	4143691	RESIDENT	5.61E-02	5.73E-04	2.56E-01	1.08E-03	0.31
6904394143691	690439	4143691	RESIDENT	5.68E-02	5.55E-04	2.60E-01	1.04E-03	0.32
6904444143691	690444	4143691	RESIDENT	5.74E-02	5.38E-04	2.63E-01	1.01E-03	0.32
6904494143691	690449	4143691	RESIDENT	5.81E-02	5.22E-04	2.66E-01	9.80E-04	0.33
6904544143691	690454	4143691	RESIDENT	5.87E-02	5.06E-04	2.69E-01	9.51E-04	0.33
6904594143691	690459	4143691	RESIDENT	5.94E-02	4.92E-04	2.71E-01	9.23E-04	0.33
6904644143691	690464	4143691	RESIDENT	6.00E-02	4.78E-04	2.74E-01	8.98E-04	0.34
6904044143696	690404	4143696	RESIDENT	5.28E-02	7.11E-04	2.41E-01	1.34E-03	0.30
6904094143696	690409	4143696	RESIDENT	5.36E-02	6.85E-04	2.45E-01	1.29E-03	0.30
6904144143696	690414	4143696	RESIDENT	5.43E-02	6.60E-04	2.48E-01	1.24E-03	0.30
6904194143696	690419	4143696	RESIDENT	5.51E-02	6.36E-04	2.52E-01	1.20E-03	0.31
6904244143696	690424	4143696	RESIDENT	5.58E-02	6.15E-04	2.55E-01	1.15E-03	0.31
6904294143696	690429	4143696	RESIDENT	5.65E-02	5.94E-04	2.58E-01	1.12E-03	0.32

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

XY	X	Y	Receptor Type	3rd Tri Resident Cancer Risk (cases per million) OFFROAD	3rd Tri Resident Cancer Risk (cases per million) ONRD_EX	0<2 Resident Cancer Risk (cases per million) OFFROAD	0<2 Resident Cancer Risk (cases per million) ONRD_EX	Total Cancer Risk (cases per million)
6904344143696	690434	4143696	RESIDENT	5.72E-02	5.75E-04	2.62E-01	1.08E-03	0.32
6904394143696	690439	4143696	RESIDENT	5.79E-02	5.57E-04	2.65E-01	1.05E-03	0.32
6904444143696	690444	4143696	RESIDENT	5.86E-02	5.39E-04	2.68E-01	1.01E-03	0.33
6904494143696	690449	4143696	RESIDENT	5.93E-02	5.23E-04	2.71E-01	9.83E-04	0.33
6904544143696	690454	4143696	RESIDENT	5.99E-02	5.08E-04	2.74E-01	9.54E-04	0.34
6904594143696	690459	4143696	RESIDENT	6.05E-02	4.93E-04	2.77E-01	9.26E-04	0.34
6904644143696	690464	4143696	RESIDENT	6.11E-02	4.79E-04	2.80E-01	9.00E-04	0.34
6904044143701	690404	4143701	RESIDENT	5.39E-02	7.13E-04	2.46E-01	1.34E-03	0.30
6904094143701	690409	4143701	RESIDENT	5.47E-02	6.87E-04	2.50E-01	1.29E-03	0.31
6904144143701	690414	4143701	RESIDENT	5.54E-02	6.62E-04	2.53E-01	1.24E-03	0.31
6904194143701	690419	4143701	RESIDENT	5.62E-02	6.38E-04	2.57E-01	1.20E-03	0.31
6904244143701	690424	4143701	RESIDENT	5.69E-02	6.16E-04	2.60E-01	1.16E-03	0.32
6904294143701	690429	4143701	RESIDENT	5.77E-02	5.96E-04	2.64E-01	1.12E-03	0.32
6904344143701	690434	4143701	RESIDENT	5.84E-02	5.76E-04	2.67E-01	1.08E-03	0.33
6904394143701	690439	4143701	RESIDENT	5.91E-02	5.58E-04	2.70E-01	1.05E-03	0.33
6904444143701	690444	4143701	RESIDENT	5.98E-02	5.41E-04	2.73E-01	1.02E-03	0.33
6904494143701	690449	4143701	RESIDENT	6.04E-02	5.25E-04	2.76E-01	9.85E-04	0.34
6904544143701	690454	4143701	RESIDENT	6.11E-02	5.09E-04	2.79E-01	9.56E-04	0.34
6904594143701	690459	4143701	RESIDENT	6.17E-02	4.95E-04	2.82E-01	9.29E-04	0.35
6904644143701	690464	4143701	RESIDENT	6.23E-02	4.81E-04	2.85E-01	9.03E-04	0.35
6906464143596	690646	4143596	RESIDENT	5.36E-02	2.17E-04	2.45E-01	4.08E-04	0.30
6906514143596	690651	4143596	RESIDENT	5.37E-02	2.14E-04	2.46E-01	4.02E-04	0.30
6906564143596	690656	4143596	RESIDENT	5.38E-02	2.11E-04	2.46E-01	3.97E-04	0.30
6906614143596	690661	4143596	RESIDENT	5.38E-02	2.08E-04	2.46E-01	3.91E-04	0.30
6906664143596	690666	4143596	RESIDENT	5.39E-02	2.05E-04	2.46E-01	3.85E-04	0.30
6906714143596	690671	4143596	RESIDENT	5.39E-02	2.02E-04	2.46E-01	3.80E-04	0.30
6906764143596	690676	4143596	RESIDENT	5.39E-02	2.00E-04	2.46E-01	3.75E-04	0.30
6906814143596	690681	4143596	RESIDENT	5.39E-02	1.97E-04	2.46E-01	3.70E-04	0.30
6906864143596	690686	4143596	RESIDENT	5.39E-02	1.94E-04	2.46E-01	3.65E-04	0.30
6906914143596	690691	4143596	RESIDENT	5.38E-02	1.92E-04	2.46E-01	3.60E-04	0.30
6906964143596	690696	4143596	RESIDENT	5.38E-02	1.89E-04	2.46E-01	3.55E-04	0.30
6907014143596	690701	4143596	RESIDENT	5.37E-02	1.87E-04	2.46E-01	3.51E-04	0.30
6907064143596	690706	4143596	RESIDENT	5.37E-02	1.84E-04	2.45E-01	3.46E-04	0.30
6907114143596	690711	4143596	RESIDENT	5.36E-02	1.82E-04	2.45E-01	3.42E-04	0.30
6906464143601	690646	4143601	RESIDENT	5.43E-02	2.18E-04	2.48E-01	4.09E-04	0.30
6906514143601	690651	4143601	RESIDENT	5.44E-02	2.15E-04	2.49E-01	4.03E-04	0.30
6906564143601	690656	4143601	RESIDENT	5.45E-02	2.12E-04	2.49E-01	3.98E-04	0.30
6906614143601	690661	4143601	RESIDENT	5.45E-02	2.09E-04	2.49E-01	3.92E-04	0.30
6906664143601	690666	4143601	RESIDENT	5.45E-02	2.06E-04	2.49E-01	3.86E-04	0.30
6906714143601	690671	4143601	RESIDENT	5.45E-02	2.03E-04	2.49E-01	3.81E-04	0.30
6906764143601	690676	4143601	RESIDENT	5.45E-02	2.00E-04	2.49E-01	3.76E-04	0.30
6906814143601	690681	4143601	RESIDENT	5.45E-02	1.97E-04	2.49E-01	3.71E-04	0.30
6906864143601	690686	4143601	RESIDENT	5.45E-02	1.95E-04	2.49E-01	3.66E-04	0.30
6906914143601	690691	4143601	RESIDENT	5.45E-02	1.92E-04	2.49E-01	3.61E-04	0.30
6906964143601	690696	4143601	RESIDENT	5.44E-02	1.90E-04	2.49E-01	3.56E-04	0.30
6907014143601	690701	4143601	RESIDENT	5.43E-02	1.87E-04	2.48E-01	3.51E-04	0.30

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6907064143601	690706	4143601	RESIDENT	5.43E-02	1.85E-04	2.48E-01	3.47E-04	0.30
6907114143601	690711	4143601	RESIDENT	5.42E-02	1.82E-04	2.48E-01	3.42E-04	0.30
6906464143606	690646	4143606	RESIDENT	5.51E-02	2.19E-04	2.52E-01	4.10E-04	0.31
6906514143606	690651	4143606	RESIDENT	5.51E-02	2.15E-04	2.52E-01	4.04E-04	0.31
6906564143606	690656	4143606	RESIDENT	5.52E-02	2.12E-04	2.52E-01	3.99E-04	0.31
6906614143606	690661	4143606	RESIDENT	5.52E-02	2.09E-04	2.52E-01	3.93E-04	0.31
6906664143606	690666	4143606	RESIDENT	5.52E-02	2.06E-04	2.52E-01	3.87E-04	0.31
6906714143606	690671	4143606	RESIDENT	5.52E-02	2.03E-04	2.52E-01	3.82E-04	0.31
6906764143606	690676	4143606	RESIDENT	5.52E-02	2.01E-04	2.52E-01	3.77E-04	0.31
6906814143606	690681	4143606	RESIDENT	5.52E-02	1.98E-04	2.52E-01	3.71E-04	0.31
6906864143606	690686	4143606	RESIDENT	5.51E-02	1.95E-04	2.52E-01	3.66E-04	0.31
6906914143606	690691	4143606	RESIDENT	5.51E-02	1.93E-04	2.52E-01	3.62E-04	0.31
6906964143606	690696	4143606	RESIDENT	5.50E-02	1.90E-04	2.52E-01	3.57E-04	0.31
6907014143606	690701	4143606	RESIDENT	5.50E-02	1.88E-04	2.51E-01	3.52E-04	0.31
6907064143606	690706	4143606	RESIDENT	5.49E-02	1.85E-04	2.51E-01	3.48E-04	0.31
6907114143606	690711	4143606	RESIDENT	5.48E-02	1.83E-04	2.50E-01	3.43E-04	0.31
6906464143611	690646	4143611	RESIDENT	5.58E-02	2.19E-04	2.55E-01	4.11E-04	0.31
6906514143611	690651	4143611	RESIDENT	5.58E-02	2.16E-04	2.55E-01	4.05E-04	0.31
6906564143611	690656	4143611	RESIDENT	5.59E-02	2.13E-04	2.55E-01	3.99E-04	0.31
6906614143611	690661	4143611	RESIDENT	5.59E-02	2.10E-04	2.56E-01	3.94E-04	0.31
6906664143611	690666	4143611	RESIDENT	5.59E-02	2.07E-04	2.56E-01	3.88E-04	0.31
6906714143611	690671	4143611	RESIDENT	5.59E-02	2.04E-04	2.56E-01	3.83E-04	0.31
6906764143611	690676	4143611	RESIDENT	5.59E-02	2.01E-04	2.55E-01	3.77E-04	0.31
6906814143611	690681	4143611	RESIDENT	5.58E-02	1.98E-04	2.55E-01	3.72E-04	0.31
6906864143611	690686	4143611	RESIDENT	5.58E-02	1.96E-04	2.55E-01	3.67E-04	0.31
6906914143611	690691	4143611	RESIDENT	5.57E-02	1.93E-04	2.55E-01	3.62E-04	0.31
6906964143611	690696	4143611	RESIDENT	5.56E-02	1.90E-04	2.54E-01	3.58E-04	0.31
6907014143611	690701	4143611	RESIDENT	5.56E-02	1.88E-04	2.54E-01	3.53E-04	0.31
6907064143611	690706	4143611	RESIDENT	5.55E-02	1.85E-04	2.54E-01	3.48E-04	0.31
6907114143611	690711	4143611	RESIDENT	5.54E-02	1.83E-04	2.53E-01	3.44E-04	0.31
6906464143616	690646	4143616	RESIDENT	5.65E-02	2.20E-04	2.58E-01	4.12E-04	0.32
6906514143616	690651	4143616	RESIDENT	5.66E-02	2.16E-04	2.59E-01	4.06E-04	0.32
6906564143616	690656	4143616	RESIDENT	5.66E-02	2.13E-04	2.59E-01	4.00E-04	0.32
6906614143616	690661	4143616	RESIDENT	5.66E-02	2.10E-04	2.59E-01	3.95E-04	0.32
6906664143616	690666	4143616	RESIDENT	5.66E-02	2.07E-04	2.59E-01	3.89E-04	0.32
6906714143616	690671	4143616	RESIDENT	5.66E-02	2.04E-04	2.59E-01	3.84E-04	0.32
6906764143616	690676	4143616	RESIDENT	5.65E-02	2.01E-04	2.59E-01	3.78E-04	0.32
6906814143616	690681	4143616	RESIDENT	5.65E-02	1.99E-04	2.58E-01	3.73E-04	0.32
6906864143616	690686	4143616	RESIDENT	5.64E-02	1.96E-04	2.58E-01	3.68E-04	0.32
6906914143616	690691	4143616	RESIDENT	5.64E-02	1.93E-04	2.58E-01	3.63E-04	0.31
6906964143616	690696	4143616	RESIDENT	5.63E-02	1.91E-04	2.57E-01	3.58E-04	0.31
6907014143616	690701	4143616	RESIDENT	5.62E-02	1.88E-04	2.57E-01	3.54E-04	0.31
6907064143616	690706	4143616	RESIDENT	5.61E-02	1.86E-04	2.56E-01	3.49E-04	0.31
6907114143616	690711	4143616	RESIDENT	5.59E-02	1.83E-04	2.56E-01	3.45E-04	0.31
6906464143621	690646	4143621	RESIDENT	5.73E-02	2.20E-04	2.62E-01	4.13E-04	0.32
6906514143621	690651	4143621	RESIDENT	5.73E-02	2.17E-04	2.62E-01	4.07E-04	0.32

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6906564143621	690656	4143621	RESIDENT	5.73E-02	2.14E-04	2.62E-01	4.01E-04	0.32
6906614143621	690661	4143621	RESIDENT	5.73E-02	2.11E-04	2.62E-01	3.95E-04	0.32
6906664143621	690666	4143621	RESIDENT	5.73E-02	2.08E-04	2.62E-01	3.90E-04	0.32
6906714143621	690671	4143621	RESIDENT	5.73E-02	2.05E-04	2.62E-01	3.84E-04	0.32
6906764143621	690676	4143621	RESIDENT	5.72E-02	2.02E-04	2.62E-01	3.79E-04	0.32
6906814143621	690681	4143621	RESIDENT	5.72E-02	1.99E-04	2.61E-01	3.74E-04	0.32
6906864143621	690686	4143621	RESIDENT	5.71E-02	1.96E-04	2.61E-01	3.69E-04	0.32
6906914143621	690691	4143621	RESIDENT	5.70E-02	1.94E-04	2.61E-01	3.64E-04	0.32
6906964143621	690696	4143621	RESIDENT	5.69E-02	1.91E-04	2.60E-01	3.59E-04	0.32
6907014143621	690701	4143621	RESIDENT	5.68E-02	1.89E-04	2.60E-01	3.54E-04	0.32
6907064143621	690706	4143621	RESIDENT	5.67E-02	1.86E-04	2.59E-01	3.50E-04	0.32
6907114143621	690711	4143621	RESIDENT	5.65E-02	1.84E-04	2.59E-01	3.45E-04	0.32
6906464143626	690646	4143626	RESIDENT	5.80E-02	2.21E-04	2.65E-01	4.14E-04	0.32
6906514143626	690651	4143626	RESIDENT	5.80E-02	2.17E-04	2.65E-01	4.08E-04	0.32
6906564143626	690656	4143626	RESIDENT	5.80E-02	2.14E-04	2.65E-01	4.02E-04	0.32
6906614143626	690661	4143626	RESIDENT	5.80E-02	2.11E-04	2.65E-01	3.96E-04	0.32
6906664143626	690666	4143626	RESIDENT	5.80E-02	2.08E-04	2.65E-01	3.91E-04	0.32
6906714143626	690671	4143626	RESIDENT	5.79E-02	2.05E-04	2.65E-01	3.85E-04	0.32
6906764143626	690676	4143626	RESIDENT	5.79E-02	2.02E-04	2.65E-01	3.80E-04	0.32
6906814143626	690681	4143626	RESIDENT	5.78E-02	1.99E-04	2.64E-01	3.75E-04	0.32
6906864143626	690686	4143626	RESIDENT	5.77E-02	1.97E-04	2.64E-01	3.70E-04	0.32
6906914143626	690691	4143626	RESIDENT	5.77E-02	1.94E-04	2.64E-01	3.65E-04	0.32
6906964143626	690696	4143626	RESIDENT	5.75E-02	1.92E-04	2.63E-01	3.60E-04	0.32
6907014143626	690701	4143626	RESIDENT	5.74E-02	1.89E-04	2.63E-01	3.55E-04	0.32
6907064143626	690706	4143626	RESIDENT	5.73E-02	1.87E-04	2.62E-01	3.50E-04	0.32
6907114143626	690711	4143626	RESIDENT	5.71E-02	1.84E-04	2.61E-01	3.46E-04	0.32
6906464143631	690646	4143631	RESIDENT	5.88E-02	2.21E-04	2.69E-01	4.15E-04	0.33
6906514143631	690651	4143631	RESIDENT	5.88E-02	2.18E-04	2.69E-01	4.09E-04	0.33
6906564143631	690656	4143631	RESIDENT	5.88E-02	2.15E-04	2.69E-01	4.03E-04	0.33
6906614143631	690661	4143631	RESIDENT	5.87E-02	2.11E-04	2.69E-01	3.97E-04	0.33
6906664143631	690666	4143631	RESIDENT	5.87E-02	2.08E-04	2.68E-01	3.92E-04	0.33
6906714143631	690671	4143631	RESIDENT	5.86E-02	2.06E-04	2.68E-01	3.86E-04	0.33
6906764143631	690676	4143631	RESIDENT	5.86E-02	2.03E-04	2.68E-01	3.81E-04	0.33
6906814143631	690681	4143631	RESIDENT	5.85E-02	2.00E-04	2.68E-01	3.75E-04	0.33
6906864143631	690686	4143631	RESIDENT	5.84E-02	1.97E-04	2.67E-01	3.70E-04	0.33
6906914143631	690691	4143631	RESIDENT	5.83E-02	1.94E-04	2.67E-01	3.65E-04	0.33
6906964143631	690696	4143631	RESIDENT	5.82E-02	1.92E-04	2.66E-01	3.60E-04	0.32
6907014143631	690701	4143631	RESIDENT	5.80E-02	1.89E-04	2.65E-01	3.56E-04	0.32
6907064143631	690706	4143631	RESIDENT	5.79E-02	1.87E-04	2.65E-01	3.51E-04	0.32
6907114143631	690711	4143631	RESIDENT	5.77E-02	1.84E-04	2.64E-01	3.46E-04	0.32
6906464143636	690646	4143636	RESIDENT	5.95E-02	2.22E-04	2.72E-01	4.16E-04	0.33
6906514143636	690651	4143636	RESIDENT	5.95E-02	2.18E-04	2.72E-01	4.10E-04	0.33
6906564143636	690656	4143636	RESIDENT	5.95E-02	2.15E-04	2.72E-01	4.04E-04	0.33
6906614143636	690661	4143636	RESIDENT	5.95E-02	2.12E-04	2.72E-01	3.98E-04	0.33
6906664143636	690666	4143636	RESIDENT	5.94E-02	2.09E-04	2.72E-01	3.92E-04	0.33
6906714143636	690671	4143636	RESIDENT	5.94E-02	2.06E-04	2.71E-01	3.87E-04	0.33

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Cancer Risk

				3rd Tri		0<2		Total Cancer Risk (cases per million)
				Resident Cancer Risk (cases per million)		Resident Cancer Risk (cases per million)		
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	OFFROAD	ONRD_EX	
6906764143636	690676	4143636	RESIDENT	5.93E-02	2.03E-04	2.71E-01	3.81E-04	0.33
6906814143636	690681	4143636	RESIDENT	5.92E-02	2.00E-04	2.71E-01	3.76E-04	0.33
6906864143636	690686	4143636	RESIDENT	5.91E-02	1.98E-04	2.70E-01	3.71E-04	0.33
6906914143636	690691	4143636	RESIDENT	5.90E-02	1.95E-04	2.70E-01	3.66E-04	0.33
6906964143636	690696	4143636	RESIDENT	5.88E-02	1.92E-04	2.69E-01	3.61E-04	0.33
6907014143636	690701	4143636	RESIDENT	5.87E-02	1.90E-04	2.68E-01	3.56E-04	0.33
6907064143636	690706	4143636	RESIDENT	5.85E-02	1.87E-04	2.68E-01	3.52E-04	0.33
6907114143636	690711	4143636	RESIDENT	5.83E-02	1.85E-04	2.67E-01	3.47E-04	0.33
6906464143641	690646	4143641	RESIDENT	6.03E-02	2.22E-04	2.76E-01	4.17E-04	0.34
6906514143641	690651	4143641	RESIDENT	6.03E-02	2.19E-04	2.76E-01	4.11E-04	0.34
6906564143641	690656	4143641	RESIDENT	6.02E-02	2.15E-04	2.75E-01	4.05E-04	0.34
6906614143641	690661	4143641	RESIDENT	6.02E-02	2.12E-04	2.75E-01	3.99E-04	0.34
6906664143641	690666	4143641	RESIDENT	6.01E-02	2.09E-04	2.75E-01	3.93E-04	0.34
6906714143641	690671	4143641	RESIDENT	6.01E-02	2.06E-04	2.75E-01	3.88E-04	0.34
6906764143641	690676	4143641	RESIDENT	6.00E-02	2.03E-04	2.74E-01	3.82E-04	0.33
6906814143641	690681	4143641	RESIDENT	5.99E-02	2.01E-04	2.74E-01	3.77E-04	0.33
6906864143641	690686	4143641	RESIDENT	5.98E-02	1.98E-04	2.73E-01	3.72E-04	0.33
6906914143641	690691	4143641	RESIDENT	5.96E-02	1.95E-04	2.73E-01	3.67E-04	0.33
6906964143641	690696	4143641	RESIDENT	5.95E-02	1.93E-04	2.72E-01	3.62E-04	0.33
6907014143641	690701	4143641	RESIDENT	5.93E-02	1.90E-04	2.71E-01	3.57E-04	0.33
6907064143641	690706	4143641	RESIDENT	5.91E-02	1.88E-04	2.70E-01	3.52E-04	0.33
6907114143641	690711	4143641	RESIDENT	5.90E-02	1.85E-04	2.70E-01	3.48E-04	0.33
6906464143646	690646	4143646	RESIDENT	6.11E-02	2.22E-04	2.79E-01	4.18E-04	0.34
6906514143646	690651	4143646	RESIDENT	6.10E-02	2.19E-04	2.79E-01	4.12E-04	0.34
6906564143646	690656	4143646	RESIDENT	6.10E-02	2.16E-04	2.79E-01	4.06E-04	0.34
6906614143646	690661	4143646	RESIDENT	6.09E-02	2.13E-04	2.79E-01	4.00E-04	0.34
6906664143646	690666	4143646	RESIDENT	6.09E-02	2.10E-04	2.78E-01	3.94E-04	0.34
6906714143646	690671	4143646	RESIDENT	6.08E-02	2.07E-04	2.78E-01	3.88E-04	0.34
6906764143646	690676	4143646	RESIDENT	6.07E-02	2.04E-04	2.77E-01	3.83E-04	0.34
6906464143651	690646	4143651	RESIDENT	6.19E-02	2.23E-04	2.83E-01	4.19E-04	0.35
6906514143651	690651	4143651	RESIDENT	6.18E-02	2.20E-04	2.83E-01	4.13E-04	0.35
6906564143651	690656	4143651	RESIDENT	6.18E-02	2.16E-04	2.82E-01	4.06E-04	0.34
6906614143651	690661	4143651	RESIDENT	6.17E-02	2.13E-04	2.82E-01	4.01E-04	0.34
6906664143651	690666	4143651	RESIDENT	6.16E-02	2.10E-04	2.82E-01	3.95E-04	0.34
6906714143651	690671	4143651	RESIDENT	6.15E-02	2.07E-04	2.81E-01	3.89E-04	0.34
6906764143651	690676	4143651	RESIDENT	6.14E-02	2.04E-04	2.81E-01	3.84E-04	0.34
6906464143656	690646	4143656	RESIDENT	6.26E-02	2.23E-04	2.86E-01	4.20E-04	0.35
6906514143656	690651	4143656	RESIDENT	6.26E-02	2.20E-04	2.86E-01	4.13E-04	0.35
6906564143656	690656	4143656	RESIDENT	6.25E-02	2.17E-04	2.86E-01	4.07E-04	0.35
6906614143656	690661	4143656	RESIDENT	6.24E-02	2.14E-04	2.85E-01	4.01E-04	0.35
6906664143656	690666	4143656	RESIDENT	6.23E-02	2.11E-04	2.85E-01	3.95E-04	0.35
6906714143656	690671	4143656	RESIDENT	6.22E-02	2.08E-04	2.85E-01	3.90E-04	0.35
6906764143656	690676	4143656	RESIDENT	6.21E-02	2.05E-04	2.84E-01	3.84E-04	0.35

Cancer Risk

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	11.5	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6902724144411	690272	4144411	RESIDENT	1.64E-01	2.28E-04	**1.65E-01**	**3.29E-02**
6902774144411	690277	4144411	RESIDENT	1.43E-01	2.00E-04	**1.43E-01**	**2.86E-02**
6902824144411	690282	4144411	RESIDENT	1.24E-01	1.77E-04	**1.24E-01**	**2.49E-02**
6902874144411	690287	4144411	RESIDENT	1.09E-01	1.58E-04	**1.09E-01**	**2.18E-02**
6902924144411	690292	4144411	RESIDENT	9.54E-02	1.42E-04	**9.56E-02**	**1.91E-02**
6902974144411	690297	4144411	RESIDENT	8.42E-02	1.29E-04	**8.44E-02**	**1.69E-02**
6902724144416	690272	4144416	RESIDENT	1.56E-01	2.28E-04	**1.56E-01**	**3.12E-02**
6902774144416	690277	4144416	RESIDENT	1.34E-01	2.00E-04	**1.35E-01**	**2.69E-02**
6902824144416	690282	4144416	RESIDENT	1.17E-01	1.77E-04	**1.17E-01**	**2.34E-02**
6902874144416	690287	4144416	RESIDENT	1.02E-01	1.58E-04	**1.02E-01**	**2.04E-02**
6902924144416	690292	4144416	RESIDENT	8.92E-02	1.42E-04	**8.93E-02**	**1.79E-02**
6902974144416	690297	4144416	RESIDENT	7.86E-02	1.29E-04	**7.87E-02**	**1.57E-02**
6902724144421	690272	4144421	RESIDENT	1.46E-01	2.28E-04	**1.46E-01**	**2.92E-02**
6902774144421	690277	4144421	RESIDENT	1.25E-01	2.00E-04	**1.25E-01**	**2.51E-02**
6902824144421	690282	4144421	RESIDENT	1.08E-01	1.77E-04	**1.09E-01**	**2.17E-02**
6902874144421	690287	4144421	RESIDENT	9.44E-02	1.58E-04	**9.45E-02**	**1.89E-02**
6902924144421	690292	4144421	RESIDENT	8.27E-02	1.42E-04	**8.28E-02**	**1.66E-02**
6902974144421	690297	4144421	RESIDENT	7.29E-02	1.29E-04	**7.30E-02**	**1.46E-02**
6902724144426	690272	4144426	RESIDENT	1.35E-01	2.27E-04	**1.35E-01**	**2.70E-02**
6902774144426	690277	4144426	RESIDENT	1.16E-01	1.99E-04	**1.16E-01**	**2.32E-02**
6902824144426	690282	4144426	RESIDENT	9.98E-02	1.77E-04	**1.00E-01**	**2.00E-02**
6902874144426	690287	4144426	RESIDENT	8.69E-02	1.58E-04	**8.70E-02**	**1.74E-02**
6902924144426	690292	4144426	RESIDENT	7.61E-02	1.42E-04	**7.62E-02**	**1.52E-02**
6902974144426	690297	4144426	RESIDENT	6.72E-02	1.29E-04	**6.73E-02**	**1.35E-02**
6902724144431	690272	4144431	RESIDENT	1.23E-01	2.27E-04	**1.23E-01**	**2.47E-02**
6902774144431	690277	4144431	RESIDENT	1.06E-01	1.99E-04	**1.06E-01**	**2.11E-02**
6902824144431	690282	4144431	RESIDENT	9.11E-02	1.76E-04	**9.13E-02**	**1.83E-02**
6902874144431	690287	4144431	RESIDENT	7.94E-02	1.58E-04	**7.95E-02**	**1.59E-02**
6902924144431	690292	4144431	RESIDENT	6.97E-02	1.42E-04	**6.98E-02**	**1.40E-02**
6902974144431	690297	4144431	RESIDENT	6.16E-02	1.29E-04	**6.17E-02**	**1.23E-02**
6902724144436	690272	4144436	RESIDENT	1.11E-01	2.27E-04	**1.11E-01**	**2.23E-02**
6902774144436	690277	4144436	RESIDENT	9.55E-02	1.99E-04	**9.57E-02**	**1.91E-02**
6902824144436	690282	4144436	RESIDENT	8.26E-02	1.76E-04	**8.28E-02**	**1.66E-02**
6902874144436	690287	4144436	RESIDENT	7.21E-02	1.58E-04	**7.22E-02**	**1.44E-02**
6902924144436	690292	4144436	RESIDENT	6.35E-02	1.42E-04	**6.36E-02**	**1.27E-02**
6902974144436	690297	4144436	RESIDENT	5.63E-02	1.29E-04	**5.65E-02**	**1.13E-02**
6902034144665	690203	4144665	RESIDENT	8.78E-03	9.76E-05	**8.88E-03**	**1.78E-03**
6902084144665	690208	4144665	RESIDENT	8.55E-03	1.08E-04	**8.66E-03**	**1.73E-03**
6902134144665	690213	4144665	RESIDENT	8.32E-03	1.21E-04	**8.44E-03**	**1.69E-03**
6902184144665	690218	4144665	RESIDENT	8.11E-03	1.38E-04	**8.25E-03**	**1.65E-03**
6902234144665	690223	4144665	RESIDENT	7.91E-03	1.58E-04	**8.06E-03**	**1.61E-03**
6902284144665	690228	4144665	RESIDENT	7.71E-03	1.84E-04	**7.90E-03**	**1.58E-03**
6902334144665	690233	4144665	RESIDENT	7.53E-03	1.73E-04	**7.71E-03**	**1.54E-03**
6902034144670	690203	4144670	RESIDENT	8.45E-03	9.76E-05	**8.55E-03**	**1.71E-03**
6902084144670	690208	4144670	RESIDENT	8.23E-03	1.08E-04	**8.34E-03**	**1.67E-03**
6902134144670	690213	4144670	RESIDENT	8.02E-03	1.22E-04	**8.14E-03**	**1.63E-03**
6902184144670	690218	4144670	RESIDENT	7.82E-03	1.38E-04	**7.96E-03**	**1.59E-03**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6902234144670	690223	4144670	RESIDENT	7.63E-03	1.58E-04	**7.78E-03**	**1.56E-03**
6902284144670	690228	4144670	RESIDENT	7.44E-03	1.84E-04	**7.63E-03**	**1.53E-03**
6902334144670	690233	4144670	RESIDENT	7.27E-03	1.63E-04	**7.44E-03**	**1.49E-03**
6902034144675	690203	4144675	RESIDENT	8.14E-03	9.77E-05	**8.24E-03**	**1.65E-03**
6902084144675	690208	4144675	RESIDENT	7.94E-03	1.09E-04	**8.04E-03**	**1.61E-03**
6902134144675	690213	4144675	RESIDENT	7.73E-03	1.22E-04	**7.86E-03**	**1.57E-03**
6902184144675	690218	4144675	RESIDENT	7.54E-03	1.38E-04	**7.68E-03**	**1.54E-03**
6902234144675	690223	4144675	RESIDENT	7.36E-03	1.58E-04	**7.52E-03**	**1.50E-03**
6902284144675	690228	4144675	RESIDENT	7.19E-03	1.85E-04	**7.37E-03**	**1.47E-03**
6902334144675	690233	4144675	RESIDENT	7.03E-03	1.61E-04	**7.19E-03**	**1.44E-03**
6902034144680	690203	4144680	RESIDENT	7.85E-03	9.78E-05	**7.95E-03**	**1.59E-03**
6902084144680	690208	4144680	RESIDENT	7.65E-03	1.09E-04	**7.76E-03**	**1.55E-03**
6902134144680	690213	4144680	RESIDENT	7.46E-03	1.22E-04	**7.59E-03**	**1.52E-03**
6902184144680	690218	4144680	RESIDENT	7.28E-03	1.38E-04	**7.42E-03**	**1.48E-03**
6902234144680	690223	4144680	RESIDENT	7.11E-03	1.58E-04	**7.27E-03**	**1.45E-03**
6902284144680	690228	4144680	RESIDENT	6.95E-03	1.85E-04	**7.13E-03**	**1.43E-03**
6902334144680	690233	4144680	RESIDENT	6.80E-03	1.73E-04	**6.97E-03**	**1.39E-03**
6902034144685	690203	4144685	RESIDENT	7.58E-03	9.79E-05	**7.67E-03**	**1.53E-03**
6902084144685	690208	4144685	RESIDENT	7.39E-03	1.09E-04	**7.50E-03**	**1.50E-03**
6902134144685	690213	4144685	RESIDENT	7.21E-03	1.22E-04	**7.33E-03**	**1.47E-03**
6902184144685	690218	4144685	RESIDENT	7.04E-03	1.38E-04	**7.17E-03**	**1.43E-03**
6902234144685	690223	4144685	RESIDENT	6.87E-03	1.59E-04	**7.03E-03**	**1.41E-03**
6902284144685	690228	4144685	RESIDENT	6.72E-03	1.85E-04	**6.90E-03**	**1.38E-03**
6902334144685	690233	4144685	RESIDENT	6.57E-03	1.64E-04	**6.74E-03**	**1.35E-03**
6902034144690	690203	4144690	RESIDENT	7.31E-03	9.80E-05	**7.41E-03**	**1.48E-03**
6902084144690	690208	4144690	RESIDENT	7.14E-03	1.09E-04	**7.25E-03**	**1.45E-03**
6902134144690	690213	4144690	RESIDENT	6.97E-03	1.22E-04	**7.09E-03**	**1.42E-03**
6902184144690	690218	4144690	RESIDENT	6.80E-03	1.38E-04	**6.94E-03**	**1.39E-03**
6902234144690	690223	4144690	RESIDENT	6.65E-03	1.59E-04	**6.81E-03**	**1.36E-03**
6902284144690	690228	4144690	RESIDENT	6.50E-03	1.85E-04	**6.69E-03**	**1.34E-03**
6902334144690	690233	4144690	RESIDENT	6.36E-03	1.61E-04	**6.52E-03**	**1.30E-03**
6906094144308	690609	4144308	RESIDENT	6.04E-03	1.41E-05	**6.06E-03**	**1.21E-03**
6906144144308	690614	4144308	RESIDENT	5.88E-03	1.39E-05	**5.89E-03**	**1.18E-03**
6906194144308	690619	4144308	RESIDENT	5.72E-03	1.36E-05	**5.73E-03**	**1.15E-03**
6906244144308	690624	4144308	RESIDENT	5.56E-03	1.34E-05	**5.57E-03**	**1.11E-03**
6906294144308	690629	4144308	RESIDENT	5.41E-03	1.32E-05	**5.43E-03**	**1.09E-03**
6906344144308	690634	4144308	RESIDENT	5.27E-03	1.29E-05	**5.28E-03**	**1.06E-03**
6906394144308	690639	4144308	RESIDENT	5.13E-03	1.27E-05	**5.15E-03**	**1.03E-03**
6906444144308	690644	4144308	RESIDENT	5.00E-03	1.25E-05	**5.02E-03**	**1.00E-03**
6906494144308	690649	4144308	RESIDENT	4.88E-03	1.23E-05	**4.89E-03**	**9.78E-04**
6906544144308	690654	4144308	RESIDENT	4.76E-03	1.21E-05	**4.77E-03**	**9.54E-04**
6906594144308	690659	4144308	RESIDENT	4.64E-03	1.19E-05	**4.65E-03**	**9.30E-04**
6906644144308	690664	4144308	RESIDENT	4.53E-03	1.17E-05	**4.54E-03**	**9.08E-04**
6906694144308	690669	4144308	RESIDENT	4.42E-03	1.15E-05	**4.43E-03**	**8.86E-04**
6906744144308	690674	4144308	RESIDENT	4.32E-03	1.13E-05	**4.33E-03**	**8.65E-04**
6906794144308	690679	4144308	RESIDENT	4.22E-03	1.12E-05	**4.23E-03**	**8.45E-04**
6906844144308	690684	4144308	RESIDENT	4.12E-03	1.10E-05	**4.13E-03**	**8.26E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6906894144308	690689	4144308	RESIDENT	4.03E-03	1.08E-05	**4.04E-03**	**8.08E-04**
6906944144308	690694	4144308	RESIDENT	3.94E-03	1.06E-05	**3.95E-03**	**7.90E-04**
6906994144308	690699	4144308	RESIDENT	3.85E-03	1.05E-05	**3.86E-03**	**7.72E-04**
6906094144313	690609	4144313	RESIDENT	5.92E-03	1.41E-05	**5.93E-03**	**1.19E-03**
6906144144313	690614	4144313	RESIDENT	5.76E-03	1.39E-05	**5.77E-03**	**1.15E-03**
6906194144313	690619	4144313	RESIDENT	5.60E-03	1.36E-05	**5.61E-03**	**1.12E-03**
6906244144313	690624	4144313	RESIDENT	5.45E-03	1.34E-05	**5.46E-03**	**1.09E-03**
6906294144313	690629	4144313	RESIDENT	5.30E-03	1.32E-05	**5.32E-03**	**1.06E-03**
6906344144313	690634	4144313	RESIDENT	5.17E-03	1.29E-05	**5.18E-03**	**1.04E-03**
6906394144313	690639	4144313	RESIDENT	5.03E-03	1.27E-05	**5.05E-03**	**1.01E-03**
6906444144313	690644	4144313	RESIDENT	4.91E-03	1.25E-05	**4.92E-03**	**9.84E-04**
6906494144313	690649	4144313	RESIDENT	4.78E-03	1.23E-05	**4.80E-03**	**9.59E-04**
6906544144313	690654	4144313	RESIDENT	4.67E-03	1.21E-05	**4.68E-03**	**9.36E-04**
6906594144313	690659	4144313	RESIDENT	4.55E-03	1.19E-05	**4.56E-03**	**9.13E-04**
6906644144313	690664	4144313	RESIDENT	4.44E-03	1.17E-05	**4.46E-03**	**8.91E-04**
6906694144313	690669	4144313	RESIDENT	4.34E-03	1.15E-05	**4.35E-03**	**8.70E-04**
6906744144313	690674	4144313	RESIDENT	4.24E-03	1.13E-05	**4.25E-03**	**8.50E-04**
6906794144313	690679	4144313	RESIDENT	4.14E-03	1.11E-05	**4.15E-03**	**8.30E-04**
6906844144313	690684	4144313	RESIDENT	4.05E-03	1.10E-05	**4.06E-03**	**8.11E-04**
6906894144313	690689	4144313	RESIDENT	3.96E-03	1.08E-05	**3.97E-03**	**7.93E-04**
6906944144313	690694	4144313	RESIDENT	3.87E-03	1.06E-05	**3.88E-03**	**7.76E-04**
6906994144313	690699	4144313	RESIDENT	3.78E-03	1.05E-05	**3.79E-03**	**7.59E-04**
6907044144313	690704	4144313	RESIDENT	3.70E-03	1.03E-05	**3.71E-03**	**7.43E-04**
6906094144318	690609	4144318	RESIDENT	5.80E-03	1.41E-05	**5.81E-03**	**1.16E-03**
6906144144318	690614	4144318	RESIDENT	5.64E-03	1.39E-05	**5.65E-03**	**1.13E-03**
6906194144318	690619	4144318	RESIDENT	5.48E-03	1.36E-05	**5.50E-03**	**1.10E-03**
6906244144318	690624	4144318	RESIDENT	5.34E-03	1.34E-05	**5.35E-03**	**1.07E-03**
6906294144318	690629	4144318	RESIDENT	5.20E-03	1.32E-05	**5.21E-03**	**1.04E-03**
6906344144318	690634	4144318	RESIDENT	5.06E-03	1.29E-05	**5.08E-03**	**1.02E-03**
6906394144318	690639	4144318	RESIDENT	4.93E-03	1.27E-05	**4.95E-03**	**9.89E-04**
6906444144318	690644	4144318	RESIDENT	4.81E-03	1.25E-05	**4.82E-03**	**9.65E-04**
6906494144318	690649	4144318	RESIDENT	4.69E-03	1.23E-05	**4.70E-03**	**9.41E-04**
6906544144318	690654	4144318	RESIDENT	4.58E-03	1.21E-05	**4.59E-03**	**9.18E-04**
6906594144318	690659	4144318	RESIDENT	4.47E-03	1.19E-05	**4.48E-03**	**8.96E-04**
6906644144318	690664	4144318	RESIDENT	4.36E-03	1.17E-05	**4.37E-03**	**8.74E-04**
6906694144318	690669	4144318	RESIDENT	4.26E-03	1.15E-05	**4.27E-03**	**8.54E-04**
6906744144318	690674	4144318	RESIDENT	4.16E-03	1.13E-05	**4.17E-03**	**8.34E-04**
6906794144318	690679	4144318	RESIDENT	4.07E-03	1.11E-05	**4.08E-03**	**8.15E-04**
6906844144318	690684	4144318	RESIDENT	3.97E-03	1.10E-05	**3.98E-03**	**7.97E-04**
6906894144318	690689	4144318	RESIDENT	3.89E-03	1.08E-05	**3.90E-03**	**7.79E-04**
6906944144318	690694	4144318	RESIDENT	3.80E-03	1.06E-05	**3.81E-03**	**7.62E-04**
6906994144318	690699	4144318	RESIDENT	3.72E-03	1.04E-05	**3.73E-03**	**7.46E-04**
6907044144318	690704	4144318	RESIDENT	3.64E-03	1.03E-05	**3.65E-03**	**7.30E-04**
6907094144318	690709	4144318	RESIDENT	3.56E-03	1.01E-05	**3.57E-03**	**7.15E-04**
6907144144318	690714	4144318	RESIDENT	3.49E-03	9.98E-06	**3.50E-03**	**7.00E-04**
6906094144323	690609	4144323	RESIDENT	5.67E-03	1.41E-05	**5.69E-03**	**1.14E-03**
6906144144323	690614	4144323	RESIDENT	5.52E-03	1.39E-05	**5.53E-03**	**1.11E-03**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6906194144323	690619	4144323	RESIDENT	5.37E-03	1.36E-05	**5.38E-03**	**1.08E-03**
6906244144323	690624	4144323	RESIDENT	5.23E-03	1.34E-05	**5.24E-03**	**1.05E-03**
6906294144323	690629	4144323	RESIDENT	5.09E-03	1.31E-05	**5.10E-03**	**1.02E-03**
6906344144323	690634	4144323	RESIDENT	4.96E-03	1.29E-05	**4.97E-03**	**9.95E-04**
6906394144323	690639	4144323	RESIDENT	4.84E-03	1.27E-05	**4.85E-03**	**9.70E-04**
6906444144323	690644	4144323	RESIDENT	4.72E-03	1.25E-05	**4.73E-03**	**9.46E-04**
6906494144323	690649	4144323	RESIDENT	4.60E-03	1.23E-05	**4.61E-03**	**9.22E-04**
6906544144323	690654	4144323	RESIDENT	4.49E-03	1.21E-05	**4.50E-03**	**9.00E-04**
6906594144323	690659	4144323	RESIDENT	4.38E-03	1.19E-05	**4.39E-03**	**8.79E-04**
6906644144323	690664	4144323	RESIDENT	4.28E-03	1.17E-05	**4.29E-03**	**8.58E-04**
6906694144323	690669	4144323	RESIDENT	4.18E-03	1.15E-05	**4.19E-03**	**8.38E-04**
6906744144323	690674	4144323	RESIDENT	4.08E-03	1.13E-05	**4.09E-03**	**8.19E-04**
6906794144323	690679	4144323	RESIDENT	3.99E-03	1.11E-05	**4.00E-03**	**8.00E-04**
6906844144323	690684	4144323	RESIDENT	3.90E-03	1.09E-05	**3.91E-03**	**7.83E-04**
6906894144323	690689	4144323	RESIDENT	3.82E-03	1.08E-05	**3.83E-03**	**7.65E-04**
6906944144323	690694	4144323	RESIDENT	3.73E-03	1.06E-05	**3.74E-03**	**7.49E-04**
6906994144323	690699	4144323	RESIDENT	3.65E-03	1.04E-05	**3.66E-03**	**7.33E-04**
6907044144323	690704	4144323	RESIDENT	3.58E-03	1.03E-05	**3.59E-03**	**7.17E-04**
6907094144323	690709	4144323	RESIDENT	3.50E-03	1.01E-05	**3.51E-03**	**7.02E-04**
6907144144323	690714	4144323	RESIDENT	3.43E-03	9.96E-06	**3.44E-03**	**6.88E-04**
6906094144328	690609	4144328	RESIDENT	5.55E-03	1.41E-05	**5.56E-03**	**1.11E-03**
6906144144328	690614	4144328	RESIDENT	5.40E-03	1.38E-05	**5.41E-03**	**1.08E-03**
6906194144328	690619	4144328	RESIDENT	5.26E-03	1.36E-05	**5.27E-03**	**1.05E-03**
6906244144328	690624	4144328	RESIDENT	5.12E-03	1.34E-05	**5.13E-03**	**1.03E-03**
6906294144328	690629	4144328	RESIDENT	4.99E-03	1.31E-05	**5.00E-03**	**1.00E-03**
6906344144328	690634	4144328	RESIDENT	4.86E-03	1.29E-05	**4.87E-03**	**9.75E-04**
6906394144328	690639	4144328	RESIDENT	4.74E-03	1.27E-05	**4.75E-03**	**9.50E-04**
6906444144328	690644	4144328	RESIDENT	4.62E-03	1.25E-05	**4.63E-03**	**9.27E-04**
6906494144328	690649	4144328	RESIDENT	4.51E-03	1.23E-05	**4.52E-03**	**9.04E-04**
6906544144328	690654	4144328	RESIDENT	4.40E-03	1.21E-05	**4.41E-03**	**8.83E-04**
6906594144328	690659	4144328	RESIDENT	4.30E-03	1.19E-05	**4.31E-03**	**8.62E-04**
6906644144328	690664	4144328	RESIDENT	4.20E-03	1.17E-05	**4.21E-03**	**8.42E-04**
6906694144328	690669	4144328	RESIDENT	4.10E-03	1.15E-05	**4.11E-03**	**8.22E-04**
6906744144328	690674	4144328	RESIDENT	4.01E-03	1.13E-05	**4.02E-03**	**8.04E-04**
6906794144328	690679	4144328	RESIDENT	3.92E-03	1.11E-05	**3.93E-03**	**7.86E-04**
6906844144328	690684	4144328	RESIDENT	3.83E-03	1.09E-05	**3.84E-03**	**7.68E-04**
6906894144328	690689	4144328	RESIDENT	3.75E-03	1.08E-05	**3.76E-03**	**7.52E-04**
6906944144328	690694	4144328	RESIDENT	3.67E-03	1.06E-05	**3.68E-03**	**7.35E-04**
6906994144328	690699	4144328	RESIDENT	3.59E-03	1.04E-05	**3.60E-03**	**7.20E-04**
6907044144328	690704	4144328	RESIDENT	3.51E-03	1.03E-05	**3.52E-03**	**7.05E-04**
6907094144328	690709	4144328	RESIDENT	3.44E-03	1.01E-05	**3.45E-03**	**6.90E-04**
6907144144328	690714	4144328	RESIDENT	3.37E-03	9.95E-06	**3.38E-03**	**6.76E-04**
6906094144333	690609	4144333	RESIDENT	5.43E-03	1.41E-05	**5.44E-03**	**1.09E-03**
6906144144333	690614	4144333	RESIDENT	5.28E-03	1.38E-05	**5.30E-03**	**1.06E-03**
6906194144333	690619	4144333	RESIDENT	5.14E-03	1.36E-05	**5.16E-03**	**1.03E-03**
6906244144333	690624	4144333	RESIDENT	5.01E-03	1.33E-05	**5.02E-03**	**1.00E-03**
6906294144333	690629	4144333	RESIDENT	4.88E-03	1.31E-05	**4.90E-03**	**9.79E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6906344144333	690634	4144333	RESIDENT	4.76E-03	1.29E-05	**4.77E-03**	**9.55E-04**
6906394144333	690639	4144333	RESIDENT	4.64E-03	1.27E-05	**4.66E-03**	**9.31E-04**
6906444144333	690644	4144333	RESIDENT	4.53E-03	1.25E-05	**4.54E-03**	**9.08E-04**
6906494144333	690649	4144333	RESIDENT	4.42E-03	1.22E-05	**4.43E-03**	**8.86E-04**
6906544144333	690654	4144333	RESIDENT	4.31E-03	1.20E-05	**4.33E-03**	**8.65E-04**
6906594144333	690659	4144333	RESIDENT	4.21E-03	1.18E-05	**4.22E-03**	**8.45E-04**
6906644144333	690664	4144333	RESIDENT	4.12E-03	1.16E-05	**4.13E-03**	**8.26E-04**
6906694144333	690669	4144333	RESIDENT	4.02E-03	1.15E-05	**4.03E-03**	**8.07E-04**
6906744144333	690674	4144333	RESIDENT	3.93E-03	1.13E-05	**3.94E-03**	**7.89E-04**
6906794144333	690679	4144333	RESIDENT	3.84E-03	1.11E-05	**3.86E-03**	**7.71E-04**
6906844144333	690684	4144333	RESIDENT	3.76E-03	1.09E-05	**3.77E-03**	**7.54E-04**
6906894144333	690689	4144333	RESIDENT	3.68E-03	1.07E-05	**3.69E-03**	**7.38E-04**
6906944144333	690694	4144333	RESIDENT	3.60E-03	1.06E-05	**3.61E-03**	**7.22E-04**
6906994144333	690699	4144333	RESIDENT	3.52E-03	1.04E-05	**3.53E-03**	**7.07E-04**
6907044144333	690704	4144333	RESIDENT	3.45E-03	1.02E-05	**3.46E-03**	**6.92E-04**
6907094144333	690709	4144333	RESIDENT	3.38E-03	1.01E-05	**3.39E-03**	**6.78E-04**
6907144144333	690714	4144333	RESIDENT	3.31E-03	9.93E-06	**3.32E-03**	**6.64E-04**
6906094144338	690609	4144338	RESIDENT	5.31E-03	1.41E-05	**5.32E-03**	**1.06E-03**
6906144144338	690614	4144338	RESIDENT	5.17E-03	1.38E-05	**5.18E-03**	**1.04E-03**
6906194144338	690619	4144338	RESIDENT	5.04E-03	1.36E-05	**5.05E-03**	**1.01E-03**
6906244144338	690624	4144338	RESIDENT	4.91E-03	1.33E-05	**4.92E-03**	**9.84E-04**
6906294144338	690629	4144338	RESIDENT	4.78E-03	1.31E-05	**4.79E-03**	**9.59E-04**
6906344144338	690634	4144338	RESIDENT	4.66E-03	1.29E-05	**4.67E-03**	**9.35E-04**
6906394144338	690639	4144338	RESIDENT	4.55E-03	1.27E-05	**4.56E-03**	**9.12E-04**
6906444144338	690644	4144338	RESIDENT	4.44E-03	1.24E-05	**4.45E-03**	**8.90E-04**
6906494144338	690649	4144338	RESIDENT	4.33E-03	1.22E-05	**4.34E-03**	**8.69E-04**
6906544144338	690654	4144338	RESIDENT	4.23E-03	1.20E-05	**4.24E-03**	**8.48E-04**
6906594144338	690659	4144338	RESIDENT	4.13E-03	1.18E-05	**4.14E-03**	**8.28E-04**
6906644144338	690664	4144338	RESIDENT	4.04E-03	1.16E-05	**4.05E-03**	**8.10E-04**
6906694144338	690669	4144338	RESIDENT	3.94E-03	1.14E-05	**3.96E-03**	**7.91E-04**
6906744144338	690674	4144338	RESIDENT	3.86E-03	1.13E-05	**3.87E-03**	**7.74E-04**
6906794144338	690679	4144338	RESIDENT	3.77E-03	1.11E-05	**3.78E-03**	**7.57E-04**
6906844144338	690684	4144338	RESIDENT	3.69E-03	1.09E-05	**3.70E-03**	**7.40E-04**
6906894144338	690689	4144338	RESIDENT	3.61E-03	1.07E-05	**3.62E-03**	**7.24E-04**
6906944144338	690694	4144338	RESIDENT	3.53E-03	1.06E-05	**3.54E-03**	**7.09E-04**
6906994144338	690699	4144338	RESIDENT	3.46E-03	1.04E-05	**3.47E-03**	**6.94E-04**
6907044144338	690704	4144338	RESIDENT	3.39E-03	1.02E-05	**3.40E-03**	**6.80E-04**
6907094144338	690709	4144338	RESIDENT	3.32E-03	1.01E-05	**3.33E-03**	**6.66E-04**
6907144144338	690714	4144338	RESIDENT	3.25E-03	9.92E-06	**3.26E-03**	**6.53E-04**
6906094144343	690609	4144343	RESIDENT	5.19E-03	1.41E-05	**5.21E-03**	**1.04E-03**
6906144144343	690614	4144343	RESIDENT	5.06E-03	1.38E-05	**5.07E-03**	**1.01E-03**
6906194144343	690619	4144343	RESIDENT	4.93E-03	1.36E-05	**4.94E-03**	**9.88E-04**
6906244144343	690624	4144343	RESIDENT	4.80E-03	1.33E-05	**4.81E-03**	**9.63E-04**
6906294144343	690629	4144343	RESIDENT	4.68E-03	1.31E-05	**4.69E-03**	**9.39E-04**
6906344144343	690634	4144343	RESIDENT	4.56E-03	1.29E-05	**4.58E-03**	**9.15E-04**
6906394144343	690639	4144343	RESIDENT	4.45E-03	1.26E-05	**4.47E-03**	**8.93E-04**
6906444144343	690644	4144343	RESIDENT	4.35E-03	1.24E-05	**4.36E-03**	**8.72E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6906494144343	690649	4144343	RESIDENT	4.24E-03	1.22E-05	**4.26E-03**	**8.51E-04**
6906544144343	690654	4144343	RESIDENT	4.14E-03	1.20E-05	**4.16E-03**	**8.31E-04**
6906594144343	690659	4144343	RESIDENT	4.05E-03	1.18E-05	**4.06E-03**	**8.12E-04**
6906644144343	690664	4144343	RESIDENT	3.96E-03	1.16E-05	**3.97E-03**	**7.94E-04**
6906694144343	690669	4144343	RESIDENT	3.87E-03	1.14E-05	**3.88E-03**	**7.76E-04**
6906744144343	690674	4144343	RESIDENT	3.78E-03	1.12E-05	**3.79E-03**	**7.59E-04**
6906794144343	690679	4144343	RESIDENT	3.70E-03	1.11E-05	**3.71E-03**	**7.42E-04**
6906844144343	690684	4144343	RESIDENT	3.62E-03	1.09E-05	**3.63E-03**	**7.26E-04**
6906894144343	690689	4144343	RESIDENT	3.54E-03	1.07E-05	**3.55E-03**	**7.11E-04**
6906944144343	690694	4144343	RESIDENT	3.47E-03	1.05E-05	**3.48E-03**	**6.96E-04**
6906994144343	690699	4144343	RESIDENT	3.40E-03	1.04E-05	**3.41E-03**	**6.81E-04**
6907044144343	690704	4144343	RESIDENT	3.33E-03	1.02E-05	**3.34E-03**	**6.68E-04**
6907094144343	690709	4144343	RESIDENT	3.26E-03	1.01E-05	**3.27E-03**	**6.54E-04**
6907144144343	690714	4144343	RESIDENT	3.20E-03	9.90E-06	**3.20E-03**	**6.41E-04**
6906094144348	690609	4144348	RESIDENT	5.08E-03	1.40E-05	**5.09E-03**	**1.02E-03**
6906144144348	690614	4144348	RESIDENT	4.95E-03	1.38E-05	**4.96E-03**	**9.92E-04**
6906194144348	690619	4144348	RESIDENT	4.82E-03	1.35E-05	**4.83E-03**	**9.66E-04**
6906244144348	690624	4144348	RESIDENT	4.70E-03	1.33E-05	**4.71E-03**	**9.42E-04**
6906294144348	690629	4144348	RESIDENT	4.58E-03	1.31E-05	**4.59E-03**	**9.19E-04**
6906344144348	690634	4144348	RESIDENT	4.47E-03	1.29E-05	**4.48E-03**	**8.96E-04**
6906394144348	690639	4144348	RESIDENT	4.36E-03	1.26E-05	**4.37E-03**	**8.75E-04**
6906444144348	690644	4144348	RESIDENT	4.26E-03	1.24E-05	**4.27E-03**	**8.54E-04**
6906494144348	690649	4144348	RESIDENT	4.16E-03	1.22E-05	**4.17E-03**	**8.34E-04**
6906544144348	690654	4144348	RESIDENT	4.06E-03	1.20E-05	**4.07E-03**	**8.14E-04**
6906594144348	690659	4144348	RESIDENT	3.97E-03	1.18E-05	**3.98E-03**	**7.96E-04**
6906644144348	690664	4144348	RESIDENT	3.88E-03	1.16E-05	**3.89E-03**	**7.78E-04**
6906694144348	690669	4144348	RESIDENT	3.79E-03	1.14E-05	**3.80E-03**	**7.61E-04**
6906744144348	690674	4144348	RESIDENT	3.71E-03	1.12E-05	**3.72E-03**	**7.44E-04**
6906794144348	690679	4144348	RESIDENT	3.63E-03	1.10E-05	**3.64E-03**	**7.28E-04**
6906844144348	690684	4144348	RESIDENT	3.55E-03	1.09E-05	**3.56E-03**	**7.12E-04**
6906894144348	690689	4144348	RESIDENT	3.48E-03	1.07E-05	**3.49E-03**	**6.97E-04**
6906944144348	690694	4144348	RESIDENT	3.40E-03	1.05E-05	**3.41E-03**	**6.83E-04**
6906994144348	690699	4144348	RESIDENT	3.33E-03	1.04E-05	**3.34E-03**	**6.69E-04**
6907044144348	690704	4144348	RESIDENT	3.27E-03	1.02E-05	**3.28E-03**	**6.55E-04**
6907094144348	690709	4144348	RESIDENT	3.20E-03	1.00E-05	**3.21E-03**	**6.42E-04**
6907144144348	690714	4144348	RESIDENT	3.14E-03	9.89E-06	**3.15E-03**	**6.30E-04**
6894534144161	689453	4144161	RESIDENT	8.81E-04	4.00E-06	**8.85E-04**	**1.77E-04**
6894584144161	689458	4144161	RESIDENT	8.86E-04	4.03E-06	**8.90E-04**	**1.78E-04**
6894634144161	689463	4144161	RESIDENT	8.90E-04	4.07E-06	**8.95E-04**	**1.79E-04**
6894684144161	689468	4144161	RESIDENT	8.95E-04	4.11E-06	**9.00E-04**	**1.80E-04**
6894734144161	689473	4144161	RESIDENT	9.00E-04	4.15E-06	**9.04E-04**	**1.81E-04**
6894784144161	689478	4144161	RESIDENT	9.05E-04	4.19E-06	**9.10E-04**	**1.82E-04**
6894834144161	689483	4144161	RESIDENT	9.10E-04	4.23E-06	**9.15E-04**	**1.83E-04**
6894884144161	689488	4144161	RESIDENT	9.16E-04	4.27E-06	**9.20E-04**	**1.84E-04**
6894934144161	689493	4144161	RESIDENT	9.21E-04	4.31E-06	**9.26E-04**	**1.85E-04**
6894984144161	689498	4144161	RESIDENT	9.27E-04	4.35E-06	**9.31E-04**	**1.86E-04**
6895034144161	689503	4144161	RESIDENT	9.33E-04	4.39E-06	**9.37E-04**	**1.87E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895084144161	689508	4144161	RESIDENT	9.39E-04	4.43E-06	**9.43E-04**	**1.89E-04**
6895134144161	689513	4144161	RESIDENT	9.45E-04	4.47E-06	**9.49E-04**	**1.90E-04**
6895184144161	689518	4144161	RESIDENT	9.51E-04	4.52E-06	**9.55E-04**	**1.91E-04**
6895234144161	689523	4144161	RESIDENT	9.57E-04	4.56E-06	**9.62E-04**	**1.92E-04**
6895284144161	689528	4144161	RESIDENT	9.64E-04	4.60E-06	**9.68E-04**	**1.94E-04**
6895334144161	689533	4144161	RESIDENT	9.70E-04	4.65E-06	**9.75E-04**	**1.95E-04**
6895384144161	689538	4144161	RESIDENT	9.77E-04	4.70E-06	**9.82E-04**	**1.96E-04**
6895434144161	689543	4144161	RESIDENT	9.84E-04	4.74E-06	**9.89E-04**	**1.98E-04**
6895484144161	689548	4144161	RESIDENT	9.92E-04	4.79E-06	**9.96E-04**	**1.99E-04**
6895534144161	689553	4144161	RESIDENT	9.99E-04	4.84E-06	**1.00E-03**	**2.01E-04**
6895584144161	689558	4144161	RESIDENT	1.01E-03	4.88E-06	**1.01E-03**	**2.02E-04**
6895634144161	689563	4144161	RESIDENT	1.01E-03	4.93E-06	**1.02E-03**	**2.04E-04**
6895684144161	689568	4144161	RESIDENT	1.02E-03	4.98E-06	**1.03E-03**	**2.06E-04**
6895734144161	689573	4144161	RESIDENT	1.03E-03	5.03E-06	**1.04E-03**	**2.07E-04**
6895784144161	689578	4144161	RESIDENT	1.04E-03	5.08E-06	**1.04E-03**	**2.09E-04**
6895834144161	689583	4144161	RESIDENT	1.05E-03	5.13E-06	**1.05E-03**	**2.11E-04**
6895884144161	689588	4144161	RESIDENT	1.06E-03	5.19E-06	**1.06E-03**	**2.13E-04**
6895934144161	689593	4144161	RESIDENT	1.07E-03	5.24E-06	**1.07E-03**	**2.15E-04**
6895984144161	689598	4144161	RESIDENT	1.08E-03	5.29E-06	**1.08E-03**	**2.16E-04**
6896034144161	689603	4144161	RESIDENT	1.09E-03	5.35E-06	**1.09E-03**	**2.18E-04**
6896084144161	689608	4144161	RESIDENT	1.10E-03	5.41E-06	**1.10E-03**	**2.21E-04**
6896134144161	689613	4144161	RESIDENT	1.11E-03	5.46E-06	**1.11E-03**	**2.23E-04**
6896184144161	689618	4144161	RESIDENT	1.12E-03	5.52E-06	**1.12E-03**	**2.25E-04**
6896234144161	689623	4144161	RESIDENT	1.13E-03	5.58E-06	**1.14E-03**	**2.27E-04**
6896284144161	689628	4144161	RESIDENT	1.14E-03	5.64E-06	**1.15E-03**	**2.30E-04**
6896334144161	689633	4144161	RESIDENT	1.15E-03	5.70E-06	**1.16E-03**	**2.32E-04**
6896384144161	689638	4144161	RESIDENT	1.17E-03	5.76E-06	**1.17E-03**	**2.34E-04**
6896434144161	689643	4144161	RESIDENT	1.18E-03	5.82E-06	**1.19E-03**	**2.37E-04**
6896484144161	689648	4144161	RESIDENT	1.19E-03	5.89E-06	**1.20E-03**	**2.40E-04**
6894534144166	689453	4144166	RESIDENT	9.02E-04	4.02E-06	**9.06E-04**	**1.81E-04**
6894584144166	689458	4144166	RESIDENT	9.07E-04	4.05E-06	**9.11E-04**	**1.82E-04**
6894634144166	689463	4144166	RESIDENT	9.12E-04	4.09E-06	**9.16E-04**	**1.83E-04**
6894684144166	689468	4144166	RESIDENT	9.17E-04	4.13E-06	**9.21E-04**	**1.84E-04**
6894734144166	689473	4144166	RESIDENT	9.22E-04	4.17E-06	**9.26E-04**	**1.85E-04**
6894784144166	689478	4144166	RESIDENT	9.27E-04	4.21E-06	**9.31E-04**	**1.86E-04**
6894834144166	689483	4144166	RESIDENT	9.32E-04	4.25E-06	**9.36E-04**	**1.87E-04**
6894884144166	689488	4144166	RESIDENT	9.37E-04	4.29E-06	**9.42E-04**	**1.88E-04**
6894934144166	689493	4144166	RESIDENT	9.43E-04	4.33E-06	**9.47E-04**	**1.89E-04**
6894984144166	689498	4144166	RESIDENT	9.49E-04	4.37E-06	**9.53E-04**	**1.91E-04**
6895034144166	689503	4144166	RESIDENT	9.54E-04	4.41E-06	**9.59E-04**	**1.92E-04**
6895084144166	689508	4144166	RESIDENT	9.60E-04	4.45E-06	**9.65E-04**	**1.93E-04**
6895134144166	689513	4144166	RESIDENT	9.66E-04	4.49E-06	**9.71E-04**	**1.94E-04**
6895184144166	689518	4144166	RESIDENT	9.73E-04	4.54E-06	**9.77E-04**	**1.95E-04**
6895234144166	689523	4144166	RESIDENT	9.79E-04	4.58E-06	**9.83E-04**	**1.97E-04**
6895284144166	689528	4144166	RESIDENT	9.85E-04	4.62E-06	**9.90E-04**	**1.98E-04**
6895334144166	689533	4144166	RESIDENT	9.92E-04	4.67E-06	**9.97E-04**	**1.99E-04**
6895384144166	689538	4144166	RESIDENT	9.99E-04	4.71E-06	**1.00E-03**	**2.01E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895434144166	689543	4144166	RESIDENT	1.01E-03	4.76E-06	**1.01E-03**	**2.02E-04**
6895484144166	689548	4144166	RESIDENT	1.01E-03	4.81E-06	**1.02E-03**	**2.04E-04**
6895534144166	689553	4144166	RESIDENT	1.02E-03	4.86E-06	**1.03E-03**	**2.05E-04**
6895584144166	689558	4144166	RESIDENT	1.03E-03	4.90E-06	**1.03E-03**	**2.07E-04**
6895634144166	689563	4144166	RESIDENT	1.04E-03	4.95E-06	**1.04E-03**	**2.08E-04**
6895684144166	689568	4144166	RESIDENT	1.04E-03	5.00E-06	**1.05E-03**	**2.10E-04**
6895734144166	689573	4144166	RESIDENT	1.05E-03	5.05E-06	**1.06E-03**	**2.12E-04**
6895784144166	689578	4144166	RESIDENT	1.06E-03	5.10E-06	**1.07E-03**	**2.13E-04**
6895834144166	689583	4144166	RESIDENT	1.07E-03	5.15E-06	**1.08E-03**	**2.15E-04**
6895884144166	689588	4144166	RESIDENT	1.08E-03	5.21E-06	**1.08E-03**	**2.17E-04**
6895934144166	689593	4144166	RESIDENT	1.09E-03	5.26E-06	**1.09E-03**	**2.19E-04**
6895984144166	689598	4144166	RESIDENT	1.10E-03	5.31E-06	**1.10E-03**	**2.21E-04**
6896034144166	689603	4144166	RESIDENT	1.11E-03	5.37E-06	**1.11E-03**	**2.23E-04**
6896084144166	689608	4144166	RESIDENT	1.12E-03	5.43E-06	**1.12E-03**	**2.25E-04**
6896134144166	689613	4144166	RESIDENT	1.13E-03	5.48E-06	**1.14E-03**	**2.27E-04**
6896184144166	689618	4144166	RESIDENT	1.14E-03	5.54E-06	**1.15E-03**	**2.29E-04**
6896234144166	689623	4144166	RESIDENT	1.15E-03	5.60E-06	**1.16E-03**	**2.32E-04**
6896284144166	689628	4144166	RESIDENT	1.16E-03	5.66E-06	**1.17E-03**	**2.34E-04**
6896334144166	689633	4144166	RESIDENT	1.18E-03	5.72E-06	**1.18E-03**	**2.36E-04**
6896384144166	689638	4144166	RESIDENT	1.19E-03	5.78E-06	**1.19E-03**	**2.39E-04**
6896434144166	689643	4144166	RESIDENT	1.20E-03	5.84E-06	**1.21E-03**	**2.41E-04**
6896484144166	689648	4144166	RESIDENT	1.21E-03	5.91E-06	**1.22E-03**	**2.44E-04**
6894534144171	689453	4144171	RESIDENT	9.24E-04	4.04E-06	**9.28E-04**	**1.86E-04**
6894584144171	689458	4144171	RESIDENT	9.29E-04	4.07E-06	**9.33E-04**	**1.87E-04**
6894634144171	689463	4144171	RESIDENT	9.34E-04	4.11E-06	**9.38E-04**	**1.88E-04**
6894684144171	689468	4144171	RESIDENT	9.39E-04	4.15E-06	**9.43E-04**	**1.89E-04**
6894734144171	689473	4144171	RESIDENT	9.44E-04	4.19E-06	**9.48E-04**	**1.90E-04**
6894784144171	689478	4144171	RESIDENT	9.49E-04	4.23E-06	**9.53E-04**	**1.91E-04**
6894834144171	689483	4144171	RESIDENT	9.55E-04	4.27E-06	**9.59E-04**	**1.92E-04**
6894884144171	689488	4144171	RESIDENT	9.60E-04	4.31E-06	**9.64E-04**	**1.93E-04**
6894934144171	689493	4144171	RESIDENT	9.66E-04	4.35E-06	**9.70E-04**	**1.94E-04**
6894984144171	689498	4144171	RESIDENT	9.71E-04	4.39E-06	**9.76E-04**	**1.95E-04**
6895034144171	689503	4144171	RESIDENT	9.77E-04	4.43E-06	**9.81E-04**	**1.96E-04**
6895084144171	689508	4144171	RESIDENT	9.83E-04	4.47E-06	**9.88E-04**	**1.98E-04**
6895134144171	689513	4144171	RESIDENT	9.89E-04	4.51E-06	**9.94E-04**	**1.99E-04**
6895184144171	689518	4144171	RESIDENT	9.95E-04	4.56E-06	**1.00E-03**	**2.00E-04**
6895234144171	689523	4144171	RESIDENT	1.00E-03	4.60E-06	**1.01E-03**	**2.01E-04**
6895284144171	689528	4144171	RESIDENT	1.01E-03	4.64E-06	**1.01E-03**	**2.03E-04**
6895334144171	689533	4144171	RESIDENT	1.02E-03	4.69E-06	**1.02E-03**	**2.04E-04**
6895384144171	689538	4144171	RESIDENT	1.02E-03	4.73E-06	**1.03E-03**	**2.05E-04**
6895434144171	689543	4144171	RESIDENT	1.03E-03	4.78E-06	**1.03E-03**	**2.07E-04**
6895484144171	689548	4144171	RESIDENT	1.04E-03	4.83E-06	**1.04E-03**	**2.08E-04**
6895534144171	689553	4144171	RESIDENT	1.04E-03	4.87E-06	**1.05E-03**	**2.10E-04**
6895584144171	689558	4144171	RESIDENT	1.05E-03	4.92E-06	**1.06E-03**	**2.11E-04**
6895634144171	689563	4144171	RESIDENT	1.06E-03	4.97E-06	**1.06E-03**	**2.13E-04**
6895684144171	689568	4144171	RESIDENT	1.07E-03	5.02E-06	**1.07E-03**	**2.15E-04**
6895734144171	689573	4144171	RESIDENT	1.08E-03	5.07E-06	**1.08E-03**	**2.16E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895784144171	689578	4144171	RESIDENT	1.08E-03	5.12E-06	**1.09E-03**	**2.18E-04**
6895834144171	689583	4144171	RESIDENT	1.09E-03	5.17E-06	**1.10E-03**	**2.20E-04**
6895884144171	689588	4144171	RESIDENT	1.10E-03	5.23E-06	**1.11E-03**	**2.22E-04**
6895934144171	689593	4144171	RESIDENT	1.11E-03	5.28E-06	**1.12E-03**	**2.24E-04**
6895984144171	689598	4144171	RESIDENT	1.12E-03	5.33E-06	**1.13E-03**	**2.26E-04**
6896034144171	689603	4144171	RESIDENT	1.13E-03	5.39E-06	**1.14E-03**	**2.28E-04**
6896084144171	689608	4144171	RESIDENT	1.14E-03	5.45E-06	**1.15E-03**	**2.30E-04**
6896134144171	689613	4144171	RESIDENT	1.15E-03	5.50E-06	**1.16E-03**	**2.32E-04**
6896184144171	689618	4144171	RESIDENT	1.16E-03	5.56E-06	**1.17E-03**	**2.34E-04**
6896234144171	689623	4144171	RESIDENT	1.18E-03	5.62E-06	**1.18E-03**	**2.36E-04**
6896284144171	689628	4144171	RESIDENT	1.19E-03	5.68E-06	**1.19E-03**	**2.39E-04**
6896334144171	689633	4144171	RESIDENT	1.20E-03	5.74E-06	**1.21E-03**	**2.41E-04**
6896384144171	689638	4144171	RESIDENT	1.21E-03	5.80E-06	**1.22E-03**	**2.44E-04**
6896434144171	689643	4144171	RESIDENT	1.22E-03	5.86E-06	**1.23E-03**	**2.46E-04**
6896484144171	689648	4144171	RESIDENT	1.24E-03	5.93E-06	**1.24E-03**	**2.49E-04**
6894534144176	689453	4144176	RESIDENT	9.48E-04	4.05E-06	**9.52E-04**	**1.90E-04**
6894584144176	689458	4144176	RESIDENT	9.53E-04	4.09E-06	**9.57E-04**	**1.91E-04**
6894634144176	689463	4144176	RESIDENT	9.57E-04	4.13E-06	**9.62E-04**	**1.92E-04**
6894684144176	689468	4144176	RESIDENT	9.63E-04	4.17E-06	**9.67E-04**	**1.93E-04**
6894734144176	689473	4144176	RESIDENT	9.68E-04	4.21E-06	**9.72E-04**	**1.94E-04**
6894784144176	689478	4144176	RESIDENT	9.73E-04	4.24E-06	**9.77E-04**	**1.95E-04**
6894834144176	689483	4144176	RESIDENT	9.78E-04	4.28E-06	**9.83E-04**	**1.97E-04**
6894884144176	689488	4144176	RESIDENT	9.84E-04	4.32E-06	**9.88E-04**	**1.98E-04**
6894934144176	689493	4144176	RESIDENT	9.89E-04	4.36E-06	**9.94E-04**	**1.99E-04**
6894984144176	689498	4144176	RESIDENT	9.95E-04	4.41E-06	**1.00E-03**	**2.00E-04**
6895034144176	689503	4144176	RESIDENT	1.00E-03	4.45E-06	**1.01E-03**	**2.01E-04**
6895084144176	689508	4144176	RESIDENT	1.01E-03	4.49E-06	**1.01E-03**	**2.02E-04**
6895134144176	689513	4144176	RESIDENT	1.01E-03	4.53E-06	**1.02E-03**	**2.04E-04**
6895184144176	689518	4144176	RESIDENT	1.02E-03	4.57E-06	**1.02E-03**	**2.05E-04**
6895234144176	689523	4144176	RESIDENT	1.03E-03	4.62E-06	**1.03E-03**	**2.06E-04**
6895284144176	689528	4144176	RESIDENT	1.03E-03	4.66E-06	**1.04E-03**	**2.08E-04**
6895334144176	689533	4144176	RESIDENT	1.04E-03	4.71E-06	**1.04E-03**	**2.09E-04**
6895384144176	689538	4144176	RESIDENT	1.05E-03	4.75E-06	**1.05E-03**	**2.10E-04**
6895434144176	689543	4144176	RESIDENT	1.05E-03	4.80E-06	**1.06E-03**	**2.12E-04**
6895484144176	689548	4144176	RESIDENT	1.06E-03	4.85E-06	**1.07E-03**	**2.13E-04**
6895534144176	689553	4144176	RESIDENT	1.07E-03	4.89E-06	**1.07E-03**	**2.15E-04**
6895584144176	689558	4144176	RESIDENT	1.08E-03	4.94E-06	**1.08E-03**	**2.16E-04**
6895634144176	689563	4144176	RESIDENT	1.08E-03	4.99E-06	**1.09E-03**	**2.18E-04**
6895684144176	689568	4144176	RESIDENT	1.09E-03	5.04E-06	**1.10E-03**	**2.20E-04**
6895734144176	689573	4144176	RESIDENT	1.10E-03	5.09E-06	**1.11E-03**	**2.21E-04**
6895784144176	689578	4144176	RESIDENT	1.11E-03	5.14E-06	**1.12E-03**	**2.23E-04**
6895834144176	689583	4144176	RESIDENT	1.12E-03	5.19E-06	**1.12E-03**	**2.25E-04**
6895884144176	689588	4144176	RESIDENT	1.13E-03	5.25E-06	**1.13E-03**	**2.27E-04**
6895934144176	689593	4144176	RESIDENT	1.14E-03	5.30E-06	**1.14E-03**	**2.29E-04**
6895984144176	689598	4144176	RESIDENT	1.15E-03	5.35E-06	**1.15E-03**	**2.30E-04**
6896034144176	689603	4144176	RESIDENT	1.16E-03	5.41E-06	**1.16E-03**	**2.33E-04**
6896084144176	689608	4144176	RESIDENT	1.17E-03	5.47E-06	**1.17E-03**	**2.35E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896134144176	689613	4144176	RESIDENT	1.18E-03	5.52E-06	**1.18E-03**	**2.37E-04**
6896184144176	689618	4144176	RESIDENT	1.19E-03	5.58E-06	**1.19E-03**	**2.39E-04**
6896234144176	689623	4144176	RESIDENT	1.20E-03	5.64E-06	**1.21E-03**	**2.41E-04**
6896284144176	689628	4144176	RESIDENT	1.21E-03	5.70E-06	**1.22E-03**	**2.44E-04**
6896334144176	689633	4144176	RESIDENT	1.22E-03	5.76E-06	**1.23E-03**	**2.46E-04**
6896384144176	689638	4144176	RESIDENT	1.24E-03	5.82E-06	**1.24E-03**	**2.49E-04**
6896434144176	689643	4144176	RESIDENT	1.25E-03	5.88E-06	**1.26E-03**	**2.51E-04**
6896484144176	689648	4144176	RESIDENT	1.26E-03	5.95E-06	**1.27E-03**	**2.54E-04**
6894534144181	689453	4144181	RESIDENT	9.72E-04	4.07E-06	**9.76E-04**	**1.95E-04**
6894584144181	689458	4144181	RESIDENT	9.77E-04	4.11E-06	**9.81E-04**	**1.96E-04**
6894634144181	689463	4144181	RESIDENT	9.82E-04	4.15E-06	**9.86E-04**	**1.97E-04**
6894684144181	689468	4144181	RESIDENT	9.87E-04	4.19E-06	**9.91E-04**	**1.98E-04**
6894734144181	689473	4144181	RESIDENT	9.92E-04	4.22E-06	**9.97E-04**	**1.99E-04**
6894784144181	689478	4144181	RESIDENT	9.98E-04	4.26E-06	**1.00E-03**	**2.00E-04**
6894834144181	689483	4144181	RESIDENT	1.00E-03	4.30E-06	**1.01E-03**	**2.02E-04**
6894884144181	689488	4144181	RESIDENT	1.01E-03	4.34E-06	**1.01E-03**	**2.03E-04**
6894934144181	689493	4144181	RESIDENT	1.01E-03	4.38E-06	**1.02E-03**	**2.04E-04**
6894984144181	689498	4144181	RESIDENT	1.02E-03	4.42E-06	**1.03E-03**	**2.05E-04**
6895034144181	689503	4144181	RESIDENT	1.03E-03	4.47E-06	**1.03E-03**	**2.06E-04**
6895084144181	689508	4144181	RESIDENT	1.03E-03	4.51E-06	**1.04E-03**	**2.07E-04**
6895134144181	689513	4144181	RESIDENT	1.04E-03	4.55E-06	**1.04E-03**	**2.09E-04**
6895184144181	689518	4144181	RESIDENT	1.05E-03	4.59E-06	**1.05E-03**	**2.10E-04**
6895234144181	689523	4144181	RESIDENT	1.05E-03	4.64E-06	**1.06E-03**	**2.11E-04**
6895284144181	689528	4144181	RESIDENT	1.06E-03	4.68E-06	**1.06E-03**	**2.13E-04**
6895334144181	689533	4144181	RESIDENT	1.07E-03	4.73E-06	**1.07E-03**	**2.14E-04**
6895384144181	689538	4144181	RESIDENT	1.07E-03	4.77E-06	**1.08E-03**	**2.15E-04**
6895434144181	689543	4144181	RESIDENT	1.08E-03	4.82E-06	**1.08E-03**	**2.17E-04**
6895484144181	689548	4144181	RESIDENT	1.09E-03	4.86E-06	**1.09E-03**	**2.18E-04**
6895534144181	689553	4144181	RESIDENT	1.09E-03	4.91E-06	**1.10E-03**	**2.20E-04**
6895584144181	689558	4144181	RESIDENT	1.10E-03	4.96E-06	**1.11E-03**	**2.22E-04**
6895634144181	689563	4144181	RESIDENT	1.11E-03	5.01E-06	**1.12E-03**	**2.23E-04**
6895684144181	689568	4144181	RESIDENT	1.12E-03	5.06E-06	**1.12E-03**	**2.25E-04**
6895734144181	689573	4144181	RESIDENT	1.13E-03	5.11E-06	**1.13E-03**	**2.27E-04**
6895784144181	689578	4144181	RESIDENT	1.14E-03	5.16E-06	**1.14E-03**	**2.28E-04**
6895834144181	689583	4144181	RESIDENT	1.15E-03	5.21E-06	**1.15E-03**	**2.30E-04**
6895884144181	689588	4144181	RESIDENT	1.15E-03	5.27E-06	**1.16E-03**	**2.32E-04**
6895934144181	689593	4144181	RESIDENT	1.16E-03	5.32E-06	**1.17E-03**	**2.34E-04**
6895984144181	689598	4144181	RESIDENT	1.17E-03	5.37E-06	**1.18E-03**	**2.36E-04**
6896034144181	689603	4144181	RESIDENT	1.18E-03	5.43E-06	**1.19E-03**	**2.38E-04**
6896084144181	689608	4144181	RESIDENT	1.19E-03	5.49E-06	**1.20E-03**	**2.40E-04**
6896134144181	689613	4144181	RESIDENT	1.20E-03	5.54E-06	**1.21E-03**	**2.42E-04**
6896184144181	689618	4144181	RESIDENT	1.22E-03	5.60E-06	**1.22E-03**	**2.44E-04**
6896234144181	689623	4144181	RESIDENT	1.23E-03	5.66E-06	**1.23E-03**	**2.47E-04**
6896284144181	689628	4144181	RESIDENT	1.24E-03	5.72E-06	**1.24E-03**	**2.49E-04**
6896334144181	689633	4144181	RESIDENT	1.25E-03	5.78E-06	**1.26E-03**	**2.51E-04**
6896384144181	689638	4144181	RESIDENT	1.26E-03	5.84E-06	**1.27E-03**	**2.54E-04**
6896434144181	689643	4144181	RESIDENT	1.28E-03	5.90E-06	**1.28E-03**	**2.57E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896484144181	689648	4144181	RESIDENT	1.29E-03	5.97E-06	**1.30E-03**	**2.59E-04**
6894534144186	689453	4144186	RESIDENT	9.97E-04	4.09E-06	**1.00E-03**	**2.00E-04**
6894584144186	689458	4144186	RESIDENT	1.00E-03	4.13E-06	**1.01E-03**	**2.01E-04**
6894634144186	689463	4144186	RESIDENT	1.01E-03	4.17E-06	**1.01E-03**	**2.02E-04**
6894684144186	689468	4144186	RESIDENT	1.01E-03	4.20E-06	**1.02E-03**	**2.03E-04**
6894734144186	689473	4144186	RESIDENT	1.02E-03	4.24E-06	**1.02E-03**	**2.04E-04**
6894784144186	689478	4144186	RESIDENT	1.02E-03	4.28E-06	**1.03E-03**	**2.06E-04**
6894834144186	689483	4144186	RESIDENT	1.03E-03	4.32E-06	**1.03E-03**	**2.07E-04**
6894884144186	689488	4144186	RESIDENT	1.04E-03	4.36E-06	**1.04E-03**	**2.08E-04**
6894934144186	689493	4144186	RESIDENT	1.04E-03	4.40E-06	**1.05E-03**	**2.09E-04**
6894984144186	689498	4144186	RESIDENT	1.05E-03	4.44E-06	**1.05E-03**	**2.10E-04**
6895034144186	689503	4144186	RESIDENT	1.05E-03	4.48E-06	**1.06E-03**	**2.12E-04**
6895084144186	689508	4144186	RESIDENT	1.06E-03	4.53E-06	**1.06E-03**	**2.13E-04**
6895134144186	689513	4144186	RESIDENT	1.07E-03	4.57E-06	**1.07E-03**	**2.14E-04**
6895184144186	689518	4144186	RESIDENT	1.07E-03	4.61E-06	**1.08E-03**	**2.15E-04**
6895234144186	689523	4144186	RESIDENT	1.08E-03	4.66E-06	**1.08E-03**	**2.17E-04**
6895284144186	689528	4144186	RESIDENT	1.09E-03	4.70E-06	**1.09E-03**	**2.18E-04**
6895334144186	689533	4144186	RESIDENT	1.09E-03	4.74E-06	**1.10E-03**	**2.20E-04**
6895384144186	689538	4144186	RESIDENT	1.10E-03	4.79E-06	**1.10E-03**	**2.21E-04**
6895434144186	689543	4144186	RESIDENT	1.11E-03	4.84E-06	**1.11E-03**	**2.22E-04**
6895484144186	689548	4144186	RESIDENT	1.11E-03	4.88E-06	**1.12E-03**	**2.24E-04**
6895534144186	689553	4144186	RESIDENT	1.12E-03	4.93E-06	**1.13E-03**	**2.26E-04**
6895584144186	689558	4144186	RESIDENT	1.13E-03	4.98E-06	**1.14E-03**	**2.27E-04**
6895634144186	689563	4144186	RESIDENT	1.14E-03	5.03E-06	**1.14E-03**	**2.29E-04**
6895684144186	689568	4144186	RESIDENT	1.15E-03	5.08E-06	**1.15E-03**	**2.30E-04**
6895734144186	689573	4144186	RESIDENT	1.16E-03	5.13E-06	**1.16E-03**	**2.32E-04**
6895784144186	689578	4144186	RESIDENT	1.16E-03	5.18E-06	**1.17E-03**	**2.34E-04**
6895834144186	689583	4144186	RESIDENT	1.17E-03	5.23E-06	**1.18E-03**	**2.36E-04**
6895884144186	689588	4144186	RESIDENT	1.18E-03	5.28E-06	**1.19E-03**	**2.38E-04**
6895934144186	689593	4144186	RESIDENT	1.19E-03	5.34E-06	**1.20E-03**	**2.40E-04**
6895984144186	689598	4144186	RESIDENT	1.20E-03	5.39E-06	**1.21E-03**	**2.42E-04**
6896034144186	689603	4144186	RESIDENT	1.21E-03	5.45E-06	**1.22E-03**	**2.44E-04**
6896084144186	689608	4144186	RESIDENT	1.22E-03	5.50E-06	**1.23E-03**	**2.46E-04**
6896134144186	689613	4144186	RESIDENT	1.23E-03	5.56E-06	**1.24E-03**	**2.48E-04**
6896184144186	689618	4144186	RESIDENT	1.24E-03	5.62E-06	**1.25E-03**	**2.50E-04**
6896234144186	689623	4144186	RESIDENT	1.26E-03	5.68E-06	**1.26E-03**	**2.52E-04**
6896284144186	689628	4144186	RESIDENT	1.27E-03	5.74E-06	**1.27E-03**	**2.55E-04**
6896334144186	689633	4144186	RESIDENT	1.28E-03	5.80E-06	**1.29E-03**	**2.57E-04**
6896384144186	689638	4144186	RESIDENT	1.29E-03	5.86E-06	**1.30E-03**	**2.60E-04**
6896434144186	689643	4144186	RESIDENT	1.31E-03	5.92E-06	**1.31E-03**	**2.62E-04**
6896484144186	689648	4144186	RESIDENT	1.32E-03	5.99E-06	**1.32E-03**	**2.65E-04**
6894534144191	689453	4144191	RESIDENT	1.02E-03	4.11E-06	**1.03E-03**	**2.05E-04**
6894584144191	689458	4144191	RESIDENT	1.03E-03	4.15E-06	**1.03E-03**	**2.06E-04**
6894634144191	689463	4144191	RESIDENT	1.03E-03	4.18E-06	**1.04E-03**	**2.08E-04**
6894684144191	689468	4144191	RESIDENT	1.04E-03	4.22E-06	**1.04E-03**	**2.09E-04**
6894734144191	689473	4144191	RESIDENT	1.04E-03	4.26E-06	**1.05E-03**	**2.10E-04**
6894784144191	689478	4144191	RESIDENT	1.05E-03	4.30E-06	**1.06E-03**	**2.11E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6894834144191	689483	4144191	RESIDENT	1.06E-03	4.34E-06	**1.06E-03**	**2.12E-04**
6894884144191	689488	4144191	RESIDENT	1.06E-03	4.38E-06	**1.07E-03**	**2.13E-04**
6894934144191	689493	4144191	RESIDENT	1.07E-03	4.42E-06	**1.07E-03**	**2.15E-04**
6894984144191	689498	4144191	RESIDENT	1.07E-03	4.46E-06	**1.08E-03**	**2.16E-04**
6895034144191	689503	4144191	RESIDENT	1.08E-03	4.50E-06	**1.09E-03**	**2.17E-04**
6895084144191	689508	4144191	RESIDENT	1.09E-03	4.54E-06	**1.09E-03**	**2.18E-04**
6895134144191	689513	4144191	RESIDENT	1.09E-03	4.59E-06	**1.10E-03**	**2.20E-04**
6895184144191	689518	4144191	RESIDENT	1.10E-03	4.63E-06	**1.11E-03**	**2.21E-04**
6895234144191	689523	4144191	RESIDENT	1.11E-03	4.67E-06	**1.11E-03**	**2.22E-04**
6895284144191	689528	4144191	RESIDENT	1.11E-03	4.72E-06	**1.12E-03**	**2.24E-04**
6895334144191	689533	4144191	RESIDENT	1.12E-03	4.76E-06	**1.13E-03**	**2.25E-04**
6895384144191	689538	4144191	RESIDENT	1.13E-03	4.81E-06	**1.13E-03**	**2.27E-04**
6895434144191	689543	4144191	RESIDENT	1.14E-03	4.85E-06	**1.14E-03**	**2.28E-04**
6895484144191	689548	4144191	RESIDENT	1.14E-03	4.90E-06	**1.15E-03**	**2.30E-04**
6895534144191	689553	4144191	RESIDENT	1.15E-03	4.95E-06	**1.16E-03**	**2.31E-04**
6895584144191	689558	4144191	RESIDENT	1.16E-03	5.00E-06	**1.17E-03**	**2.33E-04**
6895634144191	689563	4144191	RESIDENT	1.17E-03	5.05E-06	**1.17E-03**	**2.35E-04**
6895684144191	689568	4144191	RESIDENT	1.18E-03	5.10E-06	**1.18E-03**	**2.36E-04**
6895734144191	689573	4144191	RESIDENT	1.19E-03	5.15E-06	**1.19E-03**	**2.38E-04**
6895784144191	689578	4144191	RESIDENT	1.19E-03	5.20E-06	**1.20E-03**	**2.40E-04**
6895834144191	689583	4144191	RESIDENT	1.20E-03	5.25E-06	**1.21E-03**	**2.42E-04**
6895884144191	689588	4144191	RESIDENT	1.21E-03	5.30E-06	**1.22E-03**	**2.44E-04**
6895934144191	689593	4144191	RESIDENT	1.22E-03	5.36E-06	**1.23E-03**	**2.46E-04**
6895984144191	689598	4144191	RESIDENT	1.23E-03	5.41E-06	**1.24E-03**	**2.48E-04**
6896034144191	689603	4144191	RESIDENT	1.24E-03	5.47E-06	**1.25E-03**	**2.50E-04**
6896084144191	689608	4144191	RESIDENT	1.25E-03	5.52E-06	**1.26E-03**	**2.52E-04**
6896134144191	689613	4144191	RESIDENT	1.26E-03	5.58E-06	**1.27E-03**	**2.54E-04**
6896184144191	689618	4144191	RESIDENT	1.28E-03	5.64E-06	**1.28E-03**	**2.56E-04**
6896234144191	689623	4144191	RESIDENT	1.29E-03	5.70E-06	**1.29E-03**	**2.58E-04**
6896284144191	689628	4144191	RESIDENT	1.30E-03	5.76E-06	**1.30E-03**	**2.61E-04**
6896334144191	689633	4144191	RESIDENT	1.31E-03	5.82E-06	**1.32E-03**	**2.63E-04**
6896384144191	689638	4144191	RESIDENT	1.32E-03	5.88E-06	**1.33E-03**	**2.66E-04**
6896434144191	689643	4144191	RESIDENT	1.34E-03	5.94E-06	**1.34E-03**	**2.68E-04**
6896484144191	689648	4144191	RESIDENT	1.35E-03	6.01E-06	**1.36E-03**	**2.71E-04**
6894484144196	689448	4144196	RESIDENT	1.04E-03	4.09E-06	**1.05E-03**	**2.10E-04**
6894534144196	689453	4144196	RESIDENT	1.05E-03	4.13E-06	**1.05E-03**	**2.11E-04**
6894584144196	689458	4144196	RESIDENT	1.06E-03	4.16E-06	**1.06E-03**	**2.12E-04**
6894634144196	689463	4144196	RESIDENT	1.06E-03	4.20E-06	**1.07E-03**	**2.13E-04**
6894684144196	689468	4144196	RESIDENT	1.07E-03	4.24E-06	**1.07E-03**	**2.14E-04**
6894734144196	689473	4144196	RESIDENT	1.07E-03	4.28E-06	**1.08E-03**	**2.15E-04**
6894784144196	689478	4144196	RESIDENT	1.08E-03	4.32E-06	**1.08E-03**	**2.17E-04**
6894834144196	689483	4144196	RESIDENT	1.08E-03	4.36E-06	**1.09E-03**	**2.18E-04**
6894884144196	689488	4144196	RESIDENT	1.09E-03	4.40E-06	**1.10E-03**	**2.19E-04**
6894934144196	689493	4144196	RESIDENT	1.10E-03	4.44E-06	**1.10E-03**	**2.20E-04**
6894984144196	689498	4144196	RESIDENT	1.10E-03	4.48E-06	**1.11E-03**	**2.22E-04**
6895034144196	689503	4144196	RESIDENT	1.11E-03	4.52E-06	**1.11E-03**	**2.23E-04**
6895084144196	689508	4144196	RESIDENT	1.12E-03	4.56E-06	**1.12E-03**	**2.24E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895134144196	689513	4144196	RESIDENT	1.12E-03	4.60E-06	**1.13E-03**	**2.26E-04**
6895184144196	689518	4144196	RESIDENT	1.13E-03	4.65E-06	**1.14E-03**	**2.27E-04**
6895234144196	689523	4144196	RESIDENT	1.14E-03	4.69E-06	**1.14E-03**	**2.28E-04**
6895284144196	689528	4144196	RESIDENT	1.14E-03	4.74E-06	**1.15E-03**	**2.30E-04**
6895334144196	689533	4144196	RESIDENT	1.15E-03	4.78E-06	**1.16E-03**	**2.31E-04**
6895384144196	689538	4144196	RESIDENT	1.16E-03	4.83E-06	**1.16E-03**	**2.33E-04**
6895434144196	689543	4144196	RESIDENT	1.17E-03	4.87E-06	**1.17E-03**	**2.34E-04**
6895484144196	689548	4144196	RESIDENT	1.17E-03	4.92E-06	**1.18E-03**	**2.36E-04**
6895534144196	689553	4144196	RESIDENT	1.18E-03	4.97E-06	**1.19E-03**	**2.38E-04**
6895584144196	689558	4144196	RESIDENT	1.19E-03	5.02E-06	**1.20E-03**	**2.39E-04**
6895634144196	689563	4144196	RESIDENT	1.20E-03	5.06E-06	**1.20E-03**	**2.41E-04**
6895684144196	689568	4144196	RESIDENT	1.21E-03	5.11E-06	**1.21E-03**	**2.43E-04**
6895734144196	689573	4144196	RESIDENT	1.22E-03	5.17E-06	**1.22E-03**	**2.44E-04**
6895784144196	689578	4144196	RESIDENT	1.23E-03	5.22E-06	**1.23E-03**	**2.46E-04**
6895834144196	689583	4144196	RESIDENT	1.24E-03	5.27E-06	**1.24E-03**	**2.48E-04**
6895884144196	689588	4144196	RESIDENT	1.24E-03	5.32E-06	**1.25E-03**	**2.50E-04**
6895934144196	689593	4144196	RESIDENT	1.25E-03	5.38E-06	**1.26E-03**	**2.52E-04**
6895984144196	689598	4144196	RESIDENT	1.26E-03	5.43E-06	**1.27E-03**	**2.54E-04**
6896034144196	689603	4144196	RESIDENT	1.27E-03	5.49E-06	**1.28E-03**	**2.56E-04**
6896084144196	689608	4144196	RESIDENT	1.29E-03	5.54E-06	**1.29E-03**	**2.58E-04**
6896134144196	689613	4144196	RESIDENT	1.30E-03	5.60E-06	**1.30E-03**	**2.60E-04**
6896184144196	689618	4144196	RESIDENT	1.31E-03	5.66E-06	**1.31E-03**	**2.63E-04**
6896234144196	689623	4144196	RESIDENT	1.32E-03	5.72E-06	**1.33E-03**	**2.65E-04**
6896284144196	689628	4144196	RESIDENT	1.33E-03	5.78E-06	**1.34E-03**	**2.67E-04**
6896334144196	689633	4144196	RESIDENT	1.34E-03	5.84E-06	**1.35E-03**	**2.70E-04**
6896384144196	689638	4144196	RESIDENT	1.36E-03	5.90E-06	**1.36E-03**	**2.72E-04**
6896434144196	689643	4144196	RESIDENT	1.37E-03	5.96E-06	**1.38E-03**	**2.75E-04**
6896484144196	689648	4144196	RESIDENT	1.38E-03	6.03E-06	**1.39E-03**	**2.78E-04**
6894484144201	689448	4144201	RESIDENT	1.07E-03	4.11E-06	**1.08E-03**	**2.15E-04**
6894534144201	689453	4144201	RESIDENT	1.08E-03	4.14E-06	**1.08E-03**	**2.16E-04**
6894584144201	689458	4144201	RESIDENT	1.08E-03	4.18E-06	**1.09E-03**	**2.18E-04**
6894634144201	689463	4144201	RESIDENT	1.09E-03	4.22E-06	**1.09E-03**	**2.19E-04**
6894684144201	689468	4144201	RESIDENT	1.10E-03	4.26E-06	**1.10E-03**	**2.20E-04**
6894734144201	689473	4144201	RESIDENT	1.10E-03	4.29E-06	**1.11E-03**	**2.21E-04**
6894784144201	689478	4144201	RESIDENT	1.11E-03	4.33E-06	**1.11E-03**	**2.22E-04**
6894834144201	689483	4144201	RESIDENT	1.11E-03	4.37E-06	**1.12E-03**	**2.24E-04**
6894884144201	689488	4144201	RESIDENT	1.12E-03	4.41E-06	**1.13E-03**	**2.25E-04**
6894934144201	689493	4144201	RESIDENT	1.13E-03	4.45E-06	**1.13E-03**	**2.26E-04**
6894984144201	689498	4144201	RESIDENT	1.13E-03	4.49E-06	**1.14E-03**	**2.28E-04**
6895034144201	689503	4144201	RESIDENT	1.14E-03	4.54E-06	**1.15E-03**	**2.29E-04**
6895084144201	689508	4144201	RESIDENT	1.15E-03	4.58E-06	**1.15E-03**	**2.30E-04**
6895134144201	689513	4144201	RESIDENT	1.15E-03	4.62E-06	**1.16E-03**	**2.32E-04**
6895184144201	689518	4144201	RESIDENT	1.16E-03	4.66E-06	**1.17E-03**	**2.33E-04**
6895234144201	689523	4144201	RESIDENT	1.17E-03	4.71E-06	**1.17E-03**	**2.35E-04**
6895284144201	689528	4144201	RESIDENT	1.18E-03	4.75E-06	**1.18E-03**	**2.36E-04**
6895334144201	689533	4144201	RESIDENT	1.18E-03	4.80E-06	**1.19E-03**	**2.38E-04**
6895384144201	689538	4144201	RESIDENT	1.19E-03	4.84E-06	**1.20E-03**	**2.39E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895434144201	689543	4144201	RESIDENT	1.20E-03	4.89E-06	**1.20E-03**	**2.41E-04**
6895484144201	689548	4144201	RESIDENT	1.21E-03	4.94E-06	**1.21E-03**	**2.42E-04**
6895534144201	689553	4144201	RESIDENT	1.22E-03	4.99E-06	**1.22E-03**	**2.44E-04**
6895584144201	689558	4144201	RESIDENT	1.22E-03	5.03E-06	**1.23E-03**	**2.46E-04**
6895634144201	689563	4144201	RESIDENT	1.23E-03	5.08E-06	**1.24E-03**	**2.48E-04**
6895684144201	689568	4144201	RESIDENT	1.24E-03	5.13E-06	**1.25E-03**	**2.49E-04**
6895734144201	689573	4144201	RESIDENT	1.25E-03	5.18E-06	**1.26E-03**	**2.51E-04**
6895784144201	689578	4144201	RESIDENT	1.26E-03	5.23E-06	**1.26E-03**	**2.53E-04**
6895834144201	689583	4144201	RESIDENT	1.27E-03	5.29E-06	**1.27E-03**	**2.55E-04**
6895884144201	689588	4144201	RESIDENT	1.28E-03	5.34E-06	**1.28E-03**	**2.57E-04**
6895934144201	689593	4144201	RESIDENT	1.29E-03	5.39E-06	**1.29E-03**	**2.59E-04**
6895984144201	689598	4144201	RESIDENT	1.30E-03	5.45E-06	**1.30E-03**	**2.61E-04**
6896034144201	689603	4144201	RESIDENT	1.31E-03	5.50E-06	**1.31E-03**	**2.63E-04**
6896084144201	689608	4144201	RESIDENT	1.32E-03	5.56E-06	**1.33E-03**	**2.65E-04**
6896134144201	689613	4144201	RESIDENT	1.33E-03	5.62E-06	**1.34E-03**	**2.67E-04**
6896184144201	689618	4144201	RESIDENT	1.34E-03	5.68E-06	**1.35E-03**	**2.70E-04**
6896234144201	689623	4144201	RESIDENT	1.35E-03	5.73E-06	**1.36E-03**	**2.72E-04**
6896284144201	689628	4144201	RESIDENT	1.37E-03	5.79E-06	**1.37E-03**	**2.74E-04**
6896334144201	689633	4144201	RESIDENT	1.38E-03	5.86E-06	**1.38E-03**	**2.77E-04**
6896384144201	689638	4144201	RESIDENT	1.39E-03	5.92E-06	**1.40E-03**	**2.79E-04**
6896434144201	689643	4144201	RESIDENT	1.40E-03	5.98E-06	**1.41E-03**	**2.82E-04**
6896484144201	689648	4144201	RESIDENT	1.42E-03	6.05E-06	**1.42E-03**	**2.85E-04**
6894484144206	689448	4144206	RESIDENT	1.10E-03	4.12E-06	**1.11E-03**	**2.21E-04**
6894534144206	689453	4144206	RESIDENT	1.11E-03	4.16E-06	**1.11E-03**	**2.22E-04**
6894584144206	689458	4144206	RESIDENT	1.11E-03	4.20E-06	**1.12E-03**	**2.23E-04**
6894634144206	689463	4144206	RESIDENT	1.12E-03	4.23E-06	**1.12E-03**	**2.25E-04**
6894684144206	689468	4144206	RESIDENT	1.13E-03	4.27E-06	**1.13E-03**	**2.26E-04**
6894734144206	689473	4144206	RESIDENT	1.13E-03	4.31E-06	**1.14E-03**	**2.27E-04**
6894784144206	689478	4144206	RESIDENT	1.14E-03	4.35E-06	**1.14E-03**	**2.29E-04**
6894834144206	689483	4144206	RESIDENT	1.15E-03	4.39E-06	**1.15E-03**	**2.30E-04**
6894884144206	689488	4144206	RESIDENT	1.15E-03	4.43E-06	**1.16E-03**	**2.31E-04**
6894934144206	689493	4144206	RESIDENT	1.16E-03	4.47E-06	**1.16E-03**	**2.33E-04**
6894984144206	689498	4144206	RESIDENT	1.17E-03	4.51E-06	**1.17E-03**	**2.34E-04**
6895034144206	689503	4144206	RESIDENT	1.17E-03	4.55E-06	**1.18E-03**	**2.35E-04**
6895084144206	689508	4144206	RESIDENT	1.18E-03	4.60E-06	**1.18E-03**	**2.37E-04**
6895134144206	689513	4144206	RESIDENT	1.19E-03	4.64E-06	**1.19E-03**	**2.38E-04**
6895184144206	689518	4144206	RESIDENT	1.19E-03	4.68E-06	**1.20E-03**	**2.40E-04**
6895234144206	689523	4144206	RESIDENT	1.20E-03	4.73E-06	**1.21E-03**	**2.41E-04**
6895284144206	689528	4144206	RESIDENT	1.21E-03	4.77E-06	**1.21E-03**	**2.43E-04**
6895334144206	689533	4144206	RESIDENT	1.22E-03	4.82E-06	**1.22E-03**	**2.44E-04**
6895384144206	689538	4144206	RESIDENT	1.23E-03	4.86E-06	**1.23E-03**	**2.46E-04**
6895434144206	689543	4144206	RESIDENT	1.23E-03	4.91E-06	**1.24E-03**	**2.48E-04**
6895484144206	689548	4144206	RESIDENT	1.24E-03	4.95E-06	**1.25E-03**	**2.49E-04**
6895534144206	689553	4144206	RESIDENT	1.25E-03	5.00E-06	**1.25E-03**	**2.51E-04**
6895584144206	689558	4144206	RESIDENT	1.26E-03	5.05E-06	**1.26E-03**	**2.53E-04**
6895634144206	689563	4144206	RESIDENT	1.27E-03	5.10E-06	**1.27E-03**	**2.54E-04**
6895684144206	689568	4144206	RESIDENT	1.28E-03	5.15E-06	**1.28E-03**	**2.56E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895734144206	689573	4144206	RESIDENT	1.29E-03	5.20E-06	**1.29E-03**	**2.58E-04**
6895784144206	689578	4144206	RESIDENT	1.29E-03	5.25E-06	**1.30E-03**	**2.60E-04**
6895834144206	689583	4144206	RESIDENT	1.30E-03	5.30E-06	**1.31E-03**	**2.62E-04**
6895884144206	689588	4144206	RESIDENT	1.31E-03	5.36E-06	**1.32E-03**	**2.64E-04**
6895934144206	689593	4144206	RESIDENT	1.32E-03	5.41E-06	**1.33E-03**	**2.66E-04**
6895984144206	689598	4144206	RESIDENT	1.33E-03	5.47E-06	**1.34E-03**	**2.68E-04**
6896034144206	689603	4144206	RESIDENT	1.35E-03	5.52E-06	**1.35E-03**	**2.70E-04**
6896084144206	689608	4144206	RESIDENT	1.36E-03	5.58E-06	**1.36E-03**	**2.72E-04**
6896134144206	689613	4144206	RESIDENT	1.37E-03	5.64E-06	**1.37E-03**	**2.75E-04**
6896184144206	689618	4144206	RESIDENT	1.38E-03	5.69E-06	**1.38E-03**	**2.77E-04**
6896234144206	689623	4144206	RESIDENT	1.39E-03	5.75E-06	**1.40E-03**	**2.79E-04**
6896284144206	689628	4144206	RESIDENT	1.40E-03	5.81E-06	**1.41E-03**	**2.82E-04**
6896334144206	689633	4144206	RESIDENT	1.42E-03	5.87E-06	**1.42E-03**	**2.84E-04**
6896384144206	689638	4144206	RESIDENT	1.43E-03	5.94E-06	**1.43E-03**	**2.87E-04**
6896434144206	689643	4144206	RESIDENT	1.44E-03	6.00E-06	**1.45E-03**	**2.90E-04**
6896484144206	689648	4144206	RESIDENT	1.46E-03	6.06E-06	**1.46E-03**	**2.92E-04**
6894484144211	689448	4144211	RESIDENT	1.13E-03	4.14E-06	**1.13E-03**	**2.27E-04**
6894534144211	689453	4144211	RESIDENT	1.14E-03	4.18E-06	**1.14E-03**	**2.28E-04**
6894584144211	689458	4144211	RESIDENT	1.14E-03	4.21E-06	**1.15E-03**	**2.30E-04**
6894634144211	689463	4144211	RESIDENT	1.15E-03	4.25E-06	**1.15E-03**	**2.31E-04**
6894684144211	689468	4144211	RESIDENT	1.16E-03	4.29E-06	**1.16E-03**	**2.32E-04**
6894734144211	689473	4144211	RESIDENT	1.16E-03	4.33E-06	**1.17E-03**	**2.33E-04**
6894784144211	689478	4144211	RESIDENT	1.17E-03	4.37E-06	**1.17E-03**	**2.35E-04**
6894834144211	689483	4144211	RESIDENT	1.18E-03	4.41E-06	**1.18E-03**	**2.36E-04**
6894884144211	689488	4144211	RESIDENT	1.18E-03	4.45E-06	**1.19E-03**	**2.38E-04**
6894934144211	689493	4144211	RESIDENT	1.19E-03	4.49E-06	**1.20E-03**	**2.39E-04**
6894984144211	689498	4144211	RESIDENT	1.20E-03	4.53E-06	**1.20E-03**	**2.41E-04**
6895034144211	689503	4144211	RESIDENT	1.21E-03	4.57E-06	**1.21E-03**	**2.42E-04**
6895084144211	689508	4144211	RESIDENT	1.21E-03	4.61E-06	**1.22E-03**	**2.43E-04**
6895134144211	689513	4144211	RESIDENT	1.22E-03	4.65E-06	**1.22E-03**	**2.45E-04**
6895184144211	689518	4144211	RESIDENT	1.23E-03	4.70E-06	**1.23E-03**	**2.47E-04**
6895234144211	689523	4144211	RESIDENT	1.24E-03	4.74E-06	**1.24E-03**	**2.48E-04**
6895284144211	689528	4144211	RESIDENT	1.24E-03	4.79E-06	**1.25E-03**	**2.50E-04**
6895334144211	689533	4144211	RESIDENT	1.25E-03	4.83E-06	**1.26E-03**	**2.51E-04**
6895384144211	689538	4144211	RESIDENT	1.26E-03	4.88E-06	**1.26E-03**	**2.53E-04**
6895434144211	689543	4144211	RESIDENT	1.27E-03	4.92E-06	**1.27E-03**	**2.55E-04**
6895484144211	689548	4144211	RESIDENT	1.28E-03	4.97E-06	**1.28E-03**	**2.56E-04**
6895534144211	689553	4144211	RESIDENT	1.29E-03	5.02E-06	**1.29E-03**	**2.58E-04**
6895584144211	689558	4144211	RESIDENT	1.29E-03	5.07E-06	**1.30E-03**	**2.60E-04**
6895634144211	689563	4144211	RESIDENT	1.30E-03	5.12E-06	**1.31E-03**	**2.62E-04**
6895684144211	689568	4144211	RESIDENT	1.31E-03	5.17E-06	**1.32E-03**	**2.64E-04**
6895734144211	689573	4144211	RESIDENT	1.32E-03	5.22E-06	**1.33E-03**	**2.66E-04**
6895784144211	689578	4144211	RESIDENT	1.33E-03	5.27E-06	**1.34E-03**	**2.67E-04**
6895834144211	689583	4144211	RESIDENT	1.34E-03	5.32E-06	**1.35E-03**	**2.69E-04**
6895884144211	689588	4144211	RESIDENT	1.35E-03	5.38E-06	**1.36E-03**	**2.71E-04**
6895934144211	689593	4144211	RESIDENT	1.36E-03	5.43E-06	**1.37E-03**	**2.74E-04**
6895984144211	689598	4144211	RESIDENT	1.37E-03	5.48E-06	**1.38E-03**	**2.76E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896034144211	689603	4144211	RESIDENT	1.38E-03	5.54E-06	**1.39E-03**	**2.78E-04**
6896084144211	689608	4144211	RESIDENT	1.40E-03	5.60E-06	**1.40E-03**	**2.80E-04**
6896134144211	689613	4144211	RESIDENT	1.41E-03	5.65E-06	**1.41E-03**	**2.82E-04**
6896184144211	689618	4144211	RESIDENT	1.42E-03	5.71E-06	**1.42E-03**	**2.85E-04**
6896234144211	689623	4144211	RESIDENT	1.43E-03	5.77E-06	**1.44E-03**	**2.87E-04**
6896284144211	689628	4144211	RESIDENT	1.44E-03	5.83E-06	**1.45E-03**	**2.90E-04**
6896334144211	689633	4144211	RESIDENT	1.46E-03	5.89E-06	**1.46E-03**	**2.92E-04**
6896384144211	689638	4144211	RESIDENT	1.47E-03	5.95E-06	**1.47E-03**	**2.95E-04**
6896434144211	689643	4144211	RESIDENT	1.48E-03	6.02E-06	**1.49E-03**	**2.98E-04**
6896484144211	689648	4144211	RESIDENT	1.50E-03	6.08E-06	**1.50E-03**	**3.01E-04**
6894484144216	689448	4144216	RESIDENT	1.16E-03	4.16E-06	**1.17E-03**	**2.33E-04**
6894534144216	689453	4144216	RESIDENT	1.17E-03	4.19E-06	**1.17E-03**	**2.34E-04**
6894584144216	689458	4144216	RESIDENT	1.17E-03	4.23E-06	**1.18E-03**	**2.36E-04**
6894634144216	689463	4144216	RESIDENT	1.18E-03	4.27E-06	**1.19E-03**	**2.37E-04**
6894684144216	689468	4144216	RESIDENT	1.19E-03	4.31E-06	**1.19E-03**	**2.38E-04**
6894734144216	689473	4144216	RESIDENT	1.20E-03	4.34E-06	**1.20E-03**	**2.40E-04**
6894784144216	689478	4144216	RESIDENT	1.20E-03	4.38E-06	**1.21E-03**	**2.41E-04**
6894834144216	689483	4144216	RESIDENT	1.21E-03	4.42E-06	**1.21E-03**	**2.43E-04**
6894884144216	689488	4144216	RESIDENT	1.22E-03	4.46E-06	**1.22E-03**	**2.44E-04**
6894934144216	689493	4144216	RESIDENT	1.22E-03	4.50E-06	**1.23E-03**	**2.46E-04**
6894984144216	689498	4144216	RESIDENT	1.23E-03	4.54E-06	**1.24E-03**	**2.47E-04**
6895034144216	689503	4144216	RESIDENT	1.24E-03	4.59E-06	**1.24E-03**	**2.49E-04**
6895084144216	689508	4144216	RESIDENT	1.25E-03	4.63E-06	**1.25E-03**	**2.50E-04**
6895134144216	689513	4144216	RESIDENT	1.26E-03	4.67E-06	**1.26E-03**	**2.52E-04**
6895184144216	689518	4144216	RESIDENT	1.26E-03	4.72E-06	**1.27E-03**	**2.54E-04**
6895234144216	689523	4144216	RESIDENT	1.27E-03	4.76E-06	**1.28E-03**	**2.55E-04**
6895284144216	689528	4144216	RESIDENT	1.28E-03	4.80E-06	**1.28E-03**	**2.57E-04**
6895334144216	689533	4144216	RESIDENT	1.29E-03	4.85E-06	**1.29E-03**	**2.59E-04**
6895384144216	689538	4144216	RESIDENT	1.30E-03	4.89E-06	**1.30E-03**	**2.60E-04**
6895434144216	689543	4144216	RESIDENT	1.31E-03	4.94E-06	**1.31E-03**	**2.62E-04**
6895484144216	689548	4144216	RESIDENT	1.31E-03	4.99E-06	**1.32E-03**	**2.64E-04**
6895534144216	689553	4144216	RESIDENT	1.32E-03	5.04E-06	**1.33E-03**	**2.66E-04**
6895584144216	689558	4144216	RESIDENT	1.33E-03	5.09E-06	**1.34E-03**	**2.68E-04**
6895634144216	689563	4144216	RESIDENT	1.34E-03	5.13E-06	**1.35E-03**	**2.69E-04**
6895684144216	689568	4144216	RESIDENT	1.35E-03	5.18E-06	**1.36E-03**	**2.71E-04**
6895734144216	689573	4144216	RESIDENT	1.36E-03	5.24E-06	**1.37E-03**	**2.73E-04**
6895784144216	689578	4144216	RESIDENT	1.37E-03	5.29E-06	**1.38E-03**	**2.75E-04**
6895834144216	689583	4144216	RESIDENT	1.38E-03	5.34E-06	**1.39E-03**	**2.77E-04**
6895884144216	689588	4144216	RESIDENT	1.39E-03	5.39E-06	**1.40E-03**	**2.79E-04**
6895934144216	689593	4144216	RESIDENT	1.40E-03	5.45E-06	**1.41E-03**	**2.82E-04**
6895984144216	689598	4144216	RESIDENT	1.41E-03	5.50E-06	**1.42E-03**	**2.84E-04**
6896034144216	689603	4144216	RESIDENT	1.42E-03	5.56E-06	**1.43E-03**	**2.86E-04**
6896084144216	689608	4144216	RESIDENT	1.44E-03	5.61E-06	**1.44E-03**	**2.88E-04**
6896134144216	689613	4144216	RESIDENT	1.45E-03	5.67E-06	**1.45E-03**	**2.91E-04**
6896184144216	689618	4144216	RESIDENT	1.46E-03	5.73E-06	**1.47E-03**	**2.93E-04**
6896234144216	689623	4144216	RESIDENT	1.47E-03	5.79E-06	**1.48E-03**	**2.96E-04**
6896284144216	689628	4144216	RESIDENT	1.49E-03	5.85E-06	**1.49E-03**	**2.98E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896334144216	689633	4144216	RESIDENT	1.50E-03	5.91E-06	**1.50E-03**	**3.01E-04**
6896384144216	689638	4144216	RESIDENT	1.51E-03	5.97E-06	**1.52E-03**	**3.04E-04**
6896434144216	689643	4144216	RESIDENT	1.53E-03	6.04E-06	**1.53E-03**	**3.06E-04**
6896484144216	689648	4144216	RESIDENT	1.54E-03	6.10E-06	**1.55E-03**	**3.09E-04**
6894484144221	689448	4144221	RESIDENT	1.19E-03	4.17E-06	**1.20E-03**	**2.39E-04**
6894534144221	689453	4144221	RESIDENT	1.20E-03	4.21E-06	**1.20E-03**	**2.41E-04**
6894584144221	689458	4144221	RESIDENT	1.21E-03	4.25E-06	**1.21E-03**	**2.42E-04**
6894634144221	689463	4144221	RESIDENT	1.21E-03	4.28E-06	**1.22E-03**	**2.44E-04**
6894684144221	689468	4144221	RESIDENT	1.22E-03	4.32E-06	**1.23E-03**	**2.45E-04**
6894734144221	689473	4144221	RESIDENT	1.23E-03	4.36E-06	**1.23E-03**	**2.47E-04**
6894784144221	689478	4144221	RESIDENT	1.24E-03	4.40E-06	**1.24E-03**	**2.48E-04**
6894834144221	689483	4144221	RESIDENT	1.24E-03	4.44E-06	**1.25E-03**	**2.50E-04**
6894884144221	689488	4144221	RESIDENT	1.25E-03	4.48E-06	**1.26E-03**	**2.51E-04**
6894934144221	689493	4144221	RESIDENT	1.26E-03	4.52E-06	**1.26E-03**	**2.53E-04**
6894984144221	689498	4144221	RESIDENT	1.27E-03	4.56E-06	**1.27E-03**	**2.54E-04**
6895034144221	689503	4144221	RESIDENT	1.27E-03	4.60E-06	**1.28E-03**	**2.56E-04**
6895084144221	689508	4144221	RESIDENT	1.28E-03	4.65E-06	**1.29E-03**	**2.58E-04**
6895134144221	689513	4144221	RESIDENT	1.29E-03	4.69E-06	**1.30E-03**	**2.59E-04**
6895184144221	689518	4144221	RESIDENT	1.30E-03	4.73E-06	**1.30E-03**	**2.61E-04**
6895234144221	689523	4144221	RESIDENT	1.31E-03	4.78E-06	**1.31E-03**	**2.63E-04**
6895284144221	689528	4144221	RESIDENT	1.32E-03	4.82E-06	**1.32E-03**	**2.64E-04**
6895334144221	689533	4144221	RESIDENT	1.33E-03	4.87E-06	**1.33E-03**	**2.66E-04**
6895384144221	689538	4144221	RESIDENT	1.33E-03	4.91E-06	**1.34E-03**	**2.68E-04**
6895434144221	689543	4144221	RESIDENT	1.34E-03	4.96E-06	**1.35E-03**	**2.70E-04**
6895484144221	689548	4144221	RESIDENT	1.35E-03	5.01E-06	**1.36E-03**	**2.72E-04**
6895534144221	689553	4144221	RESIDENT	1.36E-03	5.05E-06	**1.37E-03**	**2.73E-04**
6895584144221	689558	4144221	RESIDENT	1.37E-03	5.10E-06	**1.38E-03**	**2.75E-04**
6895634144221	689563	4144221	RESIDENT	1.38E-03	5.15E-06	**1.39E-03**	**2.77E-04**
6895684144221	689568	4144221	RESIDENT	1.39E-03	5.20E-06	**1.40E-03**	**2.79E-04**
6895734144221	689573	4144221	RESIDENT	1.40E-03	5.25E-06	**1.41E-03**	**2.81E-04**
6895784144221	689578	4144221	RESIDENT	1.41E-03	5.30E-06	**1.42E-03**	**2.83E-04**
6895834144221	689583	4144221	RESIDENT	1.42E-03	5.36E-06	**1.43E-03**	**2.86E-04**
6895884144221	689588	4144221	RESIDENT	1.43E-03	5.41E-06	**1.44E-03**	**2.88E-04**
6895934144221	689593	4144221	RESIDENT	1.44E-03	5.46E-06	**1.45E-03**	**2.90E-04**
6895984144221	689598	4144221	RESIDENT	1.46E-03	5.52E-06	**1.46E-03**	**2.92E-04**
6896034144221	689603	4144221	RESIDENT	1.47E-03	5.57E-06	**1.47E-03**	**2.95E-04**
6896084144221	689608	4144221	RESIDENT	1.48E-03	5.63E-06	**1.49E-03**	**2.97E-04**
6896134144221	689613	4144221	RESIDENT	1.49E-03	5.69E-06	**1.50E-03**	**2.99E-04**
6896184144221	689618	4144221	RESIDENT	1.50E-03	5.75E-06	**1.51E-03**	**3.02E-04**
6896234144221	689623	4144221	RESIDENT	1.52E-03	5.81E-06	**1.52E-03**	**3.04E-04**
6896284144221	689628	4144221	RESIDENT	1.53E-03	5.87E-06	**1.54E-03**	**3.07E-04**
6896334144221	689633	4144221	RESIDENT	1.54E-03	5.93E-06	**1.55E-03**	**3.10E-04**
6896384144221	689638	4144221	RESIDENT	1.56E-03	5.99E-06	**1.56E-03**	**3.13E-04**
6896434144221	689643	4144221	RESIDENT	1.57E-03	6.05E-06	**1.58E-03**	**3.15E-04**
6896484144221	689648	4144221	RESIDENT	1.59E-03	6.12E-06	**1.59E-03**	**3.18E-04**
6894484144226	689448	4144226	RESIDENT	1.22E-03	4.19E-06	**1.23E-03**	**2.46E-04**
6894534144226	689453	4144226	RESIDENT	1.23E-03	4.22E-06	**1.24E-03**	**2.47E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6894584144226	689458	4144226	RESIDENT	1.24E-03	4.26E-06	**1.24E-03**	**2.49E-04**
6894634144226	689463	4144226	RESIDENT	1.25E-03	4.30E-06	**1.25E-03**	**2.50E-04**
6894684144226	689468	4144226	RESIDENT	1.25E-03	4.34E-06	**1.26E-03**	**2.52E-04**
6894734144226	689473	4144226	RESIDENT	1.26E-03	4.38E-06	**1.27E-03**	**2.53E-04**
6894784144226	689478	4144226	RESIDENT	1.27E-03	4.42E-06	**1.27E-03**	**2.55E-04**
6894834144226	689483	4144226	RESIDENT	1.28E-03	4.45E-06	**1.28E-03**	**2.57E-04**
6894884144226	689488	4144226	RESIDENT	1.29E-03	4.49E-06	**1.29E-03**	**2.58E-04**
6894934144226	689493	4144226	RESIDENT	1.29E-03	4.54E-06	**1.30E-03**	**2.60E-04**
6894984144226	689498	4144226	RESIDENT	1.30E-03	4.58E-06	**1.31E-03**	**2.61E-04**
6895034144226	689503	4144226	RESIDENT	1.31E-03	4.62E-06	**1.32E-03**	**2.63E-04**
6895084144226	689508	4144226	RESIDENT	1.32E-03	4.66E-06	**1.32E-03**	**2.65E-04**
6895134144226	689513	4144226	RESIDENT	1.33E-03	4.70E-06	**1.33E-03**	**2.67E-04**
6895184144226	689518	4144226	RESIDENT	1.34E-03	4.75E-06	**1.34E-03**	**2.68E-04**
6895234144226	689523	4144226	RESIDENT	1.35E-03	4.79E-06	**1.35E-03**	**2.70E-04**
6895284144226	689528	4144226	RESIDENT	1.36E-03	4.84E-06	**1.36E-03**	**2.72E-04**
6895334144226	689533	4144226	RESIDENT	1.36E-03	4.88E-06	**1.37E-03**	**2.74E-04**
6895384144226	689538	4144226	RESIDENT	1.37E-03	4.93E-06	**1.38E-03**	**2.76E-04**
6895434144226	689543	4144226	RESIDENT	1.38E-03	4.97E-06	**1.39E-03**	**2.78E-04**
6895484144226	689548	4144226	RESIDENT	1.39E-03	5.02E-06	**1.40E-03**	**2.80E-04**
6895534144226	689553	4144226	RESIDENT	1.40E-03	5.07E-06	**1.41E-03**	**2.82E-04**
6895584144226	689558	4144226	RESIDENT	1.41E-03	5.12E-06	**1.42E-03**	**2.84E-04**
6895634144226	689563	4144226	RESIDENT	1.42E-03	5.17E-06	**1.43E-03**	**2.86E-04**
6895684144226	689568	4144226	RESIDENT	1.43E-03	5.22E-06	**1.44E-03**	**2.88E-04**
6895734144226	689573	4144226	RESIDENT	1.44E-03	5.27E-06	**1.45E-03**	**2.90E-04**
6895784144226	689578	4144226	RESIDENT	1.46E-03	5.32E-06	**1.46E-03**	**2.92E-04**
6895834144226	689583	4144226	RESIDENT	1.47E-03	5.37E-06	**1.47E-03**	**2.94E-04**
6895884144226	689588	4144226	RESIDENT	1.48E-03	5.43E-06	**1.48E-03**	**2.97E-04**
6895934144226	689593	4144226	RESIDENT	1.49E-03	5.48E-06	**1.49E-03**	**2.99E-04**
6895984144226	689598	4144226	RESIDENT	1.50E-03	5.54E-06	**1.51E-03**	**3.01E-04**
6896034144226	689603	4144226	RESIDENT	1.51E-03	5.59E-06	**1.52E-03**	**3.04E-04**
6896084144226	689608	4144226	RESIDENT	1.52E-03	5.65E-06	**1.53E-03**	**3.06E-04**
6896134144226	689613	4144226	RESIDENT	1.54E-03	5.71E-06	**1.54E-03**	**3.09E-04**
6896184144226	689618	4144226	RESIDENT	1.55E-03	5.76E-06	**1.56E-03**	**3.11E-04**
6896234144226	689623	4144226	RESIDENT	1.56E-03	5.82E-06	**1.57E-03**	**3.14E-04**
6896284144226	689628	4144226	RESIDENT	1.58E-03	5.88E-06	**1.58E-03**	**3.16E-04**
6896334144226	689633	4144226	RESIDENT	1.59E-03	5.95E-06	**1.60E-03**	**3.19E-04**
6896384144226	689638	4144226	RESIDENT	1.60E-03	6.01E-06	**1.61E-03**	**3.22E-04**
6896434144226	689643	4144226	RESIDENT	1.62E-03	6.07E-06	**1.63E-03**	**3.25E-04**
6896484144226	689648	4144226	RESIDENT	1.63E-03	6.14E-06	**1.64E-03**	**3.28E-04**
6894484144231	689448	4144231	RESIDENT	1.26E-03	4.20E-06	**1.26E-03**	**2.52E-04**
6894534144231	689453	4144231	RESIDENT	1.26E-03	4.24E-06	**1.27E-03**	**2.54E-04**
6894584144231	689458	4144231	RESIDENT	1.27E-03	4.28E-06	**1.28E-03**	**2.55E-04**
6894634144231	689463	4144231	RESIDENT	1.28E-03	4.31E-06	**1.28E-03**	**2.57E-04**
6894684144231	689468	4144231	RESIDENT	1.29E-03	4.35E-06	**1.29E-03**	**2.59E-04**
6894734144231	689473	4144231	RESIDENT	1.30E-03	4.39E-06	**1.30E-03**	**2.60E-04**
6894784144231	689478	4144231	RESIDENT	1.31E-03	4.43E-06	**1.31E-03**	**2.62E-04**
6894834144231	689483	4144231	RESIDENT	1.31E-03	4.47E-06	**1.32E-03**	**2.64E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6894884144231	689488	4144231	RESIDENT	1.32E-03	4.51E-06	**1.33E-03**	**2.65E-04**
6894934144231	689493	4144231	RESIDENT	1.33E-03	4.55E-06	**1.34E-03**	**2.67E-04**
6894984144231	689498	4144231	RESIDENT	1.34E-03	4.59E-06	**1.34E-03**	**2.69E-04**
6895034144231	689503	4144231	RESIDENT	1.35E-03	4.63E-06	**1.35E-03**	**2.71E-04**
6895084144231	689508	4144231	RESIDENT	1.36E-03	4.68E-06	**1.36E-03**	**2.73E-04**
6895134144231	689513	4144231	RESIDENT	1.37E-03	4.72E-06	**1.37E-03**	**2.74E-04**
6895184144231	689518	4144231	RESIDENT	1.38E-03	4.76E-06	**1.38E-03**	**2.76E-04**
6895234144231	689523	4144231	RESIDENT	1.39E-03	4.81E-06	**1.39E-03**	**2.78E-04**
6895284144231	689528	4144231	RESIDENT	1.40E-03	4.85E-06	**1.40E-03**	**2.80E-04**
6895334144231	689533	4144231	RESIDENT	1.40E-03	4.90E-06	**1.41E-03**	**2.82E-04**
6895384144231	689538	4144231	RESIDENT	1.41E-03	4.94E-06	**1.42E-03**	**2.84E-04**
6895434144231	689543	4144231	RESIDENT	1.42E-03	4.99E-06	**1.43E-03**	**2.86E-04**
6895484144231	689548	4144231	RESIDENT	1.44E-03	5.04E-06	**1.44E-03**	**2.88E-04**
6895534144231	689553	4144231	RESIDENT	1.45E-03	5.09E-06	**1.45E-03**	**2.90E-04**
6895584144231	689558	4144231	RESIDENT	1.46E-03	5.13E-06	**1.46E-03**	**2.92E-04**
6895634144231	689563	4144231	RESIDENT	1.47E-03	5.18E-06	**1.47E-03**	**2.94E-04**
6895684144231	689568	4144231	RESIDENT	1.48E-03	5.23E-06	**1.48E-03**	**2.97E-04**
6895734144231	689573	4144231	RESIDENT	1.49E-03	5.29E-06	**1.49E-03**	**2.99E-04**
6895784144231	689578	4144231	RESIDENT	1.50E-03	5.34E-06	**1.50E-03**	**3.01E-04**
6895834144231	689583	4144231	RESIDENT	1.51E-03	5.39E-06	**1.52E-03**	**3.03E-04**
6895884144231	689588	4144231	RESIDENT	1.52E-03	5.44E-06	**1.53E-03**	**3.06E-04**
6895934144231	689593	4144231	RESIDENT	1.53E-03	5.50E-06	**1.54E-03**	**3.08E-04**
6895984144231	689598	4144231	RESIDENT	1.55E-03	5.55E-06	**1.55E-03**	**3.11E-04**
6896034144231	689603	4144231	RESIDENT	1.56E-03	5.61E-06	**1.57E-03**	**3.13E-04**
6896084144231	689608	4144231	RESIDENT	1.57E-03	5.66E-06	**1.58E-03**	**3.16E-04**
6896134144231	689613	4144231	RESIDENT	1.59E-03	5.72E-06	**1.59E-03**	**3.18E-04**
6896184144231	689618	4144231	RESIDENT	1.60E-03	5.78E-06	**1.60E-03**	**3.21E-04**
6896234144231	689623	4144231	RESIDENT	1.61E-03	5.84E-06	**1.62E-03**	**3.24E-04**
6896284144231	689628	4144231	RESIDENT	1.63E-03	5.90E-06	**1.63E-03**	**3.26E-04**
6896334144231	689633	4144231	RESIDENT	1.64E-03	5.96E-06	**1.65E-03**	**3.29E-04**
6896384144231	689638	4144231	RESIDENT	1.65E-03	6.02E-06	**1.66E-03**	**3.32E-04**
6896434144231	689643	4144231	RESIDENT	1.67E-03	6.09E-06	**1.68E-03**	**3.35E-04**
6896484144231	689648	4144231	RESIDENT	1.69E-03	6.15E-06	**1.69E-03**	**3.38E-04**
6894484144236	689448	4144236	RESIDENT	1.29E-03	4.22E-06	**1.29E-03**	**2.59E-04**
6894534144236	689453	4144236	RESIDENT	1.30E-03	4.26E-06	**1.30E-03**	**2.61E-04**
6894584144236	689458	4144236	RESIDENT	1.31E-03	4.29E-06	**1.31E-03**	**2.62E-04**
6894634144236	689463	4144236	RESIDENT	1.32E-03	4.33E-06	**1.32E-03**	**2.64E-04**
6894684144236	689468	4144236	RESIDENT	1.32E-03	4.37E-06	**1.33E-03**	**2.66E-04**
6894734144236	689473	4144236	RESIDENT	1.33E-03	4.41E-06	**1.34E-03**	**2.67E-04**
6894784144236	689478	4144236	RESIDENT	1.34E-03	4.45E-06	**1.35E-03**	**2.69E-04**
6894834144236	689483	4144236	RESIDENT	1.35E-03	4.49E-06	**1.35E-03**	**2.71E-04**
6894884144236	689488	4144236	RESIDENT	1.36E-03	4.53E-06	**1.36E-03**	**2.73E-04**
6894934144236	689493	4144236	RESIDENT	1.37E-03	4.57E-06	**1.37E-03**	**2.75E-04**
6894984144236	689498	4144236	RESIDENT	1.38E-03	4.61E-06	**1.38E-03**	**2.77E-04**
6895034144236	689503	4144236	RESIDENT	1.39E-03	4.65E-06	**1.39E-03**	**2.78E-04**
6895084144236	689508	4144236	RESIDENT	1.40E-03	4.69E-06	**1.40E-03**	**2.80E-04**
6895134144236	689513	4144236	RESIDENT	1.41E-03	4.74E-06	**1.41E-03**	**2.82E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895184144236	689518	4144236	RESIDENT	1.42E-03	4.78E-06	**1.42E-03**	**2.84E-04**
6895234144236	689523	4144236	RESIDENT	1.43E-03	4.82E-06	**1.43E-03**	**2.86E-04**
6895284144236	689528	4144236	RESIDENT	1.44E-03	4.87E-06	**1.44E-03**	**2.88E-04**
6895334144236	689533	4144236	RESIDENT	1.45E-03	4.91E-06	**1.45E-03**	**2.90E-04**
6895384144236	689538	4144236	RESIDENT	1.46E-03	4.96E-06	**1.46E-03**	**2.92E-04**
6895434144236	689543	4144236	RESIDENT	1.47E-03	5.01E-06	**1.47E-03**	**2.94E-04**
6895484144236	689548	4144236	RESIDENT	1.48E-03	5.05E-06	**1.48E-03**	**2.97E-04**
6895534144236	689553	4144236	RESIDENT	1.49E-03	5.10E-06	**1.49E-03**	**2.99E-04**
6895584144236	689558	4144236	RESIDENT	1.50E-03	5.15E-06	**1.51E-03**	**3.01E-04**
6895634144236	689563	4144236	RESIDENT	1.51E-03	5.20E-06	**1.52E-03**	**3.03E-04**
6895684144236	689568	4144236	RESIDENT	1.52E-03	5.25E-06	**1.53E-03**	**3.06E-04**
6895734144236	689573	4144236	RESIDENT	1.53E-03	5.30E-06	**1.54E-03**	**3.08E-04**
6895784144236	689578	4144236	RESIDENT	1.55E-03	5.35E-06	**1.55E-03**	**3.10E-04**
6895834144236	689583	4144236	RESIDENT	1.56E-03	5.41E-06	**1.56E-03**	**3.13E-04**
6895884144236	689588	4144236	RESIDENT	1.57E-03	5.46E-06	**1.58E-03**	**3.15E-04**
6895934144236	689593	4144236	RESIDENT	1.58E-03	5.51E-06	**1.59E-03**	**3.18E-04**
6895984144236	689598	4144236	RESIDENT	1.60E-03	5.57E-06	**1.60E-03**	**3.20E-04**
6896034144236	689603	4144236	RESIDENT	1.61E-03	5.62E-06	**1.61E-03**	**3.23E-04**
6896084144236	689608	4144236	RESIDENT	1.62E-03	5.68E-06	**1.63E-03**	**3.26E-04**
6896134144236	689613	4144236	RESIDENT	1.64E-03	5.74E-06	**1.64E-03**	**3.28E-04**
6896184144236	689618	4144236	RESIDENT	1.65E-03	5.80E-06	**1.66E-03**	**3.31E-04**
6896234144236	689623	4144236	RESIDENT	1.66E-03	5.86E-06	**1.67E-03**	**3.34E-04**
6896284144236	689628	4144236	RESIDENT	1.68E-03	5.92E-06	**1.68E-03**	**3.37E-04**
6896334144236	689633	4144236	RESIDENT	1.69E-03	5.98E-06	**1.70E-03**	**3.40E-04**
6896384144236	689638	4144236	RESIDENT	1.71E-03	6.04E-06	**1.71E-03**	**3.43E-04**
6896434144236	689643	4144236	RESIDENT	1.72E-03	6.10E-06	**1.73E-03**	**3.46E-04**
6896484144236	689648	4144236	RESIDENT	1.74E-03	6.17E-06	**1.75E-03**	**3.49E-04**
6894484144241	689448	4144241	RESIDENT	1.32E-03	4.23E-06	**1.33E-03**	**2.66E-04**
6894534144241	689453	4144241	RESIDENT	1.33E-03	4.27E-06	**1.34E-03**	**2.67E-04**
6894584144241	689458	4144241	RESIDENT	1.34E-03	4.31E-06	**1.35E-03**	**2.69E-04**
6894634144241	689463	4144241	RESIDENT	1.35E-03	4.35E-06	**1.36E-03**	**2.71E-04**
6894684144241	689468	4144241	RESIDENT	1.36E-03	4.38E-06	**1.36E-03**	**2.73E-04**
6894734144241	689473	4144241	RESIDENT	1.37E-03	4.42E-06	**1.37E-03**	**2.75E-04**
6894784144241	689478	4144241	RESIDENT	1.38E-03	4.46E-06	**1.38E-03**	**2.77E-04**
6894834144241	689483	4144241	RESIDENT	1.39E-03	4.50E-06	**1.39E-03**	**2.79E-04**
6894884144241	689488	4144241	RESIDENT	1.40E-03	4.54E-06	**1.40E-03**	**2.80E-04**
6894934144241	689493	4144241	RESIDENT	1.41E-03	4.58E-06	**1.41E-03**	**2.82E-04**
6894984144241	689498	4144241	RESIDENT	1.42E-03	4.62E-06	**1.42E-03**	**2.84E-04**
6895034144241	689503	4144241	RESIDENT	1.43E-03	4.67E-06	**1.43E-03**	**2.86E-04**
6895084144241	689508	4144241	RESIDENT	1.44E-03	4.71E-06	**1.44E-03**	**2.88E-04**
6895134144241	689513	4144241	RESIDENT	1.45E-03	4.75E-06	**1.45E-03**	**2.90E-04**
6895184144241	689518	4144241	RESIDENT	1.46E-03	4.79E-06	**1.46E-03**	**2.93E-04**
6895234144241	689523	4144241	RESIDENT	1.47E-03	4.84E-06	**1.47E-03**	**2.95E-04**
6895284144241	689528	4144241	RESIDENT	1.48E-03	4.88E-06	**1.48E-03**	**2.97E-04**
6895334144241	689533	4144241	RESIDENT	1.49E-03	4.93E-06	**1.49E-03**	**2.99E-04**
6895384144241	689538	4144241	RESIDENT	1.50E-03	4.98E-06	**1.51E-03**	**3.01E-04**
6895434144241	689543	4144241	RESIDENT	1.51E-03	5.02E-06	**1.52E-03**	**3.03E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895484144241	689548	4144241	RESIDENT	1.52E-03	5.07E-06	**1.53E-03**	**3.06E-04**
6895534144241	689553	4144241	RESIDENT	1.53E-03	5.12E-06	**1.54E-03**	**3.08E-04**
6895584144241	689558	4144241	RESIDENT	1.55E-03	5.17E-06	**1.55E-03**	**3.10E-04**
6895634144241	689563	4144241	RESIDENT	1.56E-03	5.22E-06	**1.56E-03**	**3.13E-04**
6895684144241	689568	4144241	RESIDENT	1.57E-03	5.27E-06	**1.58E-03**	**3.15E-04**
6895734144241	689573	4144241	RESIDENT	1.58E-03	5.32E-06	**1.59E-03**	**3.18E-04**
6895784144241	689578	4144241	RESIDENT	1.59E-03	5.37E-06	**1.60E-03**	**3.20E-04**
6895834144241	689583	4144241	RESIDENT	1.61E-03	5.42E-06	**1.61E-03**	**3.23E-04**
6895884144241	689588	4144241	RESIDENT	1.62E-03	5.48E-06	**1.63E-03**	**3.25E-04**
6895934144241	689593	4144241	RESIDENT	1.63E-03	5.53E-06	**1.64E-03**	**3.28E-04**
6895984144241	689598	4144241	RESIDENT	1.65E-03	5.58E-06	**1.65E-03**	**3.30E-04**
6896034144241	689603	4144241	RESIDENT	1.66E-03	5.64E-06	**1.67E-03**	**3.33E-04**
6896084144241	689608	4144241	RESIDENT	1.67E-03	5.70E-06	**1.68E-03**	**3.36E-04**
6896134144241	689613	4144241	RESIDENT	1.69E-03	5.76E-06	**1.69E-03**	**3.39E-04**
6896184144241	689618	4144241	RESIDENT	1.70E-03	5.81E-06	**1.71E-03**	**3.42E-04**
6896234144241	689623	4144241	RESIDENT	1.72E-03	5.87E-06	**1.72E-03**	**3.45E-04**
6896284144241	689628	4144241	RESIDENT	1.73E-03	5.93E-06	**1.74E-03**	**3.48E-04**
6896334144241	689633	4144241	RESIDENT	1.75E-03	6.00E-06	**1.75E-03**	**3.51E-04**
6896384144241	689638	4144241	RESIDENT	1.76E-03	6.06E-06	**1.77E-03**	**3.54E-04**
6896434144241	689643	4144241	RESIDENT	1.78E-03	6.12E-06	**1.79E-03**	**3.57E-04**
6896484144241	689648	4144241	RESIDENT	1.80E-03	6.19E-06	**1.80E-03**	**3.61E-04**
6894484144246	689448	4144246	RESIDENT	1.36E-03	4.25E-06	**1.36E-03**	**2.73E-04**
6894534144246	689453	4144246	RESIDENT	1.37E-03	4.29E-06	**1.37E-03**	**2.74E-04**
6894584144246	689458	4144246	RESIDENT	1.38E-03	4.32E-06	**1.38E-03**	**2.76E-04**
6894634144246	689463	4144246	RESIDENT	1.39E-03	4.36E-06	**1.39E-03**	**2.78E-04**
6894684144246	689468	4144246	RESIDENT	1.40E-03	4.40E-06	**1.40E-03**	**2.80E-04**
6894734144246	689473	4144246	RESIDENT	1.41E-03	4.44E-06	**1.41E-03**	**2.82E-04**
6894784144246	689478	4144246	RESIDENT	1.42E-03	4.48E-06	**1.42E-03**	**2.84E-04**
6894834144246	689483	4144246	RESIDENT	1.43E-03	4.52E-06	**1.43E-03**	**2.86E-04**
6894884144246	689488	4144246	RESIDENT	1.44E-03	4.56E-06	**1.44E-03**	**2.88E-04**
6894934144246	689493	4144246	RESIDENT	1.45E-03	4.60E-06	**1.45E-03**	**2.90E-04**
6894984144246	689498	4144246	RESIDENT	1.46E-03	4.64E-06	**1.46E-03**	**2.92E-04**
6895034144246	689503	4144246	RESIDENT	1.47E-03	4.68E-06	**1.47E-03**	**2.94E-04**
6895084144246	689508	4144246	RESIDENT	1.48E-03	4.72E-06	**1.48E-03**	**2.97E-04**
6895134144246	689513	4144246	RESIDENT	1.49E-03	4.77E-06	**1.49E-03**	**2.99E-04**
6895184144246	689518	4144246	RESIDENT	1.50E-03	4.81E-06	**1.50E-03**	**3.01E-04**
6895234144246	689523	4144246	RESIDENT	1.51E-03	4.85E-06	**1.52E-03**	**3.03E-04**
6895284144246	689528	4144246	RESIDENT	1.52E-03	4.90E-06	**1.53E-03**	**3.05E-04**
6895334144246	689533	4144246	RESIDENT	1.53E-03	4.94E-06	**1.54E-03**	**3.08E-04**
6895384144246	689538	4144246	RESIDENT	1.55E-03	4.99E-06	**1.55E-03**	**3.10E-04**
6895434144246	689543	4144246	RESIDENT	1.56E-03	5.04E-06	**1.56E-03**	**3.12E-04**
6895484144246	689548	4144246	RESIDENT	1.57E-03	5.09E-06	**1.57E-03**	**3.15E-04**
6895534144246	689553	4144246	RESIDENT	1.58E-03	5.13E-06	**1.59E-03**	**3.17E-04**
6895584144246	689558	4144246	RESIDENT	1.59E-03	5.18E-06	**1.60E-03**	**3.20E-04**
6895634144246	689563	4144246	RESIDENT	1.61E-03	5.23E-06	**1.61E-03**	**3.22E-04**
6895684144246	689568	4144246	RESIDENT	1.62E-03	5.28E-06	**1.62E-03**	**3.25E-04**
6895734144246	689573	4144246	RESIDENT	1.63E-03	5.33E-06	**1.64E-03**	**3.27E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895784144246	689578	4144246	RESIDENT	1.64E-03	5.39E-06	**1.65E-03**	**3.30E-04**
6895834144246	689583	4144246	RESIDENT	1.66E-03	5.44E-06	**1.66E-03**	**3.33E-04**
6895884144246	689588	4144246	RESIDENT	1.67E-03	5.49E-06	**1.68E-03**	**3.35E-04**
6895934144246	689593	4144246	RESIDENT	1.69E-03	5.55E-06	**1.69E-03**	**3.38E-04**
6895984144246	689598	4144246	RESIDENT	1.70E-03	5.60E-06	**1.71E-03**	**3.41E-04**
6896034144246	689603	4144246	RESIDENT	1.71E-03	5.66E-06	**1.72E-03**	**3.44E-04**
6896084144246	689608	4144246	RESIDENT	1.73E-03	5.71E-06	**1.73E-03**	**3.47E-04**
6896134144246	689613	4144246	RESIDENT	1.74E-03	5.77E-06	**1.75E-03**	**3.50E-04**
6896184144246	689618	4144246	RESIDENT	1.76E-03	5.83E-06	**1.76E-03**	**3.53E-04**
6896234144246	689623	4144246	RESIDENT	1.77E-03	5.89E-06	**1.78E-03**	**3.56E-04**
6896284144246	689628	4144246	RESIDENT	1.79E-03	5.95E-06	**1.80E-03**	**3.59E-04**
6896334144246	689633	4144246	RESIDENT	1.81E-03	6.01E-06	**1.81E-03**	**3.62E-04**
6896384144246	689638	4144246	RESIDENT	1.82E-03	6.07E-06	**1.83E-03**	**3.66E-04**
6896434144246	689643	4144246	RESIDENT	1.84E-03	6.14E-06	**1.85E-03**	**3.69E-04**
6896484144246	689648	4144246	RESIDENT	1.86E-03	6.20E-06	**1.86E-03**	**3.73E-04**
6894484144251	689448	4144251	RESIDENT	1.39E-03	4.26E-06	**1.40E-03**	**2.80E-04**
6894534144251	689453	4144251	RESIDENT	1.40E-03	4.30E-06	**1.41E-03**	**2.82E-04**
6894584144251	689458	4144251	RESIDENT	1.41E-03	4.34E-06	**1.42E-03**	**2.84E-04**
6894634144251	689463	4144251	RESIDENT	1.42E-03	4.38E-06	**1.43E-03**	**2.86E-04**
6894684144251	689468	4144251	RESIDENT	1.43E-03	4.41E-06	**1.44E-03**	**2.88E-04**
6894734144251	689473	4144251	RESIDENT	1.44E-03	4.45E-06	**1.45E-03**	**2.90E-04**
6894784144251	689478	4144251	RESIDENT	1.45E-03	4.49E-06	**1.46E-03**	**2.92E-04**
6894834144251	689483	4144251	RESIDENT	1.47E-03	4.53E-06	**1.47E-03**	**2.94E-04**
6894884144251	689488	4144251	RESIDENT	1.48E-03	4.57E-06	**1.48E-03**	**2.96E-04**
6894934144251	689493	4144251	RESIDENT	1.49E-03	4.61E-06	**1.49E-03**	**2.98E-04**
6894984144251	689498	4144251	RESIDENT	1.50E-03	4.65E-06	**1.50E-03**	**3.01E-04**
6895034144251	689503	4144251	RESIDENT	1.51E-03	4.70E-06	**1.51E-03**	**3.03E-04**
6895084144251	689508	4144251	RESIDENT	1.52E-03	4.74E-06	**1.53E-03**	**3.05E-04**
6895134144251	689513	4144251	RESIDENT	1.53E-03	4.78E-06	**1.54E-03**	**3.07E-04**
6895184144251	689518	4144251	RESIDENT	1.54E-03	4.82E-06	**1.55E-03**	**3.10E-04**
6895234144251	689523	4144251	RESIDENT	1.56E-03	4.87E-06	**1.56E-03**	**3.12E-04**
6895284144251	689528	4144251	RESIDENT	1.57E-03	4.91E-06	**1.57E-03**	**3.14E-04**
6895334144251	689533	4144251	RESIDENT	1.58E-03	4.96E-06	**1.58E-03**	**3.17E-04**
6895384144251	689538	4144251	RESIDENT	1.59E-03	5.01E-06	**1.60E-03**	**3.19E-04**
6895434144251	689543	4144251	RESIDENT	1.60E-03	5.05E-06	**1.61E-03**	**3.22E-04**
6895484144251	689548	4144251	RESIDENT	1.62E-03	5.10E-06	**1.62E-03**	**3.24E-04**
6895534144251	689553	4144251	RESIDENT	1.63E-03	5.15E-06	**1.63E-03**	**3.27E-04**
6895584144251	689558	4144251	RESIDENT	1.64E-03	5.20E-06	**1.65E-03**	**3.29E-04**
6895634144251	689563	4144251	RESIDENT	1.66E-03	5.25E-06	**1.66E-03**	**3.32E-04**
6895684144251	689568	4144251	RESIDENT	1.67E-03	5.30E-06	**1.67E-03**	**3.35E-04**
6895734144251	689573	4144251	RESIDENT	1.68E-03	5.35E-06	**1.69E-03**	**3.38E-04**
6895784144251	689578	4144251	RESIDENT	1.70E-03	5.40E-06	**1.70E-03**	**3.40E-04**
6895834144251	689583	4144251	RESIDENT	1.71E-03	5.45E-06	**1.72E-03**	**3.43E-04**
6895884144251	689588	4144251	RESIDENT	1.72E-03	5.51E-06	**1.73E-03**	**3.46E-04**
6895934144251	689593	4144251	RESIDENT	1.74E-03	5.56E-06	**1.75E-03**	**3.49E-04**
6895984144251	689598	4144251	RESIDENT	1.75E-03	5.62E-06	**1.76E-03**	**3.52E-04**
6896034144251	689603	4144251	RESIDENT	1.77E-03	5.67E-06	**1.78E-03**	**3.55E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896084144251	689608	4144251	RESIDENT	1.78E-03	5.73E-06	**1.79E-03**	**3.58E-04**
6896134144251	689613	4144251	RESIDENT	1.80E-03	5.79E-06	**1.81E-03**	**3.61E-04**
6896184144251	689618	4144251	RESIDENT	1.82E-03	5.85E-06	**1.82E-03**	**3.64E-04**
6896234144251	689623	4144251	RESIDENT	1.83E-03	5.91E-06	**1.84E-03**	**3.68E-04**
6896284144251	689628	4144251	RESIDENT	1.85E-03	5.97E-06	**1.86E-03**	**3.71E-04**
6896334144251	689633	4144251	RESIDENT	1.87E-03	6.03E-06	**1.87E-03**	**3.74E-04**
6896384144251	689638	4144251	RESIDENT	1.88E-03	6.09E-06	**1.89E-03**	**3.78E-04**
6896434144251	689643	4144251	RESIDENT	1.90E-03	6.15E-06	**1.91E-03**	**3.82E-04**
6896484144251	689648	4144251	RESIDENT	1.92E-03	6.22E-06	**1.93E-03**	**3.85E-04**
6894534144256	689453	4144256	RESIDENT	1.44E-03	4.31E-06	**1.44E-03**	**2.89E-04**
6894584144256	689458	4144256	RESIDENT	1.45E-03	4.35E-06	**1.46E-03**	**2.91E-04**
6894634144256	689463	4144256	RESIDENT	1.46E-03	4.39E-06	**1.47E-03**	**2.93E-04**
6894684144256	689468	4144256	RESIDENT	1.47E-03	4.43E-06	**1.48E-03**	**2.95E-04**
6894734144256	689473	4144256	RESIDENT	1.48E-03	4.47E-06	**1.49E-03**	**2.97E-04**
6894784144256	689478	4144256	RESIDENT	1.49E-03	4.51E-06	**1.50E-03**	**3.00E-04**
6894834144256	689483	4144256	RESIDENT	1.51E-03	4.55E-06	**1.51E-03**	**3.02E-04**
6894884144256	689488	4144256	RESIDENT	1.52E-03	4.59E-06	**1.52E-03**	**3.04E-04**
6894934144256	689493	4144256	RESIDENT	1.53E-03	4.63E-06	**1.53E-03**	**3.07E-04**
6894984144256	689498	4144256	RESIDENT	1.54E-03	4.67E-06	**1.54E-03**	**3.09E-04**
6895034144256	689503	4144256	RESIDENT	1.55E-03	4.71E-06	**1.56E-03**	**3.11E-04**
6895084144256	689508	4144256	RESIDENT	1.56E-03	4.75E-06	**1.57E-03**	**3.14E-04**
6895134144256	689513	4144256	RESIDENT	1.58E-03	4.80E-06	**1.58E-03**	**3.16E-04**
6895184144256	689518	4144256	RESIDENT	1.59E-03	4.84E-06	**1.59E-03**	**3.19E-04**
6895234144256	689523	4144256	RESIDENT	1.60E-03	4.88E-06	**1.60E-03**	**3.21E-04**
6895284144256	689528	4144256	RESIDENT	1.61E-03	4.93E-06	**1.62E-03**	**3.24E-04**
6895334144256	689533	4144256	RESIDENT	1.63E-03	4.97E-06	**1.63E-03**	**3.26E-04**
6895384144256	689538	4144256	RESIDENT	1.64E-03	5.02E-06	**1.64E-03**	**3.29E-04**
6895434144256	689543	4144256	RESIDENT	1.65E-03	5.07E-06	**1.66E-03**	**3.31E-04**
6895484144256	689548	4144256	RESIDENT	1.66E-03	5.12E-06	**1.67E-03**	**3.34E-04**
6895534144256	689553	4144256	RESIDENT	1.68E-03	5.16E-06	**1.68E-03**	**3.37E-04**
6895584144256	689558	4144256	RESIDENT	1.69E-03	5.21E-06	**1.70E-03**	**3.40E-04**
6895634144256	689563	4144256	RESIDENT	1.71E-03	5.26E-06	**1.71E-03**	**3.42E-04**
6895684144256	689568	4144256	RESIDENT	1.72E-03	5.31E-06	**1.73E-03**	**3.45E-04**
6895734144256	689573	4144256	RESIDENT	1.74E-03	5.36E-06	**1.74E-03**	**3.48E-04**
6895784144256	689578	4144256	RESIDENT	1.75E-03	5.42E-06	**1.76E-03**	**3.51E-04**
6895834144256	689583	4144256	RESIDENT	1.76E-03	5.47E-06	**1.77E-03**	**3.54E-04**
6895884144256	689588	4144256	RESIDENT	1.78E-03	5.52E-06	**1.79E-03**	**3.57E-04**
6895934144256	689593	4144256	RESIDENT	1.80E-03	5.58E-06	**1.80E-03**	**3.60E-04**
6895984144256	689598	4144256	RESIDENT	1.81E-03	5.63E-06	**1.82E-03**	**3.63E-04**
6896034144256	689603	4144256	RESIDENT	1.83E-03	5.69E-06	**1.83E-03**	**3.67E-04**
6896084144256	689608	4144256	RESIDENT	1.84E-03	5.75E-06	**1.85E-03**	**3.70E-04**
6896134144256	689613	4144256	RESIDENT	1.86E-03	5.80E-06	**1.87E-03**	**3.73E-04**
6896184144256	689618	4144256	RESIDENT	1.88E-03	5.86E-06	**1.88E-03**	**3.76E-04**
6896234144256	689623	4144256	RESIDENT	1.89E-03	5.92E-06	**1.90E-03**	**3.80E-04**
6896284144256	689628	4144256	RESIDENT	1.91E-03	5.98E-06	**1.92E-03**	**3.83E-04**
6896334144256	689633	4144256	RESIDENT	1.93E-03	6.04E-06	**1.94E-03**	**3.87E-04**
6896384144256	689638	4144256	RESIDENT	1.95E-03	6.11E-06	**1.95E-03**	**3.91E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896434144256	689643	4144256	RESIDENT	1.97E-03	6.17E-06	**1.97E-03**	**3.94E-04**
6896484144256	689648	4144256	RESIDENT	1.99E-03	6.24E-06	**1.99E-03**	**3.98E-04**
6894634144261	689463	4144261	RESIDENT	1.50E-03	4.40E-06	**1.50E-03**	**3.01E-04**
6894684144261	689468	4144261	RESIDENT	1.51E-03	4.44E-06	**1.51E-03**	**3.03E-04**
6894734144261	689473	4144261	RESIDENT	1.52E-03	4.48E-06	**1.53E-03**	**3.05E-04**
6894784144261	689478	4144261	RESIDENT	1.53E-03	4.52E-06	**1.54E-03**	**3.08E-04**
6894834144261	689483	4144261	RESIDENT	1.55E-03	4.56E-06	**1.55E-03**	**3.10E-04**
6894884144261	689488	4144261	RESIDENT	1.56E-03	4.60E-06	**1.56E-03**	**3.12E-04**
6894934144261	689493	4144261	RESIDENT	1.57E-03	4.64E-06	**1.57E-03**	**3.15E-04**
6894984144261	689498	4144261	RESIDENT	1.58E-03	4.68E-06	**1.59E-03**	**3.17E-04**
6895034144261	689503	4144261	RESIDENT	1.59E-03	4.72E-06	**1.60E-03**	**3.20E-04**
6895084144261	689508	4144261	RESIDENT	1.61E-03	4.77E-06	**1.61E-03**	**3.22E-04**
6895134144261	689513	4144261	RESIDENT	1.62E-03	4.81E-06	**1.62E-03**	**3.25E-04**
6895184144261	689518	4144261	RESIDENT	1.63E-03	4.85E-06	**1.64E-03**	**3.28E-04**
6895234144261	689523	4144261	RESIDENT	1.65E-03	4.90E-06	**1.65E-03**	**3.30E-04**
6895284144261	689528	4144261	RESIDENT	1.66E-03	4.94E-06	**1.66E-03**	**3.33E-04**
6895334144261	689533	4144261	RESIDENT	1.67E-03	4.99E-06	**1.68E-03**	**3.36E-04**
6895384144261	689538	4144261	RESIDENT	1.69E-03	5.04E-06	**1.69E-03**	**3.38E-04**
6895434144261	689543	4144261	RESIDENT	1.70E-03	5.08E-06	**1.71E-03**	**3.41E-04**
6895484144261	689548	4144261	RESIDENT	1.71E-03	5.13E-06	**1.72E-03**	**3.44E-04**
6895534144261	689553	4144261	RESIDENT	1.73E-03	5.18E-06	**1.73E-03**	**3.47E-04**
6895584144261	689558	4144261	RESIDENT	1.74E-03	5.23E-06	**1.75E-03**	**3.50E-04**
6895634144261	689563	4144261	RESIDENT	1.76E-03	5.28E-06	**1.76E-03**	**3.53E-04**
6895684144261	689568	4144261	RESIDENT	1.77E-03	5.33E-06	**1.78E-03**	**3.56E-04**
6895734144261	689573	4144261	RESIDENT	1.79E-03	5.38E-06	**1.79E-03**	**3.59E-04**
6895784144261	689578	4144261	RESIDENT	1.80E-03	5.43E-06	**1.81E-03**	**3.62E-04**
6895834144261	689583	4144261	RESIDENT	1.82E-03	5.48E-06	**1.83E-03**	**3.65E-04**
6895884144261	689588	4144261	RESIDENT	1.84E-03	5.54E-06	**1.84E-03**	**3.68E-04**
6895934144261	689593	4144261	RESIDENT	1.85E-03	5.59E-06	**1.86E-03**	**3.72E-04**
6895984144261	689598	4144261	RESIDENT	1.87E-03	5.65E-06	**1.88E-03**	**3.75E-04**
6896034144261	689603	4144261	RESIDENT	1.89E-03	5.70E-06	**1.89E-03**	**3.78E-04**
6896084144261	689608	4144261	RESIDENT	1.90E-03	5.76E-06	**1.91E-03**	**3.82E-04**
6896134144261	689613	4144261	RESIDENT	1.92E-03	5.82E-06	**1.93E-03**	**3.85E-04**
6896184144261	689618	4144261	RESIDENT	1.94E-03	5.88E-06	**1.94E-03**	**3.89E-04**
6896234144261	689623	4144261	RESIDENT	1.96E-03	5.94E-06	**1.96E-03**	**3.93E-04**
6896284144261	689628	4144261	RESIDENT	1.98E-03	6.00E-06	**1.98E-03**	**3.96E-04**
6896334144261	689633	4144261	RESIDENT	1.99E-03	6.06E-06	**2.00E-03**	**4.00E-04**
6896384144261	689638	4144261	RESIDENT	2.01E-03	6.12E-06	**2.02E-03**	**4.04E-04**
6896434144261	689643	4144261	RESIDENT	2.03E-03	6.19E-06	**2.04E-03**	**4.08E-04**
6896484144261	689648	4144261	RESIDENT	2.05E-03	6.25E-06	**2.06E-03**	**4.12E-04**
6894684144266	689468	4144266	RESIDENT	1.55E-03	4.46E-06	**1.55E-03**	**3.11E-04**
6894734144266	689473	4144266	RESIDENT	1.56E-03	4.49E-06	**1.57E-03**	**3.13E-04**
6894784144266	689478	4144266	RESIDENT	1.57E-03	4.53E-06	**1.58E-03**	**3.16E-04**
6894834144266	689483	4144266	RESIDENT	1.59E-03	4.57E-06	**1.59E-03**	**3.18E-04**
6894884144266	689488	4144266	RESIDENT	1.60E-03	4.61E-06	**1.60E-03**	**3.21E-04**
6894934144266	689493	4144266	RESIDENT	1.61E-03	4.66E-06	**1.62E-03**	**3.23E-04**
6894984144266	689498	4144266	RESIDENT	1.63E-03	4.70E-06	**1.63E-03**	**3.26E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895034144266	689503	4144266	RESIDENT	1.64E-03	4.74E-06	**1.64E-03**	**3.29E-04**
6895084144266	689508	4144266	RESIDENT	1.65E-03	4.78E-06	**1.66E-03**	**3.31E-04**
6895134144266	689513	4144266	RESIDENT	1.67E-03	4.82E-06	**1.67E-03**	**3.34E-04**
6895184144266	689518	4144266	RESIDENT	1.68E-03	4.87E-06	**1.68E-03**	**3.37E-04**
6895234144266	689523	4144266	RESIDENT	1.69E-03	4.91E-06	**1.70E-03**	**3.40E-04**
6895284144266	689528	4144266	RESIDENT	1.71E-03	4.96E-06	**1.71E-03**	**3.42E-04**
6895334144266	689533	4144266	RESIDENT	1.72E-03	5.00E-06	**1.73E-03**	**3.45E-04**
6895384144266	689538	4144266	RESIDENT	1.74E-03	5.05E-06	**1.74E-03**	**3.48E-04**
6895434144266	689543	4144266	RESIDENT	1.75E-03	5.10E-06	**1.76E-03**	**3.51E-04**
6895484144266	689548	4144266	RESIDENT	1.77E-03	5.14E-06	**1.77E-03**	**3.54E-04**
6895534144266	689553	4144266	RESIDENT	1.78E-03	5.19E-06	**1.79E-03**	**3.57E-04**
6895584144266	689558	4144266	RESIDENT	1.80E-03	5.24E-06	**1.80E-03**	**3.60E-04**
6895634144266	689563	4144266	RESIDENT	1.81E-03	5.29E-06	**1.82E-03**	**3.63E-04**
6895684144266	689568	4144266	RESIDENT	1.83E-03	5.34E-06	**1.83E-03**	**3.67E-04**
6895734144266	689573	4144266	RESIDENT	1.84E-03	5.39E-06	**1.85E-03**	**3.70E-04**
6895784144266	689578	4144266	RESIDENT	1.86E-03	5.45E-06	**1.87E-03**	**3.73E-04**
6895834144266	689583	4144266	RESIDENT	1.88E-03	5.50E-06	**1.88E-03**	**3.77E-04**
6895884144266	689588	4144266	RESIDENT	1.89E-03	5.55E-06	**1.90E-03**	**3.80E-04**
6895934144266	689593	4144266	RESIDENT	1.91E-03	5.61E-06	**1.92E-03**	**3.84E-04**
6895984144266	689598	4144266	RESIDENT	1.93E-03	5.66E-06	**1.94E-03**	**3.87E-04**
6896034144266	689603	4144266	RESIDENT	1.95E-03	5.72E-06	**1.95E-03**	**3.91E-04**
6896084144266	689608	4144266	RESIDENT	1.97E-03	5.78E-06	**1.97E-03**	**3.94E-04**
6896134144266	689613	4144266	RESIDENT	1.98E-03	5.83E-06	**1.99E-03**	**3.98E-04**
6896184144266	689618	4144266	RESIDENT	2.00E-03	5.89E-06	**2.01E-03**	**4.02E-04**
6896234144266	689623	4144266	RESIDENT	2.02E-03	5.95E-06	**2.03E-03**	**4.06E-04**
6896284144266	689628	4144266	RESIDENT	2.04E-03	6.01E-06	**2.05E-03**	**4.10E-04**
6896334144266	689633	4144266	RESIDENT	2.06E-03	6.07E-06	**2.07E-03**	**4.14E-04**
6896384144266	689638	4144266	RESIDENT	2.08E-03	6.14E-06	**2.09E-03**	**4.18E-04**
6896434144266	689643	4144266	RESIDENT	2.10E-03	6.20E-06	**2.11E-03**	**4.22E-04**
6896484144266	689648	4144266	RESIDENT	2.12E-03	6.27E-06	**2.13E-03**	**4.26E-04**
6894834144271	689483	4144271	RESIDENT	1.63E-03	4.59E-06	**1.63E-03**	**3.27E-04**
6894884144271	689488	4144271	RESIDENT	1.64E-03	4.63E-06	**1.65E-03**	**3.29E-04**
6894934144271	689493	4144271	RESIDENT	1.65E-03	4.67E-06	**1.66E-03**	**3.32E-04**
6894984144271	689498	4144271	RESIDENT	1.67E-03	4.71E-06	**1.67E-03**	**3.35E-04**
6895034144271	689503	4144271	RESIDENT	1.68E-03	4.75E-06	**1.69E-03**	**3.38E-04**
6895084144271	689508	4144271	RESIDENT	1.70E-03	4.80E-06	**1.70E-03**	**3.40E-04**
6895134144271	689513	4144271	RESIDENT	1.71E-03	4.84E-06	**1.72E-03**	**3.43E-04**
6895184144271	689518	4144271	RESIDENT	1.73E-03	4.88E-06	**1.73E-03**	**3.46E-04**
6895234144271	689523	4144271	RESIDENT	1.74E-03	4.93E-06	**1.75E-03**	**3.49E-04**
6895284144271	689528	4144271	RESIDENT	1.76E-03	4.97E-06	**1.76E-03**	**3.52E-04**
6895334144271	689533	4144271	RESIDENT	1.77E-03	5.02E-06	**1.78E-03**	**3.55E-04**
6895384144271	689538	4144271	RESIDENT	1.79E-03	5.06E-06	**1.79E-03**	**3.58E-04**
6895434144271	689543	4144271	RESIDENT	1.80E-03	5.11E-06	**1.81E-03**	**3.61E-04**
6895484144271	689548	4144271	RESIDENT	1.82E-03	5.16E-06	**1.82E-03**	**3.65E-04**
6895534144271	689553	4144271	RESIDENT	1.83E-03	5.21E-06	**1.84E-03**	**3.68E-04**
6895584144271	689558	4144271	RESIDENT	1.85E-03	5.26E-06	**1.86E-03**	**3.71E-04**
6895634144271	689563	4144271	RESIDENT	1.87E-03	5.31E-06	**1.87E-03**	**3.74E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6895684144271	689568	4144271	RESIDENT	1.88E-03	5.36E-06	**1.89E-03**	**3.78E-04**
6895734144271	689573	4144271	RESIDENT	1.90E-03	5.41E-06	**1.91E-03**	**3.81E-04**
6895784144271	689578	4144271	RESIDENT	1.92E-03	5.46E-06	**1.92E-03**	**3.85E-04**
6895834144271	689583	4144271	RESIDENT	1.94E-03	5.51E-06	**1.94E-03**	**3.88E-04**
6895884144271	689588	4144271	RESIDENT	1.95E-03	5.57E-06	**1.96E-03**	**3.92E-04**
6895934144271	689593	4144271	RESIDENT	1.97E-03	5.62E-06	**1.98E-03**	**3.96E-04**
6895984144271	689598	4144271	RESIDENT	1.99E-03	5.68E-06	**2.00E-03**	**3.99E-04**
6896034144271	689603	4144271	RESIDENT	2.01E-03	5.73E-06	**2.02E-03**	**4.03E-04**
6896084144271	689608	4144271	RESIDENT	2.03E-03	5.79E-06	**2.04E-03**	**4.07E-04**
6896134144271	689613	4144271	RESIDENT	2.05E-03	5.85E-06	**2.06E-03**	**4.11E-04**
6896184144271	689618	4144271	RESIDENT	2.07E-03	5.91E-06	**2.08E-03**	**4.15E-04**
6896234144271	689623	4144271	RESIDENT	2.09E-03	5.97E-06	**2.10E-03**	**4.19E-04**
6896284144271	689628	4144271	RESIDENT	2.11E-03	6.03E-06	**2.12E-03**	**4.23E-04**
6896334144271	689633	4144271	RESIDENT	2.13E-03	6.09E-06	**2.14E-03**	**4.28E-04**
6896384144271	689638	4144271	RESIDENT	2.15E-03	6.15E-06	**2.16E-03**	**4.32E-04**
6896434144271	689643	4144271	RESIDENT	2.18E-03	6.22E-06	**2.18E-03**	**4.36E-04**
6896484144271	689648	4144271	RESIDENT	2.20E-03	6.28E-06	**2.20E-03**	**4.41E-04**
6894984144276	689498	4144276	RESIDENT	1.71E-03	4.72E-06	**1.72E-03**	**3.44E-04**
6895034144276	689503	4144276	RESIDENT	1.73E-03	4.77E-06	**1.73E-03**	**3.46E-04**
6895084144276	689508	4144276	RESIDENT	1.74E-03	4.81E-06	**1.75E-03**	**3.49E-04**
6895134144276	689513	4144276	RESIDENT	1.76E-03	4.85E-06	**1.76E-03**	**3.53E-04**
6895184144276	689518	4144276	RESIDENT	1.77E-03	4.90E-06	**1.78E-03**	**3.56E-04**
6895234144276	689523	4144276	RESIDENT	1.79E-03	4.94E-06	**1.79E-03**	**3.59E-04**
6895284144276	689528	4144276	RESIDENT	1.80E-03	4.99E-06	**1.81E-03**	**3.62E-04**
6895334144276	689533	4144276	RESIDENT	1.82E-03	5.03E-06	**1.83E-03**	**3.65E-04**
6895384144276	689538	4144276	RESIDENT	1.84E-03	5.08E-06	**1.84E-03**	**3.68E-04**
6895434144276	689543	4144276	RESIDENT	1.85E-03	5.13E-06	**1.86E-03**	**3.72E-04**
6895484144276	689548	4144276	RESIDENT	1.87E-03	5.17E-06	**1.88E-03**	**3.75E-04**
6895534144276	689553	4144276	RESIDENT	1.89E-03	5.22E-06	**1.89E-03**	**3.79E-04**
6895584144276	689558	4144276	RESIDENT	1.91E-03	5.27E-06	**1.91E-03**	**3.82E-04**
6895634144276	689563	4144276	RESIDENT	1.92E-03	5.32E-06	**1.93E-03**	**3.86E-04**
6895684144276	689568	4144276	RESIDENT	1.94E-03	5.37E-06	**1.95E-03**	**3.89E-04**
6895734144276	689573	4144276	RESIDENT	1.96E-03	5.42E-06	**1.96E-03**	**3.93E-04**
6895784144276	689578	4144276	RESIDENT	1.98E-03	5.48E-06	**1.98E-03**	**3.97E-04**
6895834144276	689583	4144276	RESIDENT	2.00E-03	5.53E-06	**2.00E-03**	**4.00E-04**
6895884144276	689588	4144276	RESIDENT	2.02E-03	5.58E-06	**2.02E-03**	**4.04E-04**
6895934144276	689593	4144276	RESIDENT	2.04E-03	5.64E-06	**2.04E-03**	**4.08E-04**
6895984144276	689598	4144276	RESIDENT	2.06E-03	5.69E-06	**2.06E-03**	**4.12E-04**
6896034144276	689603	4144276	RESIDENT	2.08E-03	5.75E-06	**2.08E-03**	**4.16E-04**
6896084144276	689608	4144276	RESIDENT	2.10E-03	5.81E-06	**2.10E-03**	**4.20E-04**
6896134144276	689613	4144276	RESIDENT	2.12E-03	5.86E-06	**2.12E-03**	**4.25E-04**
6896184144276	689618	4144276	RESIDENT	2.14E-03	5.92E-06	**2.14E-03**	**4.29E-04**
6896234144276	689623	4144276	RESIDENT	2.16E-03	5.98E-06	**2.17E-03**	**4.33E-04**
6896284144276	689628	4144276	RESIDENT	2.18E-03	6.04E-06	**2.19E-03**	**4.38E-04**
6896334144276	689633	4144276	RESIDENT	2.20E-03	6.11E-06	**2.21E-03**	**4.42E-04**
6896384144276	689638	4144276	RESIDENT	2.23E-03	6.17E-06	**2.23E-03**	**4.47E-04**
6896434144276	689643	4144276	RESIDENT	2.25E-03	6.23E-06	**2.26E-03**	**4.51E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896484144276	689648	4144276	RESIDENT	2.27E-03	6.30E-06	**2.28E-03**	**4.56E-04**
6895134144281	689513	4144281	RESIDENT	1.81E-03	4.87E-06	**1.81E-03**	**3.62E-04**
6895184144281	689518	4144281	RESIDENT	1.82E-03	4.91E-06	**1.83E-03**	**3.65E-04**
6895234144281	689523	4144281	RESIDENT	1.84E-03	4.96E-06	**1.84E-03**	**3.69E-04**
6895284144281	689528	4144281	RESIDENT	1.85E-03	5.00E-06	**1.86E-03**	**3.72E-04**
6895334144281	689533	4144281	RESIDENT	1.87E-03	5.05E-06	**1.88E-03**	**3.75E-04**
6895384144281	689538	4144281	RESIDENT	1.89E-03	5.09E-06	**1.89E-03**	**3.79E-04**
6895434144281	689543	4144281	RESIDENT	1.91E-03	5.14E-06	**1.91E-03**	**3.82E-04**
6895484144281	689548	4144281	RESIDENT	1.92E-03	5.19E-06	**1.93E-03**	**3.86E-04**
6895534144281	689553	4144281	RESIDENT	1.94E-03	5.24E-06	**1.95E-03**	**3.90E-04**
6895584144281	689558	4144281	RESIDENT	1.96E-03	5.29E-06	**1.97E-03**	**3.93E-04**
6895634144281	689563	4144281	RESIDENT	1.98E-03	5.34E-06	**1.99E-03**	**3.97E-04**
6895684144281	689568	4144281	RESIDENT	2.00E-03	5.39E-06	**2.00E-03**	**4.01E-04**
6895734144281	689573	4144281	RESIDENT	2.02E-03	5.44E-06	**2.02E-03**	**4.05E-04**
6895784144281	689578	4144281	RESIDENT	2.04E-03	5.49E-06	**2.04E-03**	**4.09E-04**
6895834144281	689583	4144281	RESIDENT	2.06E-03	5.54E-06	**2.06E-03**	**4.13E-04**
6895884144281	689588	4144281	RESIDENT	2.08E-03	5.60E-06	**2.08E-03**	**4.17E-04**
6895934144281	689593	4144281	RESIDENT	2.10E-03	5.65E-06	**2.10E-03**	**4.21E-04**
6895984144281	689598	4144281	RESIDENT	2.12E-03	5.71E-06	**2.13E-03**	**4.25E-04**
6896034144281	689603	4144281	RESIDENT	2.14E-03	5.76E-06	**2.15E-03**	**4.29E-04**
6896084144281	689608	4144281	RESIDENT	2.16E-03	5.82E-06	**2.17E-03**	**4.34E-04**
6896134144281	689613	4144281	RESIDENT	2.19E-03	5.88E-06	**2.19E-03**	**4.38E-04**
6896184144281	689618	4144281	RESIDENT	2.21E-03	5.94E-06	**2.21E-03**	**4.43E-04**
6896234144281	689623	4144281	RESIDENT	2.23E-03	6.00E-06	**2.24E-03**	**4.47E-04**
6896284144281	689628	4144281	RESIDENT	2.25E-03	6.06E-06	**2.26E-03**	**4.52E-04**
6896334144281	689633	4144281	RESIDENT	2.28E-03	6.12E-06	**2.28E-03**	**4.57E-04**
6896384144281	689638	4144281	RESIDENT	2.30E-03	6.18E-06	**2.31E-03**	**4.62E-04**
6896434144281	689643	4144281	RESIDENT	2.33E-03	6.25E-06	**2.33E-03**	**4.67E-04**
6896484144281	689648	4144281	RESIDENT	2.35E-03	6.31E-06	**2.36E-03**	**4.72E-04**
6895334144286	689533	4144286	RESIDENT	1.92E-03	5.06E-06	**1.93E-03**	**3.86E-04**
6895384144286	689538	4144286	RESIDENT	1.94E-03	5.11E-06	**1.95E-03**	**3.89E-04**
6895434144286	689543	4144286	RESIDENT	1.96E-03	5.15E-06	**1.97E-03**	**3.93E-04**
6895484144286	689548	4144286	RESIDENT	1.98E-03	5.20E-06	**1.98E-03**	**3.97E-04**
6895534144286	689553	4144286	RESIDENT	2.00E-03	5.25E-06	**2.00E-03**	**4.01E-04**
6895584144286	689558	4144286	RESIDENT	2.02E-03	5.30E-06	**2.02E-03**	**4.05E-04**
6895634144286	689563	4144286	RESIDENT	2.04E-03	5.35E-06	**2.04E-03**	**4.09E-04**
6895684144286	689568	4144286	RESIDENT	2.06E-03	5.40E-06	**2.06E-03**	**4.13E-04**
6895734144286	689573	4144286	RESIDENT	2.08E-03	5.45E-06	**2.08E-03**	**4.17E-04**
6895784144286	689578	4144286	RESIDENT	2.10E-03	5.50E-06	**2.10E-03**	**4.21E-04**
6895834144286	689583	4144286	RESIDENT	2.12E-03	5.56E-06	**2.13E-03**	**4.25E-04**
6895884144286	689588	4144286	RESIDENT	2.14E-03	5.61E-06	**2.15E-03**	**4.30E-04**
6895934144286	689593	4144286	RESIDENT	2.16E-03	5.67E-06	**2.17E-03**	**4.34E-04**
6895984144286	689598	4144286	RESIDENT	2.19E-03	5.72E-06	**2.19E-03**	**4.38E-04**
6896034144286	689603	4144286	RESIDENT	2.21E-03	5.78E-06	**2.21E-03**	**4.43E-04**
6896084144286	689608	4144286	RESIDENT	2.23E-03	5.83E-06	**2.24E-03**	**4.48E-04**
6896134144286	689613	4144286	RESIDENT	2.26E-03	5.89E-06	**2.26E-03**	**4.52E-04**
6896184144286	689618	4144286	RESIDENT	2.28E-03	5.95E-06	**2.29E-03**	**4.57E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896234144286	689623	4144286	RESIDENT	2.30E-03	6.01E-06	**2.31E-03**	**4.62E-04**
6896284144286	689628	4144286	RESIDENT	2.33E-03	6.07E-06	**2.34E-03**	**4.67E-04**
6896334144286	689633	4144286	RESIDENT	2.35E-03	6.13E-06	**2.36E-03**	**4.72E-04**
6896384144286	689638	4144286	RESIDENT	2.38E-03	6.20E-06	**2.39E-03**	**4.77E-04**
6896434144286	689643	4144286	RESIDENT	2.41E-03	6.26E-06	**2.41E-03**	**4.83E-04**
6896484144286	689648	4144286	RESIDENT	2.43E-03	6.33E-06	**2.44E-03**	**4.88E-04**
6895484144291	689548	4144291	RESIDENT	2.03E-03	5.22E-06	**2.04E-03**	**4.08E-04**
6895534144291	689553	4144291	RESIDENT	2.05E-03	5.26E-06	**2.06E-03**	**4.12E-04**
6895584144291	689558	4144291	RESIDENT	2.08E-03	5.31E-06	**2.08E-03**	**4.16E-04**
6895634144291	689563	4144291	RESIDENT	2.10E-03	5.36E-06	**2.10E-03**	**4.20E-04**
6895684144291	689568	4144291	RESIDENT	2.12E-03	5.41E-06	**2.12E-03**	**4.25E-04**
6895734144291	689573	4144291	RESIDENT	2.14E-03	5.47E-06	**2.14E-03**	**4.29E-04**
6895784144291	689578	4144291	RESIDENT	2.16E-03	5.52E-06	**2.17E-03**	**4.33E-04**
6895834144291	689583	4144291	RESIDENT	2.18E-03	5.57E-06	**2.19E-03**	**4.38E-04**
6895884144291	689588	4144291	RESIDENT	2.21E-03	5.62E-06	**2.21E-03**	**4.42E-04**
6895934144291	689593	4144291	RESIDENT	2.23E-03	5.68E-06	**2.24E-03**	**4.47E-04**
6895984144291	689598	4144291	RESIDENT	2.25E-03	5.74E-06	**2.26E-03**	**4.52E-04**
6896034144291	689603	4144291	RESIDENT	2.28E-03	5.79E-06	**2.28E-03**	**4.57E-04**
6896084144291	689608	4144291	RESIDENT	2.30E-03	5.85E-06	**2.31E-03**	**4.62E-04**
6896134144291	689613	4144291	RESIDENT	2.33E-03	5.91E-06	**2.33E-03**	**4.67E-04**
6896184144291	689618	4144291	RESIDENT	2.35E-03	5.97E-06	**2.36E-03**	**4.72E-04**
6896234144291	689623	4144291	RESIDENT	2.38E-03	6.03E-06	**2.39E-03**	**4.77E-04**
6896284144291	689628	4144291	RESIDENT	2.41E-03	6.09E-06	**2.41E-03**	**4.82E-04**
6896334144291	689633	4144291	RESIDENT	2.43E-03	6.15E-06	**2.44E-03**	**4.88E-04**
6896384144291	689638	4144291	RESIDENT	2.46E-03	6.21E-06	**2.47E-03**	**4.93E-04**
6896434144291	689643	4144291	RESIDENT	2.49E-03	6.28E-06	**2.50E-03**	**4.99E-04**
6896484144291	689648	4144291	RESIDENT	2.52E-03	6.34E-06	**2.52E-03**	**5.05E-04**
6895684144296	689568	4144296	RESIDENT	2.18E-03	5.43E-06	**2.18E-03**	**4.37E-04**
6895734144296	689573	4144296	RESIDENT	2.20E-03	5.48E-06	**2.21E-03**	**4.41E-04**
6895784144296	689578	4144296	RESIDENT	2.22E-03	5.53E-06	**2.23E-03**	**4.46E-04**
6895834144296	689583	4144296	RESIDENT	2.25E-03	5.58E-06	**2.25E-03**	**4.51E-04**
6895884144296	689588	4144296	RESIDENT	2.27E-03	5.64E-06	**2.28E-03**	**4.56E-04**
6895934144296	689593	4144296	RESIDENT	2.30E-03	5.69E-06	**2.30E-03**	**4.61E-04**
6895984144296	689598	4144296	RESIDENT	2.32E-03	5.75E-06	**2.33E-03**	**4.66E-04**
6896034144296	689603	4144296	RESIDENT	2.35E-03	5.81E-06	**2.35E-03**	**4.71E-04**
6896084144296	689608	4144296	RESIDENT	2.37E-03	5.86E-06	**2.38E-03**	**4.76E-04**
6896134144296	689613	4144296	RESIDENT	2.40E-03	5.92E-06	**2.41E-03**	**4.81E-04**
6896184144296	689618	4144296	RESIDENT	2.43E-03	5.98E-06	**2.43E-03**	**4.87E-04**
6896234144296	689623	4144296	RESIDENT	2.46E-03	6.04E-06	**2.46E-03**	**4.92E-04**
6896284144296	689628	4144296	RESIDENT	2.48E-03	6.10E-06	**2.49E-03**	**4.98E-04**
6896334144296	689633	4144296	RESIDENT	2.51E-03	6.16E-06	**2.52E-03**	**5.04E-04**
6896384144296	689638	4144296	RESIDENT	2.54E-03	6.23E-06	**2.55E-03**	**5.10E-04**
6896434144296	689643	4144296	RESIDENT	2.57E-03	6.29E-06	**2.58E-03**	**5.16E-04**
6896484144296	689648	4144296	RESIDENT	2.60E-03	6.35E-06	**2.61E-03**	**5.22E-04**
6895884144301	689588	4144301	RESIDENT	2.34E-03	5.65E-06	**2.35E-03**	**4.69E-04**
6895934144301	689593	4144301	RESIDENT	2.37E-03	5.71E-06	**2.37E-03**	**4.74E-04**
6895984144301	689598	4144301	RESIDENT	2.39E-03	5.76E-06	**2.40E-03**	**4.80E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896034144301	689603	4144301	RESIDENT	2.42E-03	5.82E-06	**2.43E-03**	**4.85E-04**
6896084144301	689608	4144301	RESIDENT	2.45E-03	5.88E-06	**2.45E-03**	**4.91E-04**
6896134144301	689613	4144301	RESIDENT	2.48E-03	5.93E-06	**2.48E-03**	**4.96E-04**
6896184144301	689618	4144301	RESIDENT	2.50E-03	5.99E-06	**2.51E-03**	**5.02E-04**
6896234144301	689623	4144301	RESIDENT	2.53E-03	6.05E-06	**2.54E-03**	**5.08E-04**
6896284144301	689628	4144301	RESIDENT	2.56E-03	6.11E-06	**2.57E-03**	**5.14E-04**
6896334144301	689633	4144301	RESIDENT	2.59E-03	6.18E-06	**2.60E-03**	**5.20E-04**
6896384144301	689638	4144301	RESIDENT	2.63E-03	6.24E-06	**2.63E-03**	**5.26E-04**
6896434144301	689643	4144301	RESIDENT	2.66E-03	6.30E-06	**2.66E-03**	**5.33E-04**
6896484144301	689648	4144301	RESIDENT	2.69E-03	6.37E-06	**2.70E-03**	**5.39E-04**
6896134144306	689613	4144306	RESIDENT	2.55E-03	5.95E-06	**2.56E-03**	**5.11E-04**
6896184144306	689618	4144306	RESIDENT	2.58E-03	6.01E-06	**2.59E-03**	**5.18E-04**
6896234144306	689623	4144306	RESIDENT	2.61E-03	6.07E-06	**2.62E-03**	**5.24E-04**
6896284144306	689628	4144306	RESIDENT	2.64E-03	6.13E-06	**2.65E-03**	**5.30E-04**
6896334144306	689633	4144306	RESIDENT	2.68E-03	6.19E-06	**2.68E-03**	**5.37E-04**
6896384144306	689638	4144306	RESIDENT	2.71E-03	6.25E-06	**2.72E-03**	**5.43E-04**
6896434144306	689643	4144306	RESIDENT	2.74E-03	6.32E-06	**2.75E-03**	**5.50E-04**
6896484144306	689648	4144306	RESIDENT	2.78E-03	6.38E-06	**2.79E-03**	**5.57E-04**
6896434144311	689643	4144311	RESIDENT	2.83E-03	6.33E-06	**2.84E-03**	**5.68E-04**
6896484144311	689648	4144311	RESIDENT	2.87E-03	6.40E-06	**2.88E-03**	**5.75E-04**
6896024144443	689602	4144443	RESIDENT	4.89E-03	6.11E-06	**4.90E-03**	**9.80E-04**
6896074144443	689607	4144443	RESIDENT	4.99E-03	6.17E-06	**5.00E-03**	**9.99E-04**
6896124144443	689612	4144443	RESIDENT	5.09E-03	6.23E-06	**5.10E-03**	**1.02E-03**
6896174144443	689617	4144443	RESIDENT	5.19E-03	6.29E-06	**5.20E-03**	**1.04E-03**
6896224144443	689622	4144443	RESIDENT	5.30E-03	6.35E-06	**5.31E-03**	**1.06E-03**
6896274144443	689627	4144443	RESIDENT	5.41E-03	6.41E-06	**5.42E-03**	**1.08E-03**
6896324144443	689632	4144443	RESIDENT	5.52E-03	6.47E-06	**5.53E-03**	**1.11E-03**
6896374144443	689637	4144443	RESIDENT	5.64E-03	6.53E-06	**5.65E-03**	**1.13E-03**
6896424144443	689642	4144443	RESIDENT	5.76E-03	6.59E-06	**5.77E-03**	**1.15E-03**
6896474144443	689647	4144443	RESIDENT	5.89E-03	6.66E-06	**5.90E-03**	**1.18E-03**
6896524144443	689652	4144443	RESIDENT	6.02E-03	6.72E-06	**6.03E-03**	**1.21E-03**
6896574144443	689657	4144443	RESIDENT	6.16E-03	6.79E-06	**6.17E-03**	**1.23E-03**
6896624144443	689662	4144443	RESIDENT	6.30E-03	6.86E-06	**6.31E-03**	**1.26E-03**
6896674144443	689667	4144443	RESIDENT	6.45E-03	6.93E-06	**6.45E-03**	**1.29E-03**
6896724144443	689672	4144443	RESIDENT	6.60E-03	7.00E-06	**6.61E-03**	**1.32E-03**
6896024144448	689602	4144448	RESIDENT	5.02E-03	6.12E-06	**5.02E-03**	**1.00E-03**
6896074144448	689607	4144448	RESIDENT	5.12E-03	6.18E-06	**5.12E-03**	**1.02E-03**
6896124144448	689612	4144448	RESIDENT	5.22E-03	6.23E-06	**5.23E-03**	**1.05E-03**
6896174144448	689617	4144448	RESIDENT	5.33E-03	6.29E-06	**5.33E-03**	**1.07E-03**
6896224144448	689622	4144448	RESIDENT	5.44E-03	6.35E-06	**5.44E-03**	**1.09E-03**
6896274144448	689627	4144448	RESIDENT	5.55E-03	6.41E-06	**5.56E-03**	**1.11E-03**
6896324144448	689632	4144448	RESIDENT	5.67E-03	6.48E-06	**5.68E-03**	**1.14E-03**
6896374144448	689637	4144448	RESIDENT	5.80E-03	6.54E-06	**5.80E-03**	**1.16E-03**
6896424144448	689642	4144448	RESIDENT	5.92E-03	6.60E-06	**5.93E-03**	**1.19E-03**
6896474144448	689647	4144448	RESIDENT	6.06E-03	6.67E-06	**6.06E-03**	**1.21E-03**
6896524144448	689652	4144448	RESIDENT	6.19E-03	6.73E-06	**6.20E-03**	**1.24E-03**
6896574144448	689657	4144448	RESIDENT	6.34E-03	6.80E-06	**6.34E-03**	**1.27E-03**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896624144448	689662	4144448	RESIDENT	6.48E-03	6.87E-06	**6.49E-03**	**1.30E-03**
6896674144448	689667	4144448	RESIDENT	6.64E-03	6.94E-06	**6.64E-03**	**1.33E-03**
6896724144448	689672	4144448	RESIDENT	6.80E-03	7.01E-06	**6.80E-03**	**1.36E-03**
6896024144453	689602	4144453	RESIDENT	5.14E-03	6.13E-06	**5.15E-03**	**1.03E-03**
6896074144453	689607	4144453	RESIDENT	5.25E-03	6.18E-06	**5.25E-03**	**1.05E-03**
6896124144453	689612	4144453	RESIDENT	5.35E-03	6.24E-06	**5.36E-03**	**1.07E-03**
6896174144453	689617	4144453	RESIDENT	5.47E-03	6.30E-06	**5.47E-03**	**1.09E-03**
6896224144453	689622	4144453	RESIDENT	5.58E-03	6.36E-06	**5.59E-03**	**1.12E-03**
6896274144453	689627	4144453	RESIDENT	5.70E-03	6.42E-06	**5.71E-03**	**1.14E-03**
6896324144453	689632	4144453	RESIDENT	5.83E-03	6.48E-06	**5.83E-03**	**1.17E-03**
6896374144453	689637	4144453	RESIDENT	5.96E-03	6.55E-06	**5.96E-03**	**1.19E-03**
6896424144453	689642	4144453	RESIDENT	6.09E-03	6.61E-06	**6.10E-03**	**1.22E-03**
6896474144453	689647	4144453	RESIDENT	6.23E-03	6.67E-06	**6.23E-03**	**1.25E-03**
6896524144453	689652	4144453	RESIDENT	6.37E-03	6.74E-06	**6.38E-03**	**1.28E-03**
6896574144453	689657	4144453	RESIDENT	6.52E-03	6.81E-06	**6.53E-03**	**1.31E-03**
6896624144453	689662	4144453	RESIDENT	6.67E-03	6.87E-06	**6.68E-03**	**1.34E-03**
6896674144453	689667	4144453	RESIDENT	6.84E-03	6.94E-06	**6.84E-03**	**1.37E-03**
6896724144453	689672	4144453	RESIDENT	7.00E-03	7.01E-06	**7.01E-03**	**1.40E-03**
6896024144458	689602	4144458	RESIDENT	5.27E-03	6.14E-06	**5.28E-03**	**1.06E-03**
6896074144458	689607	4144458	RESIDENT	5.38E-03	6.19E-06	**5.39E-03**	**1.08E-03**
6896124144458	689612	4144458	RESIDENT	5.49E-03	6.25E-06	**5.50E-03**	**1.10E-03**
6896174144458	689617	4144458	RESIDENT	5.61E-03	6.31E-06	**5.62E-03**	**1.12E-03**
6896224144458	689622	4144458	RESIDENT	5.73E-03	6.37E-06	**5.74E-03**	**1.15E-03**
6896274144458	689627	4144458	RESIDENT	5.86E-03	6.43E-06	**5.86E-03**	**1.17E-03**
6896324144458	689632	4144458	RESIDENT	5.99E-03	6.49E-06	**5.99E-03**	**1.20E-03**
6896374144458	689637	4144458	RESIDENT	6.12E-03	6.55E-06	**6.13E-03**	**1.23E-03**
6896424144458	689642	4144458	RESIDENT	6.26E-03	6.62E-06	**6.27E-03**	**1.25E-03**
6896474144458	689647	4144458	RESIDENT	6.41E-03	6.68E-06	**6.41E-03**	**1.28E-03**
6896524144458	689652	4144458	RESIDENT	6.56E-03	6.75E-06	**6.56E-03**	**1.31E-03**
6896574144458	689657	4144458	RESIDENT	6.71E-03	6.81E-06	**6.72E-03**	**1.34E-03**
6896624144458	689662	4144458	RESIDENT	6.87E-03	6.88E-06	**6.88E-03**	**1.38E-03**
6896674144458	689667	4144458	RESIDENT	7.04E-03	6.95E-06	**7.05E-03**	**1.41E-03**
6896724144458	689672	4144458	RESIDENT	7.22E-03	7.02E-06	**7.23E-03**	**1.45E-03**
6896024144463	689602	4144463	RESIDENT	5.41E-03	6.14E-06	**5.42E-03**	**1.08E-03**
6896074144463	689607	4144463	RESIDENT	5.52E-03	6.20E-06	**5.53E-03**	**1.11E-03**
6896124144463	689612	4144463	RESIDENT	5.64E-03	6.26E-06	**5.65E-03**	**1.13E-03**
6896174144463	689617	4144463	RESIDENT	5.76E-03	6.32E-06	**5.77E-03**	**1.15E-03**
6896224144463	689622	4144463	RESIDENT	5.89E-03	6.38E-06	**5.90E-03**	**1.18E-03**
6896274144463	689627	4144463	RESIDENT	6.02E-03	6.44E-06	**6.03E-03**	**1.21E-03**
6896324144463	689632	4144463	RESIDENT	6.15E-03	6.50E-06	**6.16E-03**	**1.23E-03**
6896374144463	689637	4144463	RESIDENT	6.30E-03	6.56E-06	**6.30E-03**	**1.26E-03**
6896424144463	689642	4144463	RESIDENT	6.44E-03	6.62E-06	**6.45E-03**	**1.29E-03**
6896474144463	689647	4144463	RESIDENT	6.59E-03	6.69E-06	**6.60E-03**	**1.32E-03**
6896524144463	689652	4144463	RESIDENT	6.75E-03	6.75E-06	**6.76E-03**	**1.35E-03**
6896574144463	689657	4144463	RESIDENT	6.91E-03	6.82E-06	**6.92E-03**	**1.38E-03**
6896624144463	689662	4144463	RESIDENT	7.08E-03	6.89E-06	**7.09E-03**	**1.42E-03**
6896674144463	689667	4144463	RESIDENT	7.26E-03	6.96E-06	**7.27E-03**	**1.45E-03**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896724144463	689672	4144463	RESIDENT	7.44E-03	7.03E-06	**7.45E-03**	**1.49E-03**
6896024144468	689602	4144468	RESIDENT	5.55E-03	6.15E-06	**5.56E-03**	**1.11E-03**
6896074144468	689607	4144468	RESIDENT	5.67E-03	6.21E-06	**5.68E-03**	**1.14E-03**
6896124144468	689612	4144468	RESIDENT	5.79E-03	6.26E-06	**5.80E-03**	**1.16E-03**
6896174144468	689617	4144468	RESIDENT	5.92E-03	6.32E-06	**5.93E-03**	**1.19E-03**
6896224144468	689622	4144468	RESIDENT	6.05E-03	6.38E-06	**6.06E-03**	**1.21E-03**
6896274144468	689627	4144468	RESIDENT	6.19E-03	6.44E-06	**6.19E-03**	**1.24E-03**
6896324144468	689632	4144468	RESIDENT	6.33E-03	6.51E-06	**6.34E-03**	**1.27E-03**
6896374144468	689637	4144468	RESIDENT	6.48E-03	6.57E-06	**6.48E-03**	**1.30E-03**
6896424144468	689642	4144468	RESIDENT	6.63E-03	6.63E-06	**6.63E-03**	**1.33E-03**
6896474144468	689647	4144468	RESIDENT	6.79E-03	6.70E-06	**6.79E-03**	**1.36E-03**
6896524144468	689652	4144468	RESIDENT	6.95E-03	6.76E-06	**6.96E-03**	**1.39E-03**
6896574144468	689657	4144468	RESIDENT	7.12E-03	6.83E-06	**7.13E-03**	**1.43E-03**
6896624144468	689662	4144468	RESIDENT	7.30E-03	6.90E-06	**7.31E-03**	**1.46E-03**
6896674144468	689667	4144468	RESIDENT	7.48E-03	6.96E-06	**7.49E-03**	**1.50E-03**
6896724144468	689672	4144468	RESIDENT	7.68E-03	7.03E-06	**7.68E-03**	**1.54E-03**
6896024144473	689602	4144473	RESIDENT	5.70E-03	6.16E-06	**5.71E-03**	**1.14E-03**
6896074144473	689607	4144473	RESIDENT	5.82E-03	6.21E-06	**5.83E-03**	**1.17E-03**
6896124144473	689612	4144473	RESIDENT	5.95E-03	6.27E-06	**5.96E-03**	**1.19E-03**
6896174144473	689617	4144473	RESIDENT	6.08E-03	6.33E-06	**6.09E-03**	**1.22E-03**
6896224144473	689622	4144473	RESIDENT	6.22E-03	6.39E-06	**6.23E-03**	**1.25E-03**
6896274144473	689627	4144473	RESIDENT	6.36E-03	6.45E-06	**6.37E-03**	**1.27E-03**
6896324144473	689632	4144473	RESIDENT	6.51E-03	6.51E-06	**6.52E-03**	**1.30E-03**
6896374144473	689637	4144473	RESIDENT	6.66E-03	6.57E-06	**6.67E-03**	**1.33E-03**
6896424144473	689642	4144473	RESIDENT	6.82E-03	6.64E-06	**6.83E-03**	**1.37E-03**
6896474144473	689647	4144473	RESIDENT	6.99E-03	6.70E-06	**6.99E-03**	**1.40E-03**
6896524144473	689652	4144473	RESIDENT	7.16E-03	6.77E-06	**7.17E-03**	**1.43E-03**
6896574144473	689657	4144473	RESIDENT	7.34E-03	6.84E-06	**7.34E-03**	**1.47E-03**
6896624144473	689662	4144473	RESIDENT	7.52E-03	6.90E-06	**7.53E-03**	**1.51E-03**
6896674144473	689667	4144473	RESIDENT	7.72E-03	6.97E-06	**7.72E-03**	**1.54E-03**
6896724144473	689672	4144473	RESIDENT	7.92E-03	7.04E-06	**7.92E-03**	**1.58E-03**
6896024144478	689602	4144478	RESIDENT	5.85E-03	6.16E-06	**5.86E-03**	**1.17E-03**
6896074144478	689607	4144478	RESIDENT	5.98E-03	6.22E-06	**5.99E-03**	**1.20E-03**
6896124144478	689612	4144478	RESIDENT	6.12E-03	6.28E-06	**6.12E-03**	**1.22E-03**
6896174144478	689617	4144478	RESIDENT	6.25E-03	6.34E-06	**6.26E-03**	**1.25E-03**
6896224144478	689622	4144478	RESIDENT	6.40E-03	6.40E-06	**6.40E-03**	**1.28E-03**
6896274144478	689627	4144478	RESIDENT	6.54E-03	6.46E-06	**6.55E-03**	**1.31E-03**
6896324144478	689632	4144478	RESIDENT	6.70E-03	6.52E-06	**6.71E-03**	**1.34E-03**
6896374144478	689637	4144478	RESIDENT	6.86E-03	6.58E-06	**6.87E-03**	**1.37E-03**
6896424144478	689642	4144478	RESIDENT	7.02E-03	6.65E-06	**7.03E-03**	**1.41E-03**
6896474144478	689647	4144478	RESIDENT	7.20E-03	6.71E-06	**7.20E-03**	**1.44E-03**
6896524144478	689652	4144478	RESIDENT	7.38E-03	6.78E-06	**7.38E-03**	**1.48E-03**
6896574144478	689657	4144478	RESIDENT	7.56E-03	6.84E-06	**7.57E-03**	**1.51E-03**
6896624144478	689662	4144478	RESIDENT	7.76E-03	6.91E-06	**7.76E-03**	**1.55E-03**
6896674144478	689667	4144478	RESIDENT	7.96E-03	6.98E-06	**7.96E-03**	**1.59E-03**
6896724144478	689672	4144478	RESIDENT	8.17E-03	7.05E-06	**8.17E-03**	**1.63E-03**
6896024144483	689602	4144483	RESIDENT	6.01E-03	6.17E-06	**6.02E-03**	**1.20E-03**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6896074144483	689607	4144483	RESIDENT	6.15E-03	6.23E-06	**6.15E-03**	**1.23E-03**
6896124144483	689612	4144483	RESIDENT	6.29E-03	6.29E-06	**6.29E-03**	**1.26E-03**
6896174144483	689617	4144483	RESIDENT	6.43E-03	6.34E-06	**6.44E-03**	**1.29E-03**
6896224144483	689622	4144483	RESIDENT	6.58E-03	6.40E-06	**6.59E-03**	**1.32E-03**
6896274144483	689627	4144483	RESIDENT	6.73E-03	6.46E-06	**6.74E-03**	**1.35E-03**
6896324144483	689632	4144483	RESIDENT	6.89E-03	6.53E-06	**6.90E-03**	**1.38E-03**
6896374144483	689637	4144483	RESIDENT	7.06E-03	6.59E-06	**7.07E-03**	**1.41E-03**
6896424144483	689642	4144483	RESIDENT	7.23E-03	6.65E-06	**7.24E-03**	**1.45E-03**
6896474144483	689647	4144483	RESIDENT	7.41E-03	6.72E-06	**7.42E-03**	**1.48E-03**
6896524144483	689652	4144483	RESIDENT	7.60E-03	6.78E-06	**7.61E-03**	**1.52E-03**
6896574144483	689657	4144483	RESIDENT	7.80E-03	6.85E-06	**7.80E-03**	**1.56E-03**
6896624144483	689662	4144483	RESIDENT	8.00E-03	6.92E-06	**8.00E-03**	**1.60E-03**
6896674144483	689667	4144483	RESIDENT	8.21E-03	6.98E-06	**8.21E-03**	**1.64E-03**
6896724144483	689672	4144483	RESIDENT	8.43E-03	7.05E-06	**8.43E-03**	**1.69E-03**
6896024144488	689602	4144488	RESIDENT	6.18E-03	6.18E-06	**6.18E-03**	**1.24E-03**
6896074144488	689607	4144488	RESIDENT	6.32E-03	6.24E-06	**6.32E-03**	**1.26E-03**
6896124144488	689612	4144488	RESIDENT	6.46E-03	6.29E-06	**6.47E-03**	**1.29E-03**
6896174144488	689617	4144488	RESIDENT	6.61E-03	6.35E-06	**6.62E-03**	**1.32E-03**
6896224144488	689622	4144488	RESIDENT	6.77E-03	6.41E-06	**6.77E-03**	**1.35E-03**
6896274144488	689627	4144488	RESIDENT	6.93E-03	6.47E-06	**6.94E-03**	**1.39E-03**
6896324144488	689632	4144488	RESIDENT	7.10E-03	6.53E-06	**7.10E-03**	**1.42E-03**
6896374144488	689637	4144488	RESIDENT	7.27E-03	6.60E-06	**7.28E-03**	**1.46E-03**
6896424144488	689642	4144488	RESIDENT	7.45E-03	6.66E-06	**7.46E-03**	**1.49E-03**
6896474144488	689647	4144488	RESIDENT	7.64E-03	6.72E-06	**7.65E-03**	**1.53E-03**
6896524144488	689652	4144488	RESIDENT	7.83E-03	6.79E-06	**7.84E-03**	**1.57E-03**
6896574144488	689657	4144488	RESIDENT	8.04E-03	6.85E-06	**8.04E-03**	**1.61E-03**
6896624144488	689662	4144488	RESIDENT	8.25E-03	6.92E-06	**8.25E-03**	**1.65E-03**
6896674144488	689667	4144488	RESIDENT	8.46E-03	6.99E-06	**8.47E-03**	**1.69E-03**
6896724144488	689672	4144488	RESIDENT	8.69E-03	7.06E-06	**8.70E-03**	**1.74E-03**
6904044143506	690404	4143506	RESIDENT	2.09E-03	2.63E-05	**2.11E-03**	**4.23E-04**
6904094143506	690409	4143506	RESIDENT	2.12E-03	2.57E-05	**2.15E-03**	**4.29E-04**
6904144143506	690414	4143506	RESIDENT	2.15E-03	2.50E-05	**2.18E-03**	**4.36E-04**
6904194143506	690419	4143506	RESIDENT	2.19E-03	2.44E-05	**2.21E-03**	**4.42E-04**
6904244143506	690424	4143506	RESIDENT	2.22E-03	2.39E-05	**2.24E-03**	**4.49E-04**
6904294143506	690429	4143506	RESIDENT	2.25E-03	2.33E-05	**2.28E-03**	**4.55E-04**
6904344143506	690434	4143506	RESIDENT	2.29E-03	2.28E-05	**2.31E-03**	**4.62E-04**
6904394143506	690439	4143506	RESIDENT	2.32E-03	2.22E-05	**2.34E-03**	**4.68E-04**
6904444143506	690444	4143506	RESIDENT	2.35E-03	2.17E-05	**2.37E-03**	**4.75E-04**
6904494143506	690449	4143506	RESIDENT	2.39E-03	2.12E-05	**2.41E-03**	**4.81E-04**
6904544143506	690454	4143506	RESIDENT	2.42E-03	2.08E-05	**2.44E-03**	**4.88E-04**
6904594143506	690459	4143506	RESIDENT	2.45E-03	2.03E-05	**2.47E-03**	**4.94E-04**
6904644143506	690464	4143506	RESIDENT	2.48E-03	1.99E-05	**2.50E-03**	**5.01E-04**
6904694143506	690469	4143506	RESIDENT	2.52E-03	1.94E-05	**2.54E-03**	**5.07E-04**
6904744143506	690474	4143506	RESIDENT	2.55E-03	1.90E-05	**2.57E-03**	**5.13E-04**
6904794143506	690479	4143506	RESIDENT	2.58E-03	1.86E-05	**2.60E-03**	**5.20E-04**
6904844143506	690484	4143506	RESIDENT	2.61E-03	1.82E-05	**2.63E-03**	**5.26E-04**
6904894143506	690489	4143506	RESIDENT	2.64E-03	1.79E-05	**2.66E-03**	**5.32E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904944143506	690494	4143506	RESIDENT	2.67E-03	1.75E-05	**2.69E-03**	**5.38E-04**
6904994143506	690499	4143506	RESIDENT	2.71E-03	1.72E-05	**2.72E-03**	**5.45E-04**
6904044143511	690404	4143511	RESIDENT	2.12E-03	2.69E-05	**2.15E-03**	**4.30E-04**
6904094143511	690409	4143511	RESIDENT	2.16E-03	2.62E-05	**2.18E-03**	**4.37E-04**
6904144143511	690414	4143511	RESIDENT	2.19E-03	2.55E-05	**2.22E-03**	**4.43E-04**
6904194143511	690419	4143511	RESIDENT	2.22E-03	2.49E-05	**2.25E-03**	**4.50E-04**
6904244143511	690424	4143511	RESIDENT	2.26E-03	2.43E-05	**2.28E-03**	**4.56E-04**
6904294143511	690429	4143511	RESIDENT	2.29E-03	2.37E-05	**2.31E-03**	**4.63E-04**
6904344143511	690434	4143511	RESIDENT	2.32E-03	2.31E-05	**2.35E-03**	**4.70E-04**
6904394143511	690439	4143511	RESIDENT	2.36E-03	2.26E-05	**2.38E-03**	**4.76E-04**
6904444143511	690444	4143511	RESIDENT	2.39E-03	2.20E-05	**2.41E-03**	**4.83E-04**
6904494143511	690449	4143511	RESIDENT	2.43E-03	2.15E-05	**2.45E-03**	**4.89E-04**
6904544143511	690454	4143511	RESIDENT	2.46E-03	2.10E-05	**2.48E-03**	**4.96E-04**
6904594143511	690459	4143511	RESIDENT	2.49E-03	2.05E-05	**2.51E-03**	**5.02E-04**
6904644143511	690464	4143511	RESIDENT	2.52E-03	2.01E-05	**2.54E-03**	**5.09E-04**
6904694143511	690469	4143511	RESIDENT	2.56E-03	1.97E-05	**2.58E-03**	**5.15E-04**
6904744143511	690474	4143511	RESIDENT	2.59E-03	1.92E-05	**2.61E-03**	**5.22E-04**
6904794143511	690479	4143511	RESIDENT	2.62E-03	1.88E-05	**2.64E-03**	**5.28E-04**
6904844143511	690484	4143511	RESIDENT	2.65E-03	1.84E-05	**2.67E-03**	**5.35E-04**
6904894143511	690489	4143511	RESIDENT	2.69E-03	1.80E-05	**2.70E-03**	**5.41E-04**
6904944143511	690494	4143511	RESIDENT	2.72E-03	1.77E-05	**2.74E-03**	**5.47E-04**
6904994143511	690499	4143511	RESIDENT	2.75E-03	1.73E-05	**2.77E-03**	**5.53E-04**
6904044143516	690404	4143516	RESIDENT	2.16E-03	2.74E-05	**2.19E-03**	**4.37E-04**
6904094143516	690409	4143516	RESIDENT	2.19E-03	2.67E-05	**2.22E-03**	**4.44E-04**
6904144143516	690414	4143516	RESIDENT	2.23E-03	2.60E-05	**2.25E-03**	**4.51E-04**
6904194143516	690419	4143516	RESIDENT	2.26E-03	2.53E-05	**2.29E-03**	**4.57E-04**
6904244143516	690424	4143516	RESIDENT	2.30E-03	2.47E-05	**2.32E-03**	**4.64E-04**
6904294143516	690429	4143516	RESIDENT	2.33E-03	2.40E-05	**2.35E-03**	**4.71E-04**
6904344143516	690434	4143516	RESIDENT	2.36E-03	2.34E-05	**2.39E-03**	**4.77E-04**
6904394143516	690439	4143516	RESIDENT	2.40E-03	2.29E-05	**2.42E-03**	**4.84E-04**
6904444143516	690444	4143516	RESIDENT	2.43E-03	2.23E-05	**2.45E-03**	**4.91E-04**
6904494143516	690449	4143516	RESIDENT	2.47E-03	2.18E-05	**2.49E-03**	**4.98E-04**
6904544143516	690454	4143516	RESIDENT	2.50E-03	2.13E-05	**2.52E-03**	**5.04E-04**
6904594143516	690459	4143516	RESIDENT	2.53E-03	2.08E-05	**2.55E-03**	**5.11E-04**
6904644143516	690464	4143516	RESIDENT	2.57E-03	2.03E-05	**2.59E-03**	**5.17E-04**
6904694143516	690469	4143516	RESIDENT	2.60E-03	1.99E-05	**2.62E-03**	**5.24E-04**
6904744143516	690474	4143516	RESIDENT	2.63E-03	1.94E-05	**2.65E-03**	**5.30E-04**
6904794143516	690479	4143516	RESIDENT	2.67E-03	1.90E-05	**2.68E-03**	**5.37E-04**
6904844143516	690484	4143516	RESIDENT	2.70E-03	1.86E-05	**2.72E-03**	**5.43E-04**
6904894143516	690489	4143516	RESIDENT	2.73E-03	1.82E-05	**2.75E-03**	**5.50E-04**
6904944143516	690494	4143516	RESIDENT	2.76E-03	1.78E-05	**2.78E-03**	**5.56E-04**
6904994143516	690499	4143516	RESIDENT	2.79E-03	1.75E-05	**2.81E-03**	**5.62E-04**
6904044143521	690404	4143521	RESIDENT	2.20E-03	2.80E-05	**2.22E-03**	**4.45E-04**
6904094143521	690409	4143521	RESIDENT	2.23E-03	2.72E-05	**2.26E-03**	**4.51E-04**
6904144143521	690414	4143521	RESIDENT	2.26E-03	2.64E-05	**2.29E-03**	**4.58E-04**
6904194143521	690419	4143521	RESIDENT	2.30E-03	2.57E-05	**2.33E-03**	**4.65E-04**
6904244143521	690424	4143521	RESIDENT	2.33E-03	2.51E-05	**2.36E-03**	**4.72E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904294143521	690429	4143521	RESIDENT	2.37E-03	2.44E-05	**2.39E-03**	**4.79E-04**
6904344143521	690434	4143521	RESIDENT	2.40E-03	2.38E-05	**2.43E-03**	**4.85E-04**
6904394143521	690439	4143521	RESIDENT	2.44E-03	2.32E-05	**2.46E-03**	**4.92E-04**
6904444143521	690444	4143521	RESIDENT	2.47E-03	2.26E-05	**2.50E-03**	**4.99E-04**
6904494143521	690449	4143521	RESIDENT	2.51E-03	2.21E-05	**2.53E-03**	**5.06E-04**
6904544143521	690454	4143521	RESIDENT	2.54E-03	2.15E-05	**2.56E-03**	**5.13E-04**
6904594143521	690459	4143521	RESIDENT	2.58E-03	2.10E-05	**2.60E-03**	**5.19E-04**
6904644143521	690464	4143521	RESIDENT	2.61E-03	2.05E-05	**2.63E-03**	**5.26E-04**
6904694143521	690469	4143521	RESIDENT	2.64E-03	2.01E-05	**2.66E-03**	**5.33E-04**
6904744143521	690474	4143521	RESIDENT	2.68E-03	1.96E-05	**2.70E-03**	**5.39E-04**
6904794143521	690479	4143521	RESIDENT	2.71E-03	1.92E-05	**2.73E-03**	**5.46E-04**
6904844143521	690484	4143521	RESIDENT	2.74E-03	1.88E-05	**2.76E-03**	**5.52E-04**
6904894143521	690489	4143521	RESIDENT	2.77E-03	1.84E-05	**2.79E-03**	**5.59E-04**
6904944143521	690494	4143521	RESIDENT	2.81E-03	1.80E-05	**2.83E-03**	**5.65E-04**
6904994143521	690499	4143521	RESIDENT	2.84E-03	1.76E-05	**2.86E-03**	**5.71E-04**
6904044143526	690404	4143526	RESIDENT	2.23E-03	2.85E-05	**2.26E-03**	**4.52E-04**
6904094143526	690409	4143526	RESIDENT	2.27E-03	2.76E-05	**2.30E-03**	**4.59E-04**
6904144143526	690414	4143526	RESIDENT	2.30E-03	2.69E-05	**2.33E-03**	**4.66E-04**
6904194143526	690419	4143526	RESIDENT	2.34E-03	2.61E-05	**2.36E-03**	**4.73E-04**
6904244143526	690424	4143526	RESIDENT	2.37E-03	2.54E-05	**2.40E-03**	**4.80E-04**
6904294143526	690429	4143526	RESIDENT	2.41E-03	2.47E-05	**2.43E-03**	**4.87E-04**
6904344143526	690434	4143526	RESIDENT	2.44E-03	2.41E-05	**2.47E-03**	**4.94E-04**
6904394143526	690439	4143526	RESIDENT	2.48E-03	2.35E-05	**2.50E-03**	**5.01E-04**
6904444143526	690444	4143526	RESIDENT	2.51E-03	2.29E-05	**2.54E-03**	**5.07E-04**
6904494143526	690449	4143526	RESIDENT	2.55E-03	2.23E-05	**2.57E-03**	**5.14E-04**
6904544143526	690454	4143526	RESIDENT	2.58E-03	2.18E-05	**2.61E-03**	**5.21E-04**
6904594143526	690459	4143526	RESIDENT	2.62E-03	2.12E-05	**2.64E-03**	**5.28E-04**
6904644143526	690464	4143526	RESIDENT	2.65E-03	2.07E-05	**2.67E-03**	**5.35E-04**
6904694143526	690469	4143526	RESIDENT	2.69E-03	2.03E-05	**2.71E-03**	**5.41E-04**
6904744143526	690474	4143526	RESIDENT	2.72E-03	1.98E-05	**2.74E-03**	**5.48E-04**
6904794143526	690479	4143526	RESIDENT	2.75E-03	1.94E-05	**2.77E-03**	**5.55E-04**
6904844143526	690484	4143526	RESIDENT	2.79E-03	1.89E-05	**2.81E-03**	**5.61E-04**
6904894143526	690489	4143526	RESIDENT	2.82E-03	1.85E-05	**2.84E-03**	**5.68E-04**
6904944143526	690494	4143526	RESIDENT	2.85E-03	1.81E-05	**2.87E-03**	**5.74E-04**
6904994143526	690499	4143526	RESIDENT	2.89E-03	1.77E-05	**2.90E-03**	**5.81E-04**
6904044143531	690404	4143531	RESIDENT	2.27E-03	2.89E-05	**2.30E-03**	**4.60E-04**
6904094143531	690409	4143531	RESIDENT	2.31E-03	2.81E-05	**2.33E-03**	**4.67E-04**
6904144143531	690414	4143531	RESIDENT	2.34E-03	2.73E-05	**2.37E-03**	**4.74E-04**
6904194143531	690419	4143531	RESIDENT	2.38E-03	2.65E-05	**2.40E-03**	**4.81E-04**
6904244143531	690424	4143531	RESIDENT	2.41E-03	2.58E-05	**2.44E-03**	**4.88E-04**
6904294143531	690429	4143531	RESIDENT	2.45E-03	2.51E-05	**2.48E-03**	**4.95E-04**
6904344143531	690434	4143531	RESIDENT	2.49E-03	2.44E-05	**2.51E-03**	**5.02E-04**
6904394143531	690439	4143531	RESIDENT	2.52E-03	2.37E-05	**2.55E-03**	**5.09E-04**
6904444143531	690444	4143531	RESIDENT	2.56E-03	2.31E-05	**2.58E-03**	**5.16E-04**
6904494143531	690449	4143531	RESIDENT	2.59E-03	2.25E-05	**2.62E-03**	**5.23E-04**
6904544143531	690454	4143531	RESIDENT	2.63E-03	2.20E-05	**2.65E-03**	**5.30E-04**
6904594143531	690459	4143531	RESIDENT	2.66E-03	2.14E-05	**2.68E-03**	**5.37E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904644143531	690464	4143531	RESIDENT	2.70E-03	2.09E-05	**2.72E-03**	**5.44E-04**
6904694143531	690469	4143531	RESIDENT	2.73E-03	2.04E-05	**2.75E-03**	**5.51E-04**
6904744143531	690474	4143531	RESIDENT	2.77E-03	2.00E-05	**2.79E-03**	**5.57E-04**
6904794143531	690479	4143531	RESIDENT	2.80E-03	1.95E-05	**2.82E-03**	**5.64E-04**
6904844143531	690484	4143531	RESIDENT	2.83E-03	1.91E-05	**2.85E-03**	**5.71E-04**
6904894143531	690489	4143531	RESIDENT	2.87E-03	1.87E-05	**2.89E-03**	**5.77E-04**
6904944143531	690494	4143531	RESIDENT	2.90E-03	1.83E-05	**2.92E-03**	**5.84E-04**
6904994143531	690499	4143531	RESIDENT	2.93E-03	1.79E-05	**2.95E-03**	**5.90E-04**
6904044143536	690404	4143536	RESIDENT	2.31E-03	2.94E-05	**2.34E-03**	**4.68E-04**
6904094143536	690409	4143536	RESIDENT	2.35E-03	2.85E-05	**2.38E-03**	**4.75E-04**
6904144143536	690414	4143536	RESIDENT	2.38E-03	2.77E-05	**2.41E-03**	**4.82E-04**
6904194143536	690419	4143536	RESIDENT	2.42E-03	2.69E-05	**2.45E-03**	**4.89E-04**
6904244143536	690424	4143536	RESIDENT	2.46E-03	2.61E-05	**2.48E-03**	**4.96E-04**
6904294143536	690429	4143536	RESIDENT	2.49E-03	2.54E-05	**2.52E-03**	**5.03E-04**
6904344143536	690434	4143536	RESIDENT	2.53E-03	2.47E-05	**2.55E-03**	**5.11E-04**
6904394143536	690439	4143536	RESIDENT	2.56E-03	2.40E-05	**2.59E-03**	**5.18E-04**
6904444143536	690444	4143536	RESIDENT	2.60E-03	2.34E-05	**2.62E-03**	**5.25E-04**
6904494143536	690449	4143536	RESIDENT	2.64E-03	2.28E-05	**2.66E-03**	**5.32E-04**
6904544143536	690454	4143536	RESIDENT	2.67E-03	2.22E-05	**2.69E-03**	**5.39E-04**
6904594143536	690459	4143536	RESIDENT	2.71E-03	2.17E-05	**2.73E-03**	**5.46E-04**
6904644143536	690464	4143536	RESIDENT	2.74E-03	2.11E-05	**2.76E-03**	**5.53E-04**
6904694143536	690469	4143536	RESIDENT	2.78E-03	2.06E-05	**2.80E-03**	**5.60E-04**
6904744143536	690474	4143536	RESIDENT	2.81E-03	2.01E-05	**2.83E-03**	**5.67E-04**
6904794143536	690479	4143536	RESIDENT	2.85E-03	1.97E-05	**2.87E-03**	**5.73E-04**
6904844143536	690484	4143536	RESIDENT	2.88E-03	1.92E-05	**2.90E-03**	**5.80E-04**
6904894143536	690489	4143536	RESIDENT	2.91E-03	1.88E-05	**2.93E-03**	**5.87E-04**
6904944143536	690494	4143536	RESIDENT	2.95E-03	1.84E-05	**2.97E-03**	**5.93E-04**
6904994143536	690499	4143536	RESIDENT	2.98E-03	1.80E-05	**3.00E-03**	**6.00E-04**
6904044143541	690404	4143541	RESIDENT	2.35E-03	2.98E-05	**2.38E-03**	**4.76E-04**
6904094143541	690409	4143541	RESIDENT	2.39E-03	2.89E-05	**2.42E-03**	**4.83E-04**
6904144143541	690414	4143541	RESIDENT	2.42E-03	2.80E-05	**2.45E-03**	**4.90E-04**
6904194143541	690419	4143541	RESIDENT	2.46E-03	2.72E-05	**2.49E-03**	**4.98E-04**
6904244143541	690424	4143541	RESIDENT	2.50E-03	2.64E-05	**2.52E-03**	**5.05E-04**
6904294143541	690429	4143541	RESIDENT	2.54E-03	2.57E-05	**2.56E-03**	**5.12E-04**
6904344143541	690434	4143541	RESIDENT	2.57E-03	2.49E-05	**2.60E-03**	**5.19E-04**
6904394143541	690439	4143541	RESIDENT	2.61E-03	2.43E-05	**2.63E-03**	**5.27E-04**
6904444143541	690444	4143541	RESIDENT	2.65E-03	2.36E-05	**2.67E-03**	**5.34E-04**
6904494143541	690449	4143541	RESIDENT	2.68E-03	2.30E-05	**2.70E-03**	**5.41E-04**
6904544143541	690454	4143541	RESIDENT	2.72E-03	2.24E-05	**2.74E-03**	**5.48E-04**
6904594143541	690459	4143541	RESIDENT	2.75E-03	2.18E-05	**2.78E-03**	**5.55E-04**
6904644143541	690464	4143541	RESIDENT	2.79E-03	2.13E-05	**2.81E-03**	**5.62E-04**
6904694143541	690469	4143541	RESIDENT	2.83E-03	2.08E-05	**2.85E-03**	**5.69E-04**
6904744143541	690474	4143541	RESIDENT	2.86E-03	2.03E-05	**2.88E-03**	**5.76E-04**
6904794143541	690479	4143541	RESIDENT	2.89E-03	1.98E-05	**2.91E-03**	**5.83E-04**
6904844143541	690484	4143541	RESIDENT	2.93E-03	1.94E-05	**2.95E-03**	**5.90E-04**
6904894143541	690489	4143541	RESIDENT	2.96E-03	1.89E-05	**2.98E-03**	**5.96E-04**
6904944143541	690494	4143541	RESIDENT	3.00E-03	1.85E-05	**3.02E-03**	**6.03E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904994143541	690499	4143541	RESIDENT	3.03E-03	1.81E-05	**3.05E-03**	**6.10E-04**
6904044143546	690404	4143546	RESIDENT	2.39E-03	3.03E-05	**2.42E-03**	**4.84E-04**
6904094143546	690409	4143546	RESIDENT	2.43E-03	2.93E-05	**2.46E-03**	**4.92E-04**
6904144143546	690414	4143546	RESIDENT	2.47E-03	2.84E-05	**2.49E-03**	**4.99E-04**
6904194143546	690419	4143546	RESIDENT	2.50E-03	2.75E-05	**2.53E-03**	**5.06E-04**
6904244143546	690424	4143546	RESIDENT	2.54E-03	2.67E-05	**2.57E-03**	**5.14E-04**
6904294143546	690429	4143546	RESIDENT	2.58E-03	2.59E-05	**2.60E-03**	**5.21E-04**
6904344143546	690434	4143546	RESIDENT	2.62E-03	2.52E-05	**2.64E-03**	**5.28E-04**
6904394143546	690439	4143546	RESIDENT	2.65E-03	2.45E-05	**2.68E-03**	**5.36E-04**
6904444143546	690444	4143546	RESIDENT	2.69E-03	2.38E-05	**2.71E-03**	**5.43E-04**
6904494143546	690449	4143546	RESIDENT	2.73E-03	2.32E-05	**2.75E-03**	**5.50E-04**
6904544143546	690454	4143546	RESIDENT	2.76E-03	2.26E-05	**2.79E-03**	**5.57E-04**
6904594143546	690459	4143546	RESIDENT	2.80E-03	2.20E-05	**2.82E-03**	**5.65E-04**
6904644143546	690464	4143546	RESIDENT	2.84E-03	2.15E-05	**2.86E-03**	**5.72E-04**
6904694143546	690469	4143546	RESIDENT	2.87E-03	2.10E-05	**2.89E-03**	**5.79E-04**
6904744143546	690474	4143546	RESIDENT	2.91E-03	2.05E-05	**2.93E-03**	**5.86E-04**
6904794143546	690479	4143546	RESIDENT	2.94E-03	2.00E-05	**2.96E-03**	**5.93E-04**
6904844143546	690484	4143546	RESIDENT	2.98E-03	1.95E-05	**3.00E-03**	**6.00E-04**
6904894143546	690489	4143546	RESIDENT	3.01E-03	1.91E-05	**3.03E-03**	**6.06E-04**
6904944143546	690494	4143546	RESIDENT	3.05E-03	1.87E-05	**3.07E-03**	**6.13E-04**
6904994143546	690499	4143546	RESIDENT	3.08E-03	1.82E-05	**3.10E-03**	**6.20E-04**
6904044143551	690404	4143551	RESIDENT	2.43E-03	3.07E-05	**2.46E-03**	**4.93E-04**
6904094143551	690409	4143551	RESIDENT	2.47E-03	2.97E-05	**2.50E-03**	**5.00E-04**
6904144143551	690414	4143551	RESIDENT	2.51E-03	2.87E-05	**2.54E-03**	**5.08E-04**
6904194143551	690419	4143551	RESIDENT	2.55E-03	2.78E-05	**2.58E-03**	**5.15E-04**
6904244143551	690424	4143551	RESIDENT	2.59E-03	2.70E-05	**2.61E-03**	**5.23E-04**
6904294143551	690429	4143551	RESIDENT	2.62E-03	2.62E-05	**2.65E-03**	**5.30E-04**
6904344143551	690434	4143551	RESIDENT	2.66E-03	2.54E-05	**2.69E-03**	**5.37E-04**
6904394143551	690439	4143551	RESIDENT	2.70E-03	2.47E-05	**2.72E-03**	**5.45E-04**
6904444143551	690444	4143551	RESIDENT	2.74E-03	2.41E-05	**2.76E-03**	**5.52E-04**
6904494143551	690449	4143551	RESIDENT	2.77E-03	2.34E-05	**2.80E-03**	**5.60E-04**
6904544143551	690454	4143551	RESIDENT	2.81E-03	2.28E-05	**2.84E-03**	**5.67E-04**
6904594143551	690459	4143551	RESIDENT	2.85E-03	2.22E-05	**2.87E-03**	**5.74E-04**
6904644143551	690464	4143551	RESIDENT	2.89E-03	2.17E-05	**2.91E-03**	**5.82E-04**
6904694143551	690469	4143551	RESIDENT	2.92E-03	2.11E-05	**2.94E-03**	**5.89E-04**
6904744143551	690474	4143551	RESIDENT	2.96E-03	2.06E-05	**2.98E-03**	**5.96E-04**
6904794143551	690479	4143551	RESIDENT	2.99E-03	2.01E-05	**3.01E-03**	**6.03E-04**
6904844143551	690484	4143551	RESIDENT	3.03E-03	1.97E-05	**3.05E-03**	**6.10E-04**
6904894143551	690489	4143551	RESIDENT	3.06E-03	1.92E-05	**3.08E-03**	**6.17E-04**
6904944143551	690494	4143551	RESIDENT	3.10E-03	1.88E-05	**3.12E-03**	**6.23E-04**
6904994143551	690499	4143551	RESIDENT	3.13E-03	1.84E-05	**3.15E-03**	**6.30E-04**
6904044143556	690404	4143556	RESIDENT	2.48E-03	3.10E-05	**2.51E-03**	**5.01E-04**
6904094143556	690409	4143556	RESIDENT	2.52E-03	3.00E-05	**2.55E-03**	**5.09E-04**
6904144143556	690414	4143556	RESIDENT	2.55E-03	2.90E-05	**2.58E-03**	**5.17E-04**
6904194143556	690419	4143556	RESIDENT	2.59E-03	2.81E-05	**2.62E-03**	**5.24E-04**
6904244143556	690424	4143556	RESIDENT	2.63E-03	2.73E-05	**2.66E-03**	**5.32E-04**
6904294143556	690429	4143556	RESIDENT	2.67E-03	2.65E-05	**2.70E-03**	**5.39E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904344143556	690434	4143556	RESIDENT	2.71E-03	2.57E-05	**2.73E-03**	**5.47E-04**
6904394143556	690439	4143556	RESIDENT	2.75E-03	2.50E-05	**2.77E-03**	**5.54E-04**
6904444143556	690444	4143556	RESIDENT	2.79E-03	2.43E-05	**2.81E-03**	**5.62E-04**
6904494143556	690449	4143556	RESIDENT	2.82E-03	2.36E-05	**2.85E-03**	**5.69E-04**
6904544143556	690454	4143556	RESIDENT	2.86E-03	2.30E-05	**2.88E-03**	**5.77E-04**
6904594143556	690459	4143556	RESIDENT	2.90E-03	2.24E-05	**2.92E-03**	**5.84E-04**
6904644143556	690464	4143556	RESIDENT	2.94E-03	2.18E-05	**2.96E-03**	**5.91E-04**
6904694143556	690469	4143556	RESIDENT	2.97E-03	2.13E-05	**2.99E-03**	**5.99E-04**
6904044143561	690404	4143561	RESIDENT	2.52E-03	3.14E-05	**2.55E-03**	**5.10E-04**
6904094143561	690409	4143561	RESIDENT	2.56E-03	3.03E-05	**2.59E-03**	**5.18E-04**
6904144143561	690414	4143561	RESIDENT	2.60E-03	2.93E-05	**2.63E-03**	**5.26E-04**
6904194143561	690419	4143561	RESIDENT	2.64E-03	2.84E-05	**2.67E-03**	**5.33E-04**
6904244143561	690424	4143561	RESIDENT	2.68E-03	2.75E-05	**2.71E-03**	**5.41E-04**
6904294143561	690429	4143561	RESIDENT	2.72E-03	2.67E-05	**2.74E-03**	**5.49E-04**
6904344143561	690434	4143561	RESIDENT	2.76E-03	2.59E-05	**2.78E-03**	**5.56E-04**
6904394143561	690439	4143561	RESIDENT	2.80E-03	2.52E-05	**2.82E-03**	**5.64E-04**
6904444143561	690444	4143561	RESIDENT	2.83E-03	2.45E-05	**2.86E-03**	**5.72E-04**
6904494143561	690449	4143561	RESIDENT	2.87E-03	2.38E-05	**2.90E-03**	**5.79E-04**
6904544143561	690454	4143561	RESIDENT	2.91E-03	2.31E-05	**2.93E-03**	**5.87E-04**
6904594143561	690459	4143561	RESIDENT	2.95E-03	2.25E-05	**2.97E-03**	**5.94E-04**
6904644143561	690464	4143561	RESIDENT	2.99E-03	2.20E-05	**3.01E-03**	**6.02E-04**
6904694143561	690469	4143561	RESIDENT	3.02E-03	2.14E-05	**3.04E-03**	**6.09E-04**
6904044143566	690404	4143566	RESIDENT	2.57E-03	3.17E-05	**2.60E-03**	**5.19E-04**
6904094143566	690409	4143566	RESIDENT	2.61E-03	3.06E-05	**2.64E-03**	**5.27E-04**
6904144143566	690414	4143566	RESIDENT	2.65E-03	2.96E-05	**2.67E-03**	**5.35E-04**
6904194143566	690419	4143566	RESIDENT	2.69E-03	2.87E-05	**2.71E-03**	**5.43E-04**
6904244143566	690424	4143566	RESIDENT	2.73E-03	2.78E-05	**2.75E-03**	**5.51E-04**
6904294143566	690429	4143566	RESIDENT	2.77E-03	2.69E-05	**2.79E-03**	**5.58E-04**
6904344143566	690434	4143566	RESIDENT	2.80E-03	2.61E-05	**2.83E-03**	**5.66E-04**
6904394143566	690439	4143566	RESIDENT	2.84E-03	2.54E-05	**2.87E-03**	**5.74E-04**
6904444143566	690444	4143566	RESIDENT	2.88E-03	2.46E-05	**2.91E-03**	**5.82E-04**
6904494143566	690449	4143566	RESIDENT	2.92E-03	2.40E-05	**2.95E-03**	**5.89E-04**
6904544143566	690454	4143566	RESIDENT	2.96E-03	2.33E-05	**2.98E-03**	**5.97E-04**
6904594143566	690459	4143566	RESIDENT	3.00E-03	2.27E-05	**3.02E-03**	**6.05E-04**
6904644143566	690464	4143566	RESIDENT	3.04E-03	2.21E-05	**3.06E-03**	**6.12E-04**
6904694143566	690469	4143566	RESIDENT	3.08E-03	2.16E-05	**3.10E-03**	**6.19E-04**
6904044143571	690404	4143571	RESIDENT	2.61E-03	3.20E-05	**2.64E-03**	**5.29E-04**
6904094143571	690409	4143571	RESIDENT	2.65E-03	3.09E-05	**2.68E-03**	**5.37E-04**
6904144143571	690414	4143571	RESIDENT	2.69E-03	2.99E-05	**2.72E-03**	**5.45E-04**
6904194143571	690419	4143571	RESIDENT	2.73E-03	2.89E-05	**2.76E-03**	**5.52E-04**
6904244143571	690424	4143571	RESIDENT	2.77E-03	2.80E-05	**2.80E-03**	**5.60E-04**
6904294143571	690429	4143571	RESIDENT	2.81E-03	2.71E-05	**2.84E-03**	**5.68E-04**
6904344143571	690434	4143571	RESIDENT	2.85E-03	2.63E-05	**2.88E-03**	**5.76E-04**
6904394143571	690439	4143571	RESIDENT	2.89E-03	2.55E-05	**2.92E-03**	**5.84E-04**
6904444143571	690444	4143571	RESIDENT	2.93E-03	2.48E-05	**2.96E-03**	**5.92E-04**
6904494143571	690449	4143571	RESIDENT	2.97E-03	2.41E-05	**3.00E-03**	**6.00E-04**
6904544143571	690454	4143571	RESIDENT	3.01E-03	2.35E-05	**3.04E-03**	**6.07E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904594143571	690459	4143571	RESIDENT	3.05E-03	2.28E-05	**3.08E-03**	**6.15E-04**
6904644143571	690464	4143571	RESIDENT	3.09E-03	2.23E-05	**3.11E-03**	**6.23E-04**
6904694143571	690469	4143571	RESIDENT	3.13E-03	2.17E-05	**3.15E-03**	**6.30E-04**
6904044143576	690404	4143576	RESIDENT	2.66E-03	3.23E-05	**2.69E-03**	**5.38E-04**
6904094143576	690409	4143576	RESIDENT	2.70E-03	3.12E-05	**2.73E-03**	**5.46E-04**
6904144143576	690414	4143576	RESIDENT	2.74E-03	3.01E-05	**2.77E-03**	**5.54E-04**
6904194143576	690419	4143576	RESIDENT	2.78E-03	2.91E-05	**2.81E-03**	**5.62E-04**
6904244143576	690424	4143576	RESIDENT	2.82E-03	2.82E-05	**2.85E-03**	**5.70E-04**
6904294143576	690429	4143576	RESIDENT	2.86E-03	2.73E-05	**2.89E-03**	**5.78E-04**
6904344143576	690434	4143576	RESIDENT	2.91E-03	2.65E-05	**2.93E-03**	**5.86E-04**
6904394143576	690439	4143576	RESIDENT	2.95E-03	2.57E-05	**2.97E-03**	**5.94E-04**
6904444143576	690444	4143576	RESIDENT	2.99E-03	2.50E-05	**3.01E-03**	**6.02E-04**
6904494143576	690449	4143576	RESIDENT	3.03E-03	2.43E-05	**3.05E-03**	**6.10E-04**
6904544143576	690454	4143576	RESIDENT	3.07E-03	2.36E-05	**3.09E-03**	**6.18E-04**
6904594143576	690459	4143576	RESIDENT	3.11E-03	2.30E-05	**3.13E-03**	**6.26E-04**
6904644143576	690464	4143576	RESIDENT	3.15E-03	2.24E-05	**3.17E-03**	**6.34E-04**
6904694143576	690469	4143576	RESIDENT	3.18E-03	2.18E-05	**3.21E-03**	**6.41E-04**
6904044143581	690404	4143581	RESIDENT	2.71E-03	3.26E-05	**2.74E-03**	**5.48E-04**
6904094143581	690409	4143581	RESIDENT	2.75E-03	3.14E-05	**2.78E-03**	**5.56E-04**
6904144143581	690414	4143581	RESIDENT	2.79E-03	3.04E-05	**2.82E-03**	**5.64E-04**
6904194143581	690419	4143581	RESIDENT	2.83E-03	2.94E-05	**2.86E-03**	**5.72E-04**
6904244143581	690424	4143581	RESIDENT	2.87E-03	2.84E-05	**2.90E-03**	**5.81E-04**
6904294143581	690429	4143581	RESIDENT	2.92E-03	2.75E-05	**2.94E-03**	**5.89E-04**
6904344143581	690434	4143581	RESIDENT	2.96E-03	2.67E-05	**2.98E-03**	**5.97E-04**
6904394143581	690439	4143581	RESIDENT	3.00E-03	2.59E-05	**3.03E-03**	**6.05E-04**
6904444143581	690444	4143581	RESIDENT	3.04E-03	2.52E-05	**3.07E-03**	**6.13E-04**
6904494143581	690449	4143581	RESIDENT	3.08E-03	2.44E-05	**3.11E-03**	**6.21E-04**
6904544143581	690454	4143581	RESIDENT	3.12E-03	2.38E-05	**3.15E-03**	**6.29E-04**
6904594143581	690459	4143581	RESIDENT	3.16E-03	2.31E-05	**3.18E-03**	**6.37E-04**
6904644143581	690464	4143581	RESIDENT	3.20E-03	2.25E-05	**3.22E-03**	**6.45E-04**
6904694143581	690469	4143581	RESIDENT	3.24E-03	2.19E-05	**3.26E-03**	**6.52E-04**
6904044143586	690404	4143586	RESIDENT	2.76E-03	3.28E-05	**2.79E-03**	**5.58E-04**
6904094143586	690409	4143586	RESIDENT	2.80E-03	3.17E-05	**2.83E-03**	**5.66E-04**
6904144143586	690414	4143586	RESIDENT	2.84E-03	3.06E-05	**2.87E-03**	**5.74E-04**
6904194143586	690419	4143586	RESIDENT	2.88E-03	2.96E-05	**2.91E-03**	**5.83E-04**
6904244143586	690424	4143586	RESIDENT	2.93E-03	2.86E-05	**2.96E-03**	**5.91E-04**
6904294143586	690429	4143586	RESIDENT	2.97E-03	2.77E-05	**3.00E-03**	**5.99E-04**
6904344143586	690434	4143586	RESIDENT	3.01E-03	2.69E-05	**3.04E-03**	**6.08E-04**
6904394143586	690439	4143586	RESIDENT	3.05E-03	2.61E-05	**3.08E-03**	**6.16E-04**
6904444143586	690444	4143586	RESIDENT	3.09E-03	2.53E-05	**3.12E-03**	**6.24E-04**
6904494143586	690449	4143586	RESIDENT	3.14E-03	2.46E-05	**3.16E-03**	**6.32E-04**
6904544143586	690454	4143586	RESIDENT	3.18E-03	2.39E-05	**3.20E-03**	**6.40E-04**
6904594143586	690459	4143586	RESIDENT	3.22E-03	2.33E-05	**3.24E-03**	**6.48E-04**
6904644143586	690464	4143586	RESIDENT	3.26E-03	2.26E-05	**3.28E-03**	**6.56E-04**
6904694143586	690469	4143586	RESIDENT	3.30E-03	2.21E-05	**3.32E-03**	**6.64E-04**
6904044143591	690404	4143591	RESIDENT	2.81E-03	3.31E-05	**2.84E-03**	**5.68E-04**
6904094143591	690409	4143591	RESIDENT	2.85E-03	3.19E-05	**2.88E-03**	**5.76E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904144143591	690414	4143591	RESIDENT	2.89E-03	3.08E-05	**2.92E-03**	**5.85E-04**
6904194143591	690419	4143591	RESIDENT	2.94E-03	2.98E-05	**2.97E-03**	**5.93E-04**
6904244143591	690424	4143591	RESIDENT	2.98E-03	2.88E-05	**3.01E-03**	**6.02E-04**
6904294143591	690429	4143591	RESIDENT	3.02E-03	2.79E-05	**3.05E-03**	**6.10E-04**
6904344143591	690434	4143591	RESIDENT	3.07E-03	2.70E-05	**3.09E-03**	**6.19E-04**
6904394143591	690439	4143591	RESIDENT	3.11E-03	2.62E-05	**3.13E-03**	**6.27E-04**
6904444143591	690444	4143591	RESIDENT	3.15E-03	2.55E-05	**3.18E-03**	**6.35E-04**
6904494143591	690449	4143591	RESIDENT	3.19E-03	2.47E-05	**3.22E-03**	**6.43E-04**
6904544143591	690454	4143591	RESIDENT	3.23E-03	2.40E-05	**3.26E-03**	**6.52E-04**
6904594143591	690459	4143591	RESIDENT	3.27E-03	2.34E-05	**3.30E-03**	**6.60E-04**
6904644143591	690464	4143591	RESIDENT	3.32E-03	2.28E-05	**3.34E-03**	**6.68E-04**
6904694143591	690469	4143591	RESIDENT	3.36E-03	2.22E-05	**3.38E-03**	**6.75E-04**
6904044143596	690404	4143596	RESIDENT	2.86E-03	3.33E-05	**2.89E-03**	**5.78E-04**
6904094143596	690409	4143596	RESIDENT	2.90E-03	3.21E-05	**2.94E-03**	**5.87E-04**
6904144143596	690414	4143596	RESIDENT	2.95E-03	3.10E-05	**2.98E-03**	**5.96E-04**
6904194143596	690419	4143596	RESIDENT	2.99E-03	3.00E-05	**3.02E-03**	**6.04E-04**
6904244143596	690424	4143596	RESIDENT	3.04E-03	2.90E-05	**3.06E-03**	**6.13E-04**
6904294143596	690429	4143596	RESIDENT	3.08E-03	2.81E-05	**3.11E-03**	**6.21E-04**
6904344143596	690434	4143596	RESIDENT	3.12E-03	2.72E-05	**3.15E-03**	**6.30E-04**
6904394143596	690439	4143596	RESIDENT	3.17E-03	2.64E-05	**3.19E-03**	**6.38E-04**
6904444143596	690444	4143596	RESIDENT	3.21E-03	2.56E-05	**3.23E-03**	**6.47E-04**
6904494143596	690449	4143596	RESIDENT	3.25E-03	2.49E-05	**3.28E-03**	**6.55E-04**
6904544143596	690454	4143596	RESIDENT	3.29E-03	2.42E-05	**3.32E-03**	**6.63E-04**
6904594143596	690459	4143596	RESIDENT	3.33E-03	2.35E-05	**3.36E-03**	**6.71E-04**
6904644143596	690464	4143596	RESIDENT	3.37E-03	2.29E-05	**3.40E-03**	**6.79E-04**
6904694143596	690469	4143596	RESIDENT	3.41E-03	2.23E-05	**3.44E-03**	**6.87E-04**
6904044143601	690404	4143601	RESIDENT	2.91E-03	3.35E-05	**2.95E-03**	**5.89E-04**
6904094143601	690409	4143601	RESIDENT	2.96E-03	3.23E-05	**2.99E-03**	**5.98E-04**
6904144143601	690414	4143601	RESIDENT	3.00E-03	3.12E-05	**3.03E-03**	**6.07E-04**
6904194143601	690419	4143601	RESIDENT	3.05E-03	3.01E-05	**3.08E-03**	**6.15E-04**
6904244143601	690424	4143601	RESIDENT	3.09E-03	2.92E-05	**3.12E-03**	**6.24E-04**
6904294143601	690429	4143601	RESIDENT	3.14E-03	2.82E-05	**3.16E-03**	**6.33E-04**
6904344143601	690434	4143601	RESIDENT	3.18E-03	2.73E-05	**3.21E-03**	**6.41E-04**
6904394143601	690439	4143601	RESIDENT	3.22E-03	2.65E-05	**3.25E-03**	**6.50E-04**
6904444143601	690444	4143601	RESIDENT	3.27E-03	2.57E-05	**3.29E-03**	**6.58E-04**
6904494143601	690449	4143601	RESIDENT	3.31E-03	2.50E-05	**3.33E-03**	**6.67E-04**
6904544143601	690454	4143601	RESIDENT	3.35E-03	2.43E-05	**3.38E-03**	**6.75E-04**
6904594143601	690459	4143601	RESIDENT	3.39E-03	2.36E-05	**3.42E-03**	**6.83E-04**
6904644143601	690464	4143601	RESIDENT	3.43E-03	2.30E-05	**3.46E-03**	**6.92E-04**
6904694143601	690469	4143601	RESIDENT	3.48E-03	2.24E-05	**3.50E-03**	**7.00E-04**
6904044143606	690404	4143606	RESIDENT	2.97E-03	3.38E-05	**3.00E-03**	**6.00E-04**
6904094143606	690409	4143606	RESIDENT	3.01E-03	3.25E-05	**3.04E-03**	**6.09E-04**
6904144143606	690414	4143606	RESIDENT	3.06E-03	3.14E-05	**3.09E-03**	**6.18E-04**
6904194143606	690419	4143606	RESIDENT	3.10E-03	3.03E-05	**3.13E-03**	**6.27E-04**
6904244143606	690424	4143606	RESIDENT	3.15E-03	2.93E-05	**3.18E-03**	**6.36E-04**
6904294143606	690429	4143606	RESIDENT	3.19E-03	2.84E-05	**3.22E-03**	**6.44E-04**
6904344143606	690434	4143606	RESIDENT	3.24E-03	2.75E-05	**3.27E-03**	**6.53E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904394143606	690439	4143606	RESIDENT	3.28E-03	2.67E-05	**3.31E-03**	**6.62E-04**
6904444143606	690444	4143606	RESIDENT	3.33E-03	2.59E-05	**3.35E-03**	**6.70E-04**
6904494143606	690449	4143606	RESIDENT	3.37E-03	2.51E-05	**3.39E-03**	**6.79E-04**
6904544143606	690454	4143606	RESIDENT	3.41E-03	2.44E-05	**3.44E-03**	**6.87E-04**
6904594143606	690459	4143606	RESIDENT	3.45E-03	2.37E-05	**3.48E-03**	**6.96E-04**
6904644143606	690464	4143606	RESIDENT	3.50E-03	2.31E-05	**3.52E-03**	**7.04E-04**
6904694143606	690469	4143606	RESIDENT	3.54E-03	2.25E-05	**3.56E-03**	**7.12E-04**
6904044143611	690404	4143611	RESIDENT	3.02E-03	3.40E-05	**3.06E-03**	**6.11E-04**
6904094143611	690409	4143611	RESIDENT	3.07E-03	3.27E-05	**3.10E-03**	**6.20E-04**
6904144143611	690414	4143611	RESIDENT	3.11E-03	3.16E-05	**3.15E-03**	**6.29E-04**
6904194143611	690419	4143611	RESIDENT	3.16E-03	3.05E-05	**3.19E-03**	**6.38E-04**
6904244143611	690424	4143611	RESIDENT	3.21E-03	2.95E-05	**3.24E-03**	**6.47E-04**
6904294143611	690429	4143611	RESIDENT	3.25E-03	2.85E-05	**3.28E-03**	**6.56E-04**
6904344143611	690434	4143611	RESIDENT	3.30E-03	2.76E-05	**3.33E-03**	**6.65E-04**
6904394143611	690439	4143611	RESIDENT	3.34E-03	2.68E-05	**3.37E-03**	**6.74E-04**
6904444143611	690444	4143611	RESIDENT	3.39E-03	2.60E-05	**3.41E-03**	**6.83E-04**
6904494143611	690449	4143611	RESIDENT	3.43E-03	2.52E-05	**3.46E-03**	**6.91E-04**
6904544143611	690454	4143611	RESIDENT	3.47E-03	2.45E-05	**3.50E-03**	**7.00E-04**
6904594143611	690459	4143611	RESIDENT	3.52E-03	2.38E-05	**3.54E-03**	**7.08E-04**
6904644143611	690464	4143611	RESIDENT	3.56E-03	2.32E-05	**3.58E-03**	**7.17E-04**
6904694143611	690469	4143611	RESIDENT	3.60E-03	2.26E-05	**3.62E-03**	**7.25E-04**
6904044143616	690404	4143616	RESIDENT	3.08E-03	3.42E-05	**3.11E-03**	**6.23E-04**
6904094143616	690409	4143616	RESIDENT	3.13E-03	3.29E-05	**3.16E-03**	**6.32E-04**
6904144143616	690414	4143616	RESIDENT	3.17E-03	3.18E-05	**3.21E-03**	**6.41E-04**
6904194143616	690419	4143616	RESIDENT	3.22E-03	3.07E-05	**3.25E-03**	**6.50E-04**
6904244143616	690424	4143616	RESIDENT	3.27E-03	2.96E-05	**3.30E-03**	**6.59E-04**
6904294143616	690429	4143616	RESIDENT	3.31E-03	2.87E-05	**3.34E-03**	**6.68E-04**
6904344143616	690434	4143616	RESIDENT	3.36E-03	2.78E-05	**3.39E-03**	**6.77E-04**
6904394143616	690439	4143616	RESIDENT	3.40E-03	2.69E-05	**3.43E-03**	**6.86E-04**
6904444143616	690444	4143616	RESIDENT	3.45E-03	2.61E-05	**3.48E-03**	**6.95E-04**
6904494143616	690449	4143616	RESIDENT	3.49E-03	2.54E-05	**3.52E-03**	**7.04E-04**
6904544143616	690454	4143616	RESIDENT	3.54E-03	2.46E-05	**3.56E-03**	**7.13E-04**
6904594143616	690459	4143616	RESIDENT	3.58E-03	2.40E-05	**3.61E-03**	**7.21E-04**
6904644143616	690464	4143616	RESIDENT	3.62E-03	2.33E-05	**3.65E-03**	**7.30E-04**
6904694143616	690469	4143616	RESIDENT	3.67E-03	2.27E-05	**3.69E-03**	**7.38E-04**
6904044143621	690404	4143621	RESIDENT	3.14E-03	3.44E-05	**3.17E-03**	**6.34E-04**
6904094143621	690409	4143621	RESIDENT	3.19E-03	3.31E-05	**3.22E-03**	**6.44E-04**
6904144143621	690414	4143621	RESIDENT	3.23E-03	3.19E-05	**3.27E-03**	**6.53E-04**
6904194143621	690419	4143621	RESIDENT	3.28E-03	3.08E-05	**3.31E-03**	**6.62E-04**
6904244143621	690424	4143621	RESIDENT	3.33E-03	2.98E-05	**3.36E-03**	**6.72E-04**
6904294143621	690429	4143621	RESIDENT	3.38E-03	2.88E-05	**3.40E-03**	**6.81E-04**
6904344143621	690434	4143621	RESIDENT	3.42E-03	2.79E-05	**3.45E-03**	**6.90E-04**
6904394143621	690439	4143621	RESIDENT	3.47E-03	2.71E-05	**3.50E-03**	**6.99E-04**
6904444143621	690444	4143621	RESIDENT	3.51E-03	2.62E-05	**3.54E-03**	**7.08E-04**
6904494143621	690449	4143621	RESIDENT	3.56E-03	2.55E-05	**3.58E-03**	**7.17E-04**
6904544143621	690454	4143621	RESIDENT	3.60E-03	2.47E-05	**3.63E-03**	**7.26E-04**
6904594143621	690459	4143621	RESIDENT	3.65E-03	2.41E-05	**3.67E-03**	**7.34E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904644143621	690464	4143621	RESIDENT	3.69E-03	2.34E-05	**3.71E-03**	**7.43E-04**
6904694143621	690469	4143621	RESIDENT	3.73E-03	2.28E-05	**3.76E-03**	**7.51E-04**
6904044143626	690404	4143626	RESIDENT	3.20E-03	3.45E-05	**3.23E-03**	**6.46E-04**
6904094143626	690409	4143626	RESIDENT	3.25E-03	3.33E-05	**3.28E-03**	**6.56E-04**
6904144143626	690414	4143626	RESIDENT	3.30E-03	3.21E-05	**3.33E-03**	**6.65E-04**
6904194143626	690419	4143626	RESIDENT	3.34E-03	3.10E-05	**3.37E-03**	**6.75E-04**
6904244143626	690424	4143626	RESIDENT	3.39E-03	2.99E-05	**3.42E-03**	**6.84E-04**
6904294143626	690429	4143626	RESIDENT	3.44E-03	2.90E-05	**3.47E-03**	**6.94E-04**
6904344143626	690434	4143626	RESIDENT	3.49E-03	2.80E-05	**3.51E-03**	**7.03E-04**
6904394143626	690439	4143626	RESIDENT	3.53E-03	2.72E-05	**3.56E-03**	**7.12E-04**
6904444143626	690444	4143626	RESIDENT	3.58E-03	2.64E-05	**3.61E-03**	**7.21E-04**
6904494143626	690449	4143626	RESIDENT	3.63E-03	2.56E-05	**3.65E-03**	**7.30E-04**
6904544143626	690454	4143626	RESIDENT	3.67E-03	2.49E-05	**3.70E-03**	**7.39E-04**
6904594143626	690459	4143626	RESIDENT	3.71E-03	2.42E-05	**3.74E-03**	**7.48E-04**
6904644143626	690464	4143626	RESIDENT	3.76E-03	2.35E-05	**3.78E-03**	**7.56E-04**
6904044143631	690404	4143631	RESIDENT	3.26E-03	3.47E-05	**3.29E-03**	**6.59E-04**
6904094143631	690409	4143631	RESIDENT	3.31E-03	3.34E-05	**3.34E-03**	**6.68E-04**
6904144143631	690414	4143631	RESIDENT	3.36E-03	3.23E-05	**3.39E-03**	**6.78E-04**
6904194143631	690419	4143631	RESIDENT	3.41E-03	3.11E-05	**3.44E-03**	**6.88E-04**
6904244143631	690424	4143631	RESIDENT	3.46E-03	3.01E-05	**3.49E-03**	**6.97E-04**
6904294143631	690429	4143631	RESIDENT	3.50E-03	2.91E-05	**3.53E-03**	**7.07E-04**
6904344143631	690434	4143631	RESIDENT	3.55E-03	2.82E-05	**3.58E-03**	**7.16E-04**
6904394143631	690439	4143631	RESIDENT	3.60E-03	2.73E-05	**3.63E-03**	**7.25E-04**
6904444143631	690444	4143631	RESIDENT	3.65E-03	2.65E-05	**3.67E-03**	**7.35E-04**
6904494143631	690449	4143631	RESIDENT	3.69E-03	2.57E-05	**3.72E-03**	**7.44E-04**
6904544143631	690454	4143631	RESIDENT	3.74E-03	2.50E-05	**3.76E-03**	**7.53E-04**
6904594143631	690459	4143631	RESIDENT	3.78E-03	2.43E-05	**3.81E-03**	**7.62E-04**
6904644143631	690464	4143631	RESIDENT	3.83E-03	2.36E-05	**3.85E-03**	**7.70E-04**
6904044143636	690404	4143636	RESIDENT	3.32E-03	3.49E-05	**3.36E-03**	**6.71E-04**
6904094143636	690409	4143636	RESIDENT	3.37E-03	3.36E-05	**3.41E-03**	**6.81E-04**
6904144143636	690414	4143636	RESIDENT	3.42E-03	3.24E-05	**3.46E-03**	**6.91E-04**
6904194143636	690419	4143636	RESIDENT	3.47E-03	3.13E-05	**3.50E-03**	**7.01E-04**
6904244143636	690424	4143636	RESIDENT	3.52E-03	3.02E-05	**3.55E-03**	**7.11E-04**
6904294143636	690429	4143636	RESIDENT	3.57E-03	2.92E-05	**3.60E-03**	**7.20E-04**
6904344143636	690434	4143636	RESIDENT	3.62E-03	2.83E-05	**3.65E-03**	**7.30E-04**
6904394143636	690439	4143636	RESIDENT	3.67E-03	2.74E-05	**3.70E-03**	**7.39E-04**
6904444143636	690444	4143636	RESIDENT	3.72E-03	2.66E-05	**3.74E-03**	**7.48E-04**
6904494143636	690449	4143636	RESIDENT	3.76E-03	2.58E-05	**3.79E-03**	**7.58E-04**
6904544143636	690454	4143636	RESIDENT	3.81E-03	2.51E-05	**3.83E-03**	**7.67E-04**
6904594143636	690459	4143636	RESIDENT	3.85E-03	2.44E-05	**3.88E-03**	**7.76E-04**
6904644143636	690464	4143636	RESIDENT	3.90E-03	2.37E-05	**3.92E-03**	**7.84E-04**
6904044143641	690404	4143641	RESIDENT	3.39E-03	3.51E-05	**3.42E-03**	**6.84E-04**
6904094143641	690409	4143641	RESIDENT	3.44E-03	3.38E-05	**3.47E-03**	**6.94E-04**
6904144143641	690414	4143641	RESIDENT	3.49E-03	3.26E-05	**3.52E-03**	**7.04E-04**
6904194143641	690419	4143641	RESIDENT	3.54E-03	3.14E-05	**3.57E-03**	**7.14E-04**
6904244143641	690424	4143641	RESIDENT	3.59E-03	3.04E-05	**3.62E-03**	**7.24E-04**
6904294143641	690429	4143641	RESIDENT	3.64E-03	2.94E-05	**3.67E-03**	**7.34E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m³)	5.0			CSTN Year 1			
				Project Concentrations (µg/m³)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904344143641	690434	4143641	RESIDENT	3.69E-03	2.84E-05	**3.72E-03**	**7.43E-04**
6904394143641	690439	4143641	RESIDENT	3.74E-03	2.75E-05	**3.77E-03**	**7.53E-04**
6904444143641	690444	4143641	RESIDENT	3.79E-03	2.67E-05	**3.81E-03**	**7.62E-04**
6904494143641	690449	4143641	RESIDENT	3.83E-03	2.59E-05	**3.86E-03**	**7.72E-04**
6904544143641	690454	4143641	RESIDENT	3.88E-03	2.52E-05	**3.90E-03**	**7.81E-04**
6904594143641	690459	4143641	RESIDENT	3.93E-03	2.45E-05	**3.95E-03**	**7.90E-04**
6904644143641	690464	4143641	RESIDENT	3.97E-03	2.38E-05	**3.99E-03**	**7.99E-04**
6904044143646	690404	4143646	RESIDENT	3.45E-03	3.52E-05	**3.49E-03**	**6.98E-04**
6904094143646	690409	4143646	RESIDENT	3.51E-03	3.39E-05	**3.54E-03**	**7.08E-04**
6904144143646	690414	4143646	RESIDENT	3.56E-03	3.27E-05	**3.59E-03**	**7.18E-04**
6904194143646	690419	4143646	RESIDENT	3.61E-03	3.16E-05	**3.64E-03**	**7.28E-04**
6904244143646	690424	4143646	RESIDENT	3.66E-03	3.05E-05	**3.69E-03**	**7.38E-04**
6904294143646	690429	4143646	RESIDENT	3.71E-03	2.95E-05	**3.74E-03**	**7.48E-04**
6904344143646	690434	4143646	RESIDENT	3.76E-03	2.86E-05	**3.79E-03**	**7.58E-04**
6904394143646	690439	4143646	RESIDENT	3.81E-03	2.77E-05	**3.84E-03**	**7.67E-04**
6904444143646	690444	4143646	RESIDENT	3.86E-03	2.68E-05	**3.88E-03**	**7.77E-04**
6904494143646	690449	4143646	RESIDENT	3.91E-03	2.60E-05	**3.93E-03**	**7.86E-04**
6904544143646	690454	4143646	RESIDENT	3.95E-03	2.53E-05	**3.98E-03**	**7.96E-04**
6904594143646	690459	4143646	RESIDENT	4.00E-03	2.46E-05	**4.02E-03**	**8.05E-04**
6904644143646	690464	4143646	RESIDENT	4.04E-03	2.39E-05	**4.07E-03**	**8.14E-04**
6904044143651	690404	4143651	RESIDENT	3.52E-03	3.54E-05	**3.56E-03**	**7.11E-04**
6904094143651	690409	4143651	RESIDENT	3.57E-03	3.41E-05	**3.61E-03**	**7.22E-04**
6904144143651	690414	4143651	RESIDENT	3.63E-03	3.29E-05	**3.66E-03**	**7.32E-04**
6904194143651	690419	4143651	RESIDENT	3.68E-03	3.17E-05	**3.71E-03**	**7.42E-04**
6904244143651	690424	4143651	RESIDENT	3.73E-03	3.06E-05	**3.76E-03**	**7.52E-04**
6904294143651	690429	4143651	RESIDENT	3.78E-03	2.96E-05	**3.81E-03**	**7.62E-04**
6904344143651	690434	4143651	RESIDENT	3.83E-03	2.87E-05	**3.86E-03**	**7.72E-04**
6904394143651	690439	4143651	RESIDENT	3.88E-03	2.78E-05	**3.91E-03**	**7.82E-04**
6904444143651	690444	4143651	RESIDENT	3.93E-03	2.69E-05	**3.96E-03**	**7.92E-04**
6904494143651	690449	4143651	RESIDENT	3.98E-03	2.61E-05	**4.01E-03**	**8.01E-04**
6904544143651	690454	4143651	RESIDENT	4.03E-03	2.54E-05	**4.05E-03**	**8.11E-04**
6904594143651	690459	4143651	RESIDENT	4.07E-03	2.46E-05	**4.10E-03**	**8.20E-04**
6904644143651	690464	4143651	RESIDENT	4.12E-03	2.40E-05	**4.14E-03**	**8.29E-04**
6904044143656	690404	4143656	RESIDENT	3.59E-03	3.56E-05	**3.63E-03**	**7.25E-04**
6904094143656	690409	4143656	RESIDENT	3.64E-03	3.42E-05	**3.68E-03**	**7.36E-04**
6904144143656	690414	4143656	RESIDENT	3.70E-03	3.30E-05	**3.73E-03**	**7.46E-04**
6904194143656	690419	4143656	RESIDENT	3.75E-03	3.18E-05	**3.78E-03**	**7.57E-04**
6904244143656	690424	4143656	RESIDENT	3.80E-03	3.08E-05	**3.83E-03**	**7.67E-04**
6904294143656	690429	4143656	RESIDENT	3.86E-03	2.97E-05	**3.89E-03**	**7.77E-04**
6904344143656	690434	4143656	RESIDENT	3.91E-03	2.88E-05	**3.94E-03**	**7.87E-04**
6904394143656	690439	4143656	RESIDENT	3.96E-03	2.79E-05	**3.98E-03**	**7.97E-04**
6904444143656	690444	4143656	RESIDENT	4.01E-03	2.70E-05	**4.03E-03**	**8.07E-04**
6904494143656	690449	4143656	RESIDENT	4.06E-03	2.62E-05	**4.08E-03**	**8.16E-04**
6904544143656	690454	4143656	RESIDENT	4.10E-03	2.55E-05	**4.13E-03**	**8.26E-04**
6904594143656	690459	4143656	RESIDENT	4.15E-03	2.47E-05	**4.18E-03**	**8.35E-04**
6904644143656	690464	4143656	RESIDENT	4.20E-03	2.41E-05	**4.22E-03**	**8.44E-04**
6904044143661	690404	4143661	RESIDENT	3.66E-03	3.57E-05	**3.70E-03**	**7.40E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904094143661	690409	4143661	RESIDENT	3.72E-03	3.44E-05	**3.75E-03**	**7.50E-04**
6904144143661	690414	4143661	RESIDENT	3.77E-03	3.31E-05	**3.80E-03**	**7.61E-04**
6904194143661	690419	4143661	RESIDENT	3.83E-03	3.20E-05	**3.86E-03**	**7.71E-04**
6904244143661	690424	4143661	RESIDENT	3.88E-03	3.09E-05	**3.91E-03**	**7.82E-04**
6904294143661	690429	4143661	RESIDENT	3.93E-03	2.99E-05	**3.96E-03**	**7.92E-04**
6904344143661	690434	4143661	RESIDENT	3.98E-03	2.89E-05	**4.01E-03**	**8.02E-04**
6904394143661	690439	4143661	RESIDENT	4.03E-03	2.80E-05	**4.06E-03**	**8.12E-04**
6904444143661	690444	4143661	RESIDENT	4.08E-03	2.71E-05	**4.11E-03**	**8.22E-04**
6904494143661	690449	4143661	RESIDENT	4.13E-03	2.63E-05	**4.16E-03**	**8.32E-04**
6904544143661	690454	4143661	RESIDENT	4.18E-03	2.56E-05	**4.21E-03**	**8.42E-04**
6904594143661	690459	4143661	RESIDENT	4.23E-03	2.48E-05	**4.25E-03**	**8.51E-04**
6904644143661	690464	4143661	RESIDENT	4.28E-03	2.41E-05	**4.30E-03**	**8.60E-04**
6904044143666	690404	4143666	RESIDENT	3.74E-03	3.59E-05	**3.77E-03**	**7.54E-04**
6904094143666	690409	4143666	RESIDENT	3.79E-03	3.45E-05	**3.83E-03**	**7.65E-04**
6904144143666	690414	4143666	RESIDENT	3.85E-03	3.33E-05	**3.88E-03**	**7.76E-04**
6904194143666	690419	4143666	RESIDENT	3.90E-03	3.21E-05	**3.93E-03**	**7.87E-04**
6904244143666	690424	4143666	RESIDENT	3.95E-03	3.10E-05	**3.99E-03**	**7.97E-04**
6904294143666	690429	4143666	RESIDENT	4.01E-03	3.00E-05	**4.04E-03**	**8.08E-04**
6904344143666	690434	4143666	RESIDENT	4.06E-03	2.90E-05	**4.09E-03**	**8.18E-04**
6904394143666	690439	4143666	RESIDENT	4.11E-03	2.81E-05	**4.14E-03**	**8.28E-04**
6904444143666	690444	4143666	RESIDENT	4.16E-03	2.72E-05	**4.19E-03**	**8.38E-04**
6904494143666	690449	4143666	RESIDENT	4.21E-03	2.64E-05	**4.24E-03**	**8.48E-04**
6904544143666	690454	4143666	RESIDENT	4.26E-03	2.56E-05	**4.29E-03**	**8.58E-04**
6904594143666	690459	4143666	RESIDENT	4.31E-03	2.49E-05	**4.34E-03**	**8.67E-04**
6904644143666	690464	4143666	RESIDENT	4.36E-03	2.42E-05	**4.38E-03**	**8.76E-04**
6904044143671	690404	4143671	RESIDENT	3.81E-03	3.60E-05	**3.85E-03**	**7.69E-04**
6904094143671	690409	4143671	RESIDENT	3.87E-03	3.47E-05	**3.90E-03**	**7.80E-04**
6904144143671	690414	4143671	RESIDENT	3.92E-03	3.34E-05	**3.96E-03**	**7.91E-04**
6904194143671	690419	4143671	RESIDENT	3.98E-03	3.22E-05	**4.01E-03**	**8.02E-04**
6904244143671	690424	4143671	RESIDENT	4.03E-03	3.11E-05	**4.06E-03**	**8.13E-04**
6904294143671	690429	4143671	RESIDENT	4.09E-03	3.01E-05	**4.12E-03**	**8.23E-04**
6904344143671	690434	4143671	RESIDENT	4.14E-03	2.91E-05	**4.17E-03**	**8.34E-04**
6904394143671	690439	4143671	RESIDENT	4.19E-03	2.82E-05	**4.22E-03**	**8.44E-04**
6904444143671	690444	4143671	RESIDENT	4.24E-03	2.73E-05	**4.27E-03**	**8.54E-04**
6904494143671	690449	4143671	RESIDENT	4.29E-03	2.65E-05	**4.32E-03**	**8.64E-04**
6904544143671	690454	4143671	RESIDENT	4.34E-03	2.57E-05	**4.37E-03**	**8.74E-04**
6904594143671	690459	4143671	RESIDENT	4.39E-03	2.50E-05	**4.42E-03**	**8.84E-04**
6904644143671	690464	4143671	RESIDENT	4.44E-03	2.43E-05	**4.46E-03**	**8.93E-04**
6904044143676	690404	4143676	RESIDENT	3.89E-03	3.61E-05	**3.92E-03**	**7.85E-04**
6904094143676	690409	4143676	RESIDENT	3.95E-03	3.48E-05	**3.98E-03**	**7.96E-04**
6904144143676	690414	4143676	RESIDENT	4.00E-03	3.35E-05	**4.04E-03**	**8.07E-04**
6904194143676	690419	4143676	RESIDENT	4.06E-03	3.23E-05	**4.09E-03**	**8.18E-04**
6904244143676	690424	4143676	RESIDENT	4.11E-03	3.12E-05	**4.14E-03**	**8.29E-04**
6904294143676	690429	4143676	RESIDENT	4.17E-03	3.02E-05	**4.20E-03**	**8.40E-04**
6904344143676	690434	4143676	RESIDENT	4.22E-03	2.92E-05	**4.25E-03**	**8.50E-04**
6904394143676	690439	4143676	RESIDENT	4.27E-03	2.83E-05	**4.30E-03**	**8.61E-04**
6904444143676	690444	4143676	RESIDENT	4.33E-03	2.74E-05	**4.35E-03**	**8.71E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904494143676	690449	4143676	RESIDENT	4.38E-03	2.66E-05	**4.40E-03**	**8.81E-04**
6904544143676	690454	4143676	RESIDENT	4.43E-03	2.58E-05	**4.45E-03**	**8.91E-04**
6904594143676	690459	4143676	RESIDENT	4.48E-03	2.51E-05	**4.50E-03**	**9.00E-04**
6904644143676	690464	4143676	RESIDENT	4.53E-03	2.44E-05	**4.55E-03**	**9.10E-04**
6904044143681	690404	4143681	RESIDENT	3.97E-03	3.63E-05	**4.00E-03**	**8.01E-04**
6904094143681	690409	4143681	RESIDENT	4.03E-03	3.49E-05	**4.06E-03**	**8.12E-04**
6904144143681	690414	4143681	RESIDENT	4.08E-03	3.36E-05	**4.12E-03**	**8.23E-04**
6904194143681	690419	4143681	RESIDENT	4.14E-03	3.25E-05	**4.17E-03**	**8.34E-04**
6904244143681	690424	4143681	RESIDENT	4.20E-03	3.13E-05	**4.23E-03**	**8.45E-04**
6904294143681	690429	4143681	RESIDENT	4.25E-03	3.03E-05	**4.28E-03**	**8.56E-04**
6904344143681	690434	4143681	RESIDENT	4.31E-03	2.93E-05	**4.33E-03**	**8.67E-04**
6904394143681	690439	4143681	RESIDENT	4.36E-03	2.84E-05	**4.39E-03**	**8.78E-04**
6904444143681	690444	4143681	RESIDENT	4.41E-03	2.75E-05	**4.44E-03**	**8.88E-04**
6904494143681	690449	4143681	RESIDENT	4.46E-03	2.67E-05	**4.49E-03**	**8.98E-04**
6904544143681	690454	4143681	RESIDENT	4.51E-03	2.59E-05	**4.54E-03**	**9.08E-04**
6904594143681	690459	4143681	RESIDENT	4.56E-03	2.52E-05	**4.59E-03**	**9.18E-04**
6904644143681	690464	4143681	RESIDENT	4.61E-03	2.45E-05	**4.64E-03**	**9.27E-04**
6904044143686	690404	4143686	RESIDENT	4.05E-03	3.64E-05	**4.08E-03**	**8.17E-04**
6904094143686	690409	4143686	RESIDENT	4.11E-03	3.50E-05	**4.14E-03**	**8.28E-04**
6904144143686	690414	4143686	RESIDENT	4.17E-03	3.38E-05	**4.20E-03**	**8.40E-04**
6904194143686	690419	4143686	RESIDENT	4.22E-03	3.26E-05	**4.26E-03**	**8.51E-04**
6904244143686	690424	4143686	RESIDENT	4.28E-03	3.15E-05	**4.31E-03**	**8.62E-04**
6904294143686	690429	4143686	RESIDENT	4.34E-03	3.04E-05	**4.37E-03**	**8.73E-04**
6904344143686	690434	4143686	RESIDENT	4.39E-03	2.94E-05	**4.42E-03**	**8.84E-04**
6904394143686	690439	4143686	RESIDENT	4.45E-03	2.85E-05	**4.47E-03**	**8.95E-04**
6904444143686	690444	4143686	RESIDENT	4.50E-03	2.76E-05	**4.53E-03**	**9.05E-04**
6904494143686	690449	4143686	RESIDENT	4.55E-03	2.68E-05	**4.58E-03**	**9.16E-04**
6904544143686	690454	4143686	RESIDENT	4.60E-03	2.60E-05	**4.63E-03**	**9.26E-04**
6904594143686	690459	4143686	RESIDENT	4.65E-03	2.52E-05	**4.68E-03**	**9.35E-04**
6904644143686	690464	4143686	RESIDENT	4.70E-03	2.45E-05	**4.72E-03**	**9.45E-04**
6904044143691	690404	4143691	RESIDENT	4.13E-03	3.65E-05	**4.17E-03**	**8.34E-04**
6904094143691	690409	4143691	RESIDENT	4.19E-03	3.52E-05	**4.23E-03**	**8.45E-04**
6904144143691	690414	4143691	RESIDENT	4.25E-03	3.39E-05	**4.28E-03**	**8.57E-04**
6904194143691	690419	4143691	RESIDENT	4.31E-03	3.27E-05	**4.34E-03**	**8.68E-04**
6904244143691	690424	4143691	RESIDENT	4.37E-03	3.16E-05	**4.40E-03**	**8.80E-04**
6904294143691	690429	4143691	RESIDENT	4.42E-03	3.05E-05	**4.45E-03**	**8.91E-04**
6904344143691	690434	4143691	RESIDENT	4.48E-03	2.95E-05	**4.51E-03**	**9.02E-04**
6904394143691	690439	4143691	RESIDENT	4.53E-03	2.86E-05	**4.56E-03**	**9.13E-04**
6904444143691	690444	4143691	RESIDENT	4.59E-03	2.77E-05	**4.62E-03**	**9.23E-04**
6904494143691	690449	4143691	RESIDENT	4.64E-03	2.69E-05	**4.67E-03**	**9.33E-04**
6904544143691	690454	4143691	RESIDENT	4.69E-03	2.61E-05	**4.72E-03**	**9.44E-04**
6904594143691	690459	4143691	RESIDENT	4.74E-03	2.53E-05	**4.77E-03**	**9.53E-04**
6904644143691	690464	4143691	RESIDENT	4.79E-03	2.46E-05	**4.82E-03**	**9.63E-04**
6904044143696	690404	4143696	RESIDENT	4.22E-03	3.66E-05	**4.25E-03**	**8.51E-04**
6904094143696	690409	4143696	RESIDENT	4.28E-03	3.53E-05	**4.31E-03**	**8.63E-04**
6904144143696	690414	4143696	RESIDENT	4.34E-03	3.40E-05	**4.37E-03**	**8.74E-04**
6904194143696	690419	4143696	RESIDENT	4.40E-03	3.28E-05	**4.43E-03**	**8.86E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6904244143696	690424	4143696	RESIDENT	4.46E-03	3.17E-05	**4.49E-03**	**8.97E-04**
6904294143696	690429	4143696	RESIDENT	4.51E-03	3.06E-05	**4.54E-03**	**9.09E-04**
6904344143696	690434	4143696	RESIDENT	4.57E-03	2.96E-05	**4.60E-03**	**9.20E-04**
6904394143696	690439	4143696	RESIDENT	4.62E-03	2.87E-05	**4.65E-03**	**9.31E-04**
6904444143696	690444	4143696	RESIDENT	4.68E-03	2.78E-05	**4.71E-03**	**9.41E-04**
6904494143696	690449	4143696	RESIDENT	4.73E-03	2.69E-05	**4.76E-03**	**9.52E-04**
6904544143696	690454	4143696	RESIDENT	4.78E-03	2.62E-05	**4.81E-03**	**9.62E-04**
6904594143696	690459	4143696	RESIDENT	4.83E-03	2.54E-05	**4.86E-03**	**9.72E-04**
6904644143696	690464	4143696	RESIDENT	4.88E-03	2.47E-05	**4.91E-03**	**9.82E-04**
6904044143701	690404	4143701	RESIDENT	4.31E-03	3.67E-05	**4.34E-03**	**8.68E-04**
6904094143701	690409	4143701	RESIDENT	4.37E-03	3.54E-05	**4.40E-03**	**8.80E-04**
6904144143701	690414	4143701	RESIDENT	4.43E-03	3.41E-05	**4.46E-03**	**8.92E-04**
6904194143701	690419	4143701	RESIDENT	4.49E-03	3.29E-05	**4.52E-03**	**9.04E-04**
6904244143701	690424	4143701	RESIDENT	4.55E-03	3.18E-05	**4.58E-03**	**9.16E-04**
6904294143701	690429	4143701	RESIDENT	4.60E-03	3.07E-05	**4.64E-03**	**9.27E-04**
6904344143701	690434	4143701	RESIDENT	4.66E-03	2.97E-05	**4.69E-03**	**9.38E-04**
6904394143701	690439	4143701	RESIDENT	4.72E-03	2.88E-05	**4.75E-03**	**9.49E-04**
6904444143701	690444	4143701	RESIDENT	4.77E-03	2.79E-05	**4.80E-03**	**9.60E-04**
6904494143701	690449	4143701	RESIDENT	4.83E-03	2.70E-05	**4.85E-03**	**9.71E-04**
6904544143701	690454	4143701	RESIDENT	4.88E-03	2.62E-05	**4.90E-03**	**9.81E-04**
6904594143701	690459	4143701	RESIDENT	4.93E-03	2.55E-05	**4.95E-03**	**9.91E-04**
6904644143701	690464	4143701	RESIDENT	4.98E-03	2.48E-05	**5.00E-03**	**1.00E-03**
6906464143596	690646	4143596	RESIDENT	4.28E-03	1.12E-05	**4.30E-03**	**8.59E-04**
6906514143596	690651	4143596	RESIDENT	4.29E-03	1.10E-05	**4.30E-03**	**8.60E-04**
6906564143596	690656	4143596	RESIDENT	4.29E-03	1.09E-05	**4.31E-03**	**8.61E-04**
6906614143596	690661	4143596	RESIDENT	4.30E-03	1.07E-05	**4.31E-03**	**8.62E-04**
6906664143596	690666	4143596	RESIDENT	4.30E-03	1.06E-05	**4.31E-03**	**8.62E-04**
6906714143596	690671	4143596	RESIDENT	4.30E-03	1.04E-05	**4.31E-03**	**8.63E-04**
6906764143596	690676	4143596	RESIDENT	4.30E-03	1.03E-05	**4.31E-03**	**8.63E-04**
6906814143596	690681	4143596	RESIDENT	4.30E-03	1.01E-05	**4.31E-03**	**8.63E-04**
6906864143596	690686	4143596	RESIDENT	4.30E-03	1.00E-05	**4.31E-03**	**8.62E-04**
6906914143596	690691	4143596	RESIDENT	4.30E-03	9.87E-06	**4.31E-03**	**8.62E-04**
6906964143596	690696	4143596	RESIDENT	4.30E-03	9.74E-06	**4.31E-03**	**8.61E-04**
6907014143596	690701	4143596	RESIDENT	4.29E-03	9.62E-06	**4.30E-03**	**8.60E-04**
6907064143596	690706	4143596	RESIDENT	4.29E-03	9.49E-06	**4.30E-03**	**8.59E-04**
6907114143596	690711	4143596	RESIDENT	4.28E-03	9.37E-06	**4.29E-03**	**8.58E-04**
6906464143601	690646	4143601	RESIDENT	4.34E-03	1.12E-05	**4.35E-03**	**8.70E-04**
6906514143601	690651	4143601	RESIDENT	4.35E-03	1.11E-05	**4.36E-03**	**8.71E-04**
6906564143601	690656	4143601	RESIDENT	4.35E-03	1.09E-05	**4.36E-03**	**8.72E-04**
6906614143601	690661	4143601	RESIDENT	4.35E-03	1.07E-05	**4.36E-03**	**8.73E-04**
6906664143601	690666	4143601	RESIDENT	4.35E-03	1.06E-05	**4.37E-03**	**8.73E-04**
6906714143601	690671	4143601	RESIDENT	4.36E-03	1.04E-05	**4.37E-03**	**8.73E-04**
6906764143601	690676	4143601	RESIDENT	4.36E-03	1.03E-05	**4.37E-03**	**8.73E-04**
6906814143601	690681	4143601	RESIDENT	4.35E-03	1.02E-05	**4.36E-03**	**8.73E-04**
6906864143601	690686	4143601	RESIDENT	4.35E-03	1.00E-05	**4.36E-03**	**8.72E-04**
6906914143601	690691	4143601	RESIDENT	4.35E-03	9.90E-06	**4.36E-03**	**8.72E-04**
6906964143601	690696	4143601	RESIDENT	4.35E-03	9.77E-06	**4.35E-03**	**8.71E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6907014143601	690701	4143601	RESIDENT	4.34E-03	9.64E-06	**4.35E-03**	**8.70E-04**
6907064143601	690706	4143601	RESIDENT	4.33E-03	9.51E-06	**4.34E-03**	**8.69E-04**
6907114143601	690711	4143601	RESIDENT	4.33E-03	9.39E-06	**4.34E-03**	**8.67E-04**
6906464143606	690646	4143606	RESIDENT	4.40E-03	1.13E-05	**4.41E-03**	**8.82E-04**
6906514143606	690651	4143606	RESIDENT	4.40E-03	1.11E-05	**4.41E-03**	**8.83E-04**
6906564143606	690656	4143606	RESIDENT	4.41E-03	1.09E-05	**4.42E-03**	**8.83E-04**
6906614143606	690661	4143606	RESIDENT	4.41E-03	1.08E-05	**4.42E-03**	**8.84E-04**
6906664143606	690666	4143606	RESIDENT	4.41E-03	1.06E-05	**4.42E-03**	**8.84E-04**
6906714143606	690671	4143606	RESIDENT	4.41E-03	1.05E-05	**4.42E-03**	**8.84E-04**
6906764143606	690676	4143606	RESIDENT	4.41E-03	1.03E-05	**4.42E-03**	**8.84E-04**
6906814143606	690681	4143606	RESIDENT	4.41E-03	1.02E-05	**4.42E-03**	**8.83E-04**
6906864143606	690686	4143606	RESIDENT	4.40E-03	1.01E-05	**4.41E-03**	**8.83E-04**
6906914143606	690691	4143606	RESIDENT	4.40E-03	9.92E-06	**4.41E-03**	**8.82E-04**
6906964143606	690696	4143606	RESIDENT	4.39E-03	9.79E-06	**4.40E-03**	**8.81E-04**
6907014143606	690701	4143606	RESIDENT	4.39E-03	9.66E-06	**4.40E-03**	**8.80E-04**
6907064143606	690706	4143606	RESIDENT	4.38E-03	9.53E-06	**4.39E-03**	**8.78E-04**
6907114143606	690711	4143606	RESIDENT	4.37E-03	9.41E-06	**4.38E-03**	**8.77E-04**
6906464143611	690646	4143611	RESIDENT	4.46E-03	1.13E-05	**4.47E-03**	**8.93E-04**
6906514143611	690651	4143611	RESIDENT	4.46E-03	1.11E-05	**4.47E-03**	**8.94E-04**
6906564143611	690656	4143611	RESIDENT	4.46E-03	1.10E-05	**4.47E-03**	**8.95E-04**
6906614143611	690661	4143611	RESIDENT	4.46E-03	1.08E-05	**4.47E-03**	**8.95E-04**
6906664143611	690666	4143611	RESIDENT	4.46E-03	1.06E-05	**4.47E-03**	**8.95E-04**
6906714143611	690671	4143611	RESIDENT	4.46E-03	1.05E-05	**4.47E-03**	**8.95E-04**
6906764143611	690676	4143611	RESIDENT	4.46E-03	1.04E-05	**4.47E-03**	**8.94E-04**
6906814143611	690681	4143611	RESIDENT	4.46E-03	1.02E-05	**4.47E-03**	**8.94E-04**
6906864143611	690686	4143611	RESIDENT	4.46E-03	1.01E-05	**4.47E-03**	**8.93E-04**
6906914143611	690691	4143611	RESIDENT	4.45E-03	9.94E-06	**4.46E-03**	**8.92E-04**
6906964143611	690696	4143611	RESIDENT	4.44E-03	9.81E-06	**4.45E-03**	**8.91E-04**
6907014143611	690701	4143611	RESIDENT	4.44E-03	9.68E-06	**4.45E-03**	**8.89E-04**
6907064143611	690706	4143611	RESIDENT	4.43E-03	9.55E-06	**4.44E-03**	**8.88E-04**
6907114143611	690711	4143611	RESIDENT	4.42E-03	9.43E-06	**4.43E-03**	**8.86E-04**
6906464143616	690646	4143616	RESIDENT	4.51E-03	1.13E-05	**4.53E-03**	**9.05E-04**
6906514143616	690651	4143616	RESIDENT	4.52E-03	1.11E-05	**4.53E-03**	**9.06E-04**
6906564143616	690656	4143616	RESIDENT	4.52E-03	1.10E-05	**4.53E-03**	**9.06E-04**
6906614143616	690661	4143616	RESIDENT	4.52E-03	1.08E-05	**4.53E-03**	**9.06E-04**
6906664143616	690666	4143616	RESIDENT	4.52E-03	1.07E-05	**4.53E-03**	**9.06E-04**
6906714143616	690671	4143616	RESIDENT	4.52E-03	1.05E-05	**4.53E-03**	**9.06E-04**
6906764143616	690676	4143616	RESIDENT	4.52E-03	1.04E-05	**4.53E-03**	**9.05E-04**
6906814143616	690681	4143616	RESIDENT	4.51E-03	1.02E-05	**4.52E-03**	**9.04E-04**
6906864143616	690686	4143616	RESIDENT	4.51E-03	1.01E-05	**4.52E-03**	**9.03E-04**
6906914143616	690691	4143616	RESIDENT	4.50E-03	9.96E-06	**4.51E-03**	**9.02E-04**
6906964143616	690696	4143616	RESIDENT	4.49E-03	9.83E-06	**4.50E-03**	**9.01E-04**
6907014143616	690701	4143616	RESIDENT	4.49E-03	9.70E-06	**4.50E-03**	**8.99E-04**
6907064143616	690706	4143616	RESIDENT	4.48E-03	9.57E-06	**4.49E-03**	**8.97E-04**
6907114143616	690711	4143616	RESIDENT	4.47E-03	9.45E-06	**4.48E-03**	**8.95E-04**
6906464143621	690646	4143621	RESIDENT	4.57E-03	1.13E-05	**4.58E-03**	**9.17E-04**
6906514143621	690651	4143621	RESIDENT	4.58E-03	1.12E-05	**4.59E-03**	**9.17E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6906564143621	690656	4143621	RESIDENT	4.58E-03	1.10E-05	**4.59E-03**	**9.17E-04**
6906614143621	690661	4143621	RESIDENT	4.58E-03	1.08E-05	**4.59E-03**	**9.17E-04**
6906664143621	690666	4143621	RESIDENT	4.57E-03	1.07E-05	**4.59E-03**	**9.17E-04**
6906714143621	690671	4143621	RESIDENT	4.57E-03	1.05E-05	**4.58E-03**	**9.17E-04**
6906764143621	690676	4143621	RESIDENT	4.57E-03	1.04E-05	**4.58E-03**	**9.16E-04**
6906814143621	690681	4143621	RESIDENT	4.56E-03	1.03E-05	**4.58E-03**	**9.15E-04**
6906864143621	690686	4143621	RESIDENT	4.56E-03	1.01E-05	**4.57E-03**	**9.14E-04**
6906914143621	690691	4143621	RESIDENT	4.55E-03	9.98E-06	**4.56E-03**	**9.13E-04**
6906964143621	690696	4143621	RESIDENT	4.55E-03	9.85E-06	**4.55E-03**	**9.11E-04**
6907014143621	690701	4143621	RESIDENT	4.54E-03	9.72E-06	**4.55E-03**	**9.09E-04**
6907064143621	690706	4143621	RESIDENT	4.53E-03	9.59E-06	**4.54E-03**	**9.07E-04**
6907114143621	690711	4143621	RESIDENT	4.52E-03	9.47E-06	**4.53E-03**	**9.05E-04**
6906464143626	690646	4143626	RESIDENT	4.63E-03	1.14E-05	**4.64E-03**	**9.29E-04**
6906514143626	690651	4143626	RESIDENT	4.63E-03	1.12E-05	**4.65E-03**	**9.29E-04**
6906564143626	690656	4143626	RESIDENT	4.63E-03	1.10E-05	**4.65E-03**	**9.29E-04**
6906614143626	690661	4143626	RESIDENT	4.63E-03	1.09E-05	**4.64E-03**	**9.29E-04**
6906664143626	690666	4143626	RESIDENT	4.63E-03	1.07E-05	**4.64E-03**	**9.28E-04**
6906714143626	690671	4143626	RESIDENT	4.63E-03	1.06E-05	**4.64E-03**	**9.28E-04**
6906764143626	690676	4143626	RESIDENT	4.62E-03	1.04E-05	**4.63E-03**	**9.27E-04**
6906814143626	690681	4143626	RESIDENT	4.62E-03	1.03E-05	**4.63E-03**	**9.26E-04**
6906864143626	690686	4143626	RESIDENT	4.61E-03	1.01E-05	**4.62E-03**	**9.24E-04**
6906914143626	690691	4143626	RESIDENT	4.60E-03	1.00E-05	**4.61E-03**	**9.23E-04**
6906964143626	690696	4143626	RESIDENT	4.60E-03	9.87E-06	**4.61E-03**	**9.21E-04**
6907014143626	690701	4143626	RESIDENT	4.59E-03	9.74E-06	**4.60E-03**	**9.19E-04**
6907064143626	690706	4143626	RESIDENT	4.58E-03	9.61E-06	**4.58E-03**	**9.17E-04**
6907114143626	690711	4143626	RESIDENT	4.56E-03	9.48E-06	**4.57E-03**	**9.15E-04**
6906464143631	690646	4143631	RESIDENT	4.69E-03	1.14E-05	**4.70E-03**	**9.41E-04**
6906514143631	690651	4143631	RESIDENT	4.69E-03	1.12E-05	**4.70E-03**	**9.41E-04**
6906564143631	690656	4143631	RESIDENT	4.69E-03	1.11E-05	**4.70E-03**	**9.41E-04**
6906614143631	690661	4143631	RESIDENT	4.69E-03	1.09E-05	**4.70E-03**	**9.40E-04**
6906664143631	690666	4143631	RESIDENT	4.69E-03	1.07E-05	**4.70E-03**	**9.40E-04**
6906714143631	690671	4143631	RESIDENT	4.68E-03	1.06E-05	**4.69E-03**	**9.39E-04**
6906764143631	690676	4143631	RESIDENT	4.68E-03	1.04E-05	**4.69E-03**	**9.38E-04**
6906814143631	690681	4143631	RESIDENT	4.67E-03	1.03E-05	**4.68E-03**	**9.37E-04**
6906864143631	690686	4143631	RESIDENT	4.67E-03	1.02E-05	**4.68E-03**	**9.35E-04**
6906914143631	690691	4143631	RESIDENT	4.66E-03	1.00E-05	**4.67E-03**	**9.33E-04**
6906964143631	690696	4143631	RESIDENT	4.65E-03	9.88E-06	**4.66E-03**	**9.31E-04**
6907014143631	690701	4143631	RESIDENT	4.64E-03	9.75E-06	**4.65E-03**	**9.29E-04**
6907064143631	690706	4143631	RESIDENT	4.62E-03	9.63E-06	**4.63E-03**	**9.27E-04**
6907114143631	690711	4143631	RESIDENT	4.61E-03	9.50E-06	**4.62E-03**	**9.24E-04**
6906464143636	690646	4143636	RESIDENT	4.75E-03	1.14E-05	**4.77E-03**	**9.53E-04**
6906514143636	690651	4143636	RESIDENT	4.75E-03	1.12E-05	**4.76E-03**	**9.53E-04**
6906564143636	690656	4143636	RESIDENT	4.75E-03	1.11E-05	**4.76E-03**	**9.53E-04**
6906614143636	690661	4143636	RESIDENT	4.75E-03	1.09E-05	**4.76E-03**	**9.52E-04**
6906664143636	690666	4143636	RESIDENT	4.75E-03	1.08E-05	**4.76E-03**	**9.51E-04**
6906714143636	690671	4143636	RESIDENT	4.74E-03	1.06E-05	**4.75E-03**	**9.50E-04**
6906764143636	690676	4143636	RESIDENT	4.73E-03	1.05E-05	**4.74E-03**	**9.49E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

Chronic Hazard Index (Non-Cancer)

DPM REL (µg/m^3) 5.0

				CSTN Year 1			
				Project Concentrations (µg/m^3)			
XY	X	Y	Receptor Type	OFFROAD	ONRD_EX	TOTAL	CHRONIC HI
6906814143636	690681	4143636	RESIDENT	4.73E-03	1.03E-05	**4.74E-03**	**9.47E-04**
6906864143636	690686	4143636	RESIDENT	4.72E-03	1.02E-05	**4.73E-03**	**9.46E-04**
6906914143636	690691	4143636	RESIDENT	4.71E-03	1.00E-05	**4.72E-03**	**9.44E-04**
6906964143636	690696	4143636	RESIDENT	4.70E-03	9.90E-06	**4.71E-03**	**9.42E-04**
6907014143636	690701	4143636	RESIDENT	4.69E-03	9.77E-06	**4.70E-03**	**9.39E-04**
6907064143636	690706	4143636	RESIDENT	4.67E-03	9.65E-06	**4.68E-03**	**9.37E-04**
6907114143636	690711	4143636	RESIDENT	4.66E-03	9.52E-06	**4.67E-03**	**9.34E-04**
6906464143641	690646	4143641	RESIDENT	4.82E-03	1.14E-05	**4.83E-03**	**9.65E-04**
6906514143641	690651	4143641	RESIDENT	4.81E-03	1.13E-05	**4.83E-03**	**9.65E-04**
6906564143641	690656	4143641	RESIDENT	4.81E-03	1.11E-05	**4.82E-03**	**9.64E-04**
6906614143641	690661	4143641	RESIDENT	4.81E-03	1.09E-05	**4.82E-03**	**9.64E-04**
6906664143641	690666	4143641	RESIDENT	4.80E-03	1.08E-05	**4.81E-03**	**9.63E-04**
6906714143641	690671	4143641	RESIDENT	4.80E-03	1.06E-05	**4.81E-03**	**9.61E-04**
6906764143641	690676	4143641	RESIDENT	4.79E-03	1.05E-05	**4.80E-03**	**9.60E-04**
6906814143641	690681	4143641	RESIDENT	4.78E-03	1.03E-05	**4.79E-03**	**9.58E-04**
6906864143641	690686	4143641	RESIDENT	4.77E-03	1.02E-05	**4.78E-03**	**9.56E-04**
6906914143641	690691	4143641	RESIDENT	4.76E-03	1.01E-05	**4.77E-03**	**9.54E-04**
6906964143641	690696	4143641	RESIDENT	4.75E-03	9.92E-06	**4.76E-03**	**9.52E-04**
6907014143641	690701	4143641	RESIDENT	4.74E-03	9.79E-06	**4.75E-03**	**9.49E-04**
6907064143641	690706	4143641	RESIDENT	4.72E-03	9.66E-06	**4.73E-03**	**9.47E-04**
6907114143641	690711	4143641	RESIDENT	4.71E-03	9.54E-06	**4.72E-03**	**9.44E-04**
6906464143646	690646	4143646	RESIDENT	4.88E-03	1.15E-05	**4.89E-03**	**9.78E-04**
6906514143646	690651	4143646	RESIDENT	4.88E-03	1.13E-05	**4.89E-03**	**9.77E-04**
6906564143646	690656	4143646	RESIDENT	4.87E-03	1.11E-05	**4.88E-03**	**9.76E-04**
6906614143646	690661	4143646	RESIDENT	4.87E-03	1.10E-05	**4.88E-03**	**9.76E-04**
6906664143646	690666	4143646	RESIDENT	4.86E-03	1.08E-05	**4.87E-03**	**9.74E-04**
6906714143646	690671	4143646	RESIDENT	4.85E-03	1.07E-05	**4.86E-03**	**9.73E-04**
6906764143646	690676	4143646	RESIDENT	4.85E-03	1.05E-05	**4.86E-03**	**9.71E-04**
6906464143651	690646	4143651	RESIDENT	4.94E-03	1.15E-05	**4.95E-03**	**9.90E-04**
6906514143651	690651	4143651	RESIDENT	4.94E-03	1.13E-05	**4.95E-03**	**9.90E-04**
6906564143651	690656	4143651	RESIDENT	4.93E-03	1.11E-05	**4.94E-03**	**9.89E-04**
6906614143651	690661	4143651	RESIDENT	4.93E-03	1.10E-05	**4.94E-03**	**9.87E-04**
6906664143651	690666	4143651	RESIDENT	4.92E-03	1.08E-05	**4.93E-03**	**9.86E-04**
6906714143651	690671	4143651	RESIDENT	4.91E-03	1.07E-05	**4.92E-03**	**9.84E-04**
6906764143651	690676	4143651	RESIDENT	4.90E-03	1.05E-05	**4.91E-03**	**9.83E-04**
6906464143656	690646	4143656	RESIDENT	5.00E-03	1.15E-05	**5.01E-03**	**1.00E-03**
6906514143656	690651	4143656	RESIDENT	5.00E-03	1.13E-05	**5.01E-03**	**1.00E-03**
6906564143656	690656	4143656	RESIDENT	4.99E-03	1.12E-05	**5.00E-03**	**1.00E-03**
6906614143656	690661	4143656	RESIDENT	4.99E-03	1.10E-05	**5.00E-03**	**1.00E-03**
6906664143656	690666	4143656	RESIDENT	4.98E-03	1.08E-05	**4.99E-03**	**9.98E-04**
6906714143656	690671	4143656	RESIDENT	4.97E-03	1.07E-05	**4.98E-03**	**9.96E-04**
6906764143656	690676	4143656	RESIDENT	4.96E-03	1.05E-05	**4.97E-03**	**9.94E-04**

Chronic Hazard Index (Non-Cancer)

Receptor Type	Maximum	X (UTM)	X (UTM)
RESIDENT	0.03	690272	4144411

XY	X	Y	GROUP
6902724144411	690272	4144411	RESIDENT
6902774144411	690277	4144411	RESIDENT
6902824144411	690282	4144411	RESIDENT
6902874144411	690287	4144411	RESIDENT
6902924144411	690292	4144411	RESIDENT
6902974144411	690297	4144411	RESIDENT
6902724144416	690272	4144416	RESIDENT
6902774144416	690277	4144416	RESIDENT
6902824144416	690282	4144416	RESIDENT
6902874144416	690287	4144416	RESIDENT
6902924144416	690292	4144416	RESIDENT
6902974144416	690297	4144416	RESIDENT
6902724144421	690272	4144421	RESIDENT
6902774144421	690277	4144421	RESIDENT
6902824144421	690282	4144421	RESIDENT
6902874144421	690287	4144421	RESIDENT
6902924144421	690292	4144421	RESIDENT
6902974144421	690297	4144421	RESIDENT
6902724144426	690272	4144426	RESIDENT
6902774144426	690277	4144426	RESIDENT
6902824144426	690282	4144426	RESIDENT
6902874144426	690287	4144426	RESIDENT
6902924144426	690292	4144426	RESIDENT
6902974144426	690297	4144426	RESIDENT
6902724144431	690272	4144431	RESIDENT
6902774144431	690277	4144431	RESIDENT
6902824144431	690282	4144431	RESIDENT
6902874144431	690287	4144431	RESIDENT
6902924144431	690292	4144431	RESIDENT
6902974144431	690297	4144431	RESIDENT
6902724144436	690272	4144436	RESIDENT
6902774144436	690277	4144436	RESIDENT
6902824144436	690282	4144436	RESIDENT
6902874144436	690287	4144436	RESIDENT
6902924144436	690292	4144436	RESIDENT
6902974144436	690297	4144436	RESIDENT
6902034144665	690203	4144665	RESIDENT
6902084144665	690208	4144665	RESIDENT
6902134144665	690213	4144665	RESIDENT
6902184144665	690218	4144665	RESIDENT
6902234144665	690223	4144665	RESIDENT
6902284144665	690228	4144665	RESIDENT
6902334144665	690233	4144665	RESIDENT
6902034144670	690203	4144670	RESIDENT
6902084144670	690208	4144670	RESIDENT
6902134144670	690213	4144670	RESIDENT
6902184144670	690218	4144670	RESIDENT
6902234144670	690223	4144670	RESIDENT
6902284144670	690228	4144670	RESIDENT
6902334144670	690233	4144670	RESIDENT
6902034144675	690203	4144675	RESIDENT
6902084144675	690208	4144675	RESIDENT
6902134144675	690213	4144675	RESIDENT
6902184144675	690218	4144675	RESIDENT
6902234144675	690223	4144675	RESIDENT
6902284144675	690228	4144675	RESIDENT
6902334144675	690233	4144675	RESIDENT
6902034144680	690203	4144680	RESIDENT

XY	X	Y	GROUP
6902084144680	690208	4144680	RESIDENT
6902134144680	690213	4144680	RESIDENT
6902184144680	690218	4144680	RESIDENT
6902234144680	690223	4144680	RESIDENT
6902284144680	690228	4144680	RESIDENT
6902334144680	690233	4144680	RESIDENT
6902034144685	690203	4144685	RESIDENT
6902084144685	690208	4144685	RESIDENT
6902134144685	690213	4144685	RESIDENT
6902184144685	690218	4144685	RESIDENT
6902234144685	690223	4144685	RESIDENT
6902284144685	690228	4144685	RESIDENT
6902334144685	690233	4144685	RESIDENT
6902034144690	690203	4144690	RESIDENT
6902084144690	690208	4144690	RESIDENT
6902134144690	690213	4144690	RESIDENT
6902184144690	690218	4144690	RESIDENT
6902234144690	690223	4144690	RESIDENT
6902284144690	690228	4144690	RESIDENT
6902334144690	690233	4144690	RESIDENT
6906094144308	690609	4144308	RESIDENT
6906144144308	690614	4144308	RESIDENT
6906194144308	690619	4144308	RESIDENT
6906244144308	690624	4144308	RESIDENT
6906294144308	690629	4144308	RESIDENT
6906344144308	690634	4144308	RESIDENT
6906394144308	690639	4144308	RESIDENT
6906444144308	690644	4144308	RESIDENT
6906494144308	690649	4144308	RESIDENT
6906544144308	690654	4144308	RESIDENT
6906594144308	690659	4144308	RESIDENT
6906644144308	690664	4144308	RESIDENT
6906694144308	690669	4144308	RESIDENT
6906744144308	690674	4144308	RESIDENT
6906794144308	690679	4144308	RESIDENT
6906844144308	690684	4144308	RESIDENT
6906894144308	690689	4144308	RESIDENT
6906944144308	690694	4144308	RESIDENT
6906994144308	690699	4144308	RESIDENT
6906094144313	690609	4144313	RESIDENT
6906144144313	690614	4144313	RESIDENT
6906194144313	690619	4144313	RESIDENT
6906244144313	690624	4144313	RESIDENT
6906294144313	690629	4144313	RESIDENT
6906344144313	690634	4144313	RESIDENT
6906394144313	690639	4144313	RESIDENT
6906444144313	690644	4144313	RESIDENT
6906494144313	690649	4144313	RESIDENT
6906544144313	690654	4144313	RESIDENT
6906594144313	690659	4144313	RESIDENT
6906644144313	690664	4144313	RESIDENT
6906694144313	690669	4144313	RESIDENT
6906744144313	690674	4144313	RESIDENT
6906794144313	690679	4144313	RESIDENT
6906844144313	690684	4144313	RESIDENT
6906894144313	690689	4144313	RESIDENT
6906944144313	690694	4144313	RESIDENT
6906994144313	690699	4144313	RESIDENT

XY	X	Y	GROUP
6907044144313	690704	4144313	RESIDENT
6906094144318	690609	4144318	RESIDENT
6906144144318	690614	4144318	RESIDENT
6906194144318	690619	4144318	RESIDENT
6906244144318	690624	4144318	RESIDENT
6906294144318	690629	4144318	RESIDENT
6906344144318	690634	4144318	RESIDENT
6906394144318	690639	4144318	RESIDENT
6906444144318	690644	4144318	RESIDENT
6906494144318	690649	4144318	RESIDENT
6906544144318	690654	4144318	RESIDENT
6906594144318	690659	4144318	RESIDENT
6906644144318	690664	4144318	RESIDENT
6906694144318	690669	4144318	RESIDENT
6906744144318	690674	4144318	RESIDENT
6906794144318	690679	4144318	RESIDENT
6906844144318	690684	4144318	RESIDENT
6906894144318	690689	4144318	RESIDENT
6906944144318	690694	4144318	RESIDENT
6906994144318	690699	4144318	RESIDENT
6907044144318	690704	4144318	RESIDENT
6907094144318	690709	4144318	RESIDENT
6907144144318	690714	4144318	RESIDENT
6906094144323	690609	4144323	RESIDENT
6906144144323	690614	4144323	RESIDENT
6906194144323	690619	4144323	RESIDENT
6906244144323	690624	4144323	RESIDENT
6906294144323	690629	4144323	RESIDENT
6906344144323	690634	4144323	RESIDENT
6906394144323	690639	4144323	RESIDENT
6906444144323	690644	4144323	RESIDENT
6906494144323	690649	4144323	RESIDENT
6906544144323	690654	4144323	RESIDENT
6906594144323	690659	4144323	RESIDENT
6906644144323	690664	4144323	RESIDENT
6906694144323	690669	4144323	RESIDENT
6906744144323	690674	4144323	RESIDENT
6906794144323	690679	4144323	RESIDENT
6906844144323	690684	4144323	RESIDENT
6906894144323	690689	4144323	RESIDENT
6906944144323	690694	4144323	RESIDENT
6906994144323	690699	4144323	RESIDENT
6907044144323	690704	4144323	RESIDENT
6907094144323	690709	4144323	RESIDENT
6907144144323	690714	4144323	RESIDENT
6906094144328	690609	4144328	RESIDENT
6906144144328	690614	4144328	RESIDENT
6906194144328	690619	4144328	RESIDENT
6906244144328	690624	4144328	RESIDENT
6906294144328	690629	4144328	RESIDENT
6906344144328	690634	4144328	RESIDENT
6906394144328	690639	4144328	RESIDENT
6906444144328	690644	4144328	RESIDENT
6906494144328	690649	4144328	RESIDENT
6906544144328	690654	4144328	RESIDENT
6906594144328	690659	4144328	RESIDENT
6906644144328	690664	4144328	RESIDENT
6906694144328	690669	4144328	RESIDENT

XY	X	Y	GROUP
6906744144328	690674	4144328	RESIDENT
6906794144328	690679	4144328	RESIDENT
6906844144328	690684	4144328	RESIDENT
6906894144328	690689	4144328	RESIDENT
6906944144328	690694	4144328	RESIDENT
6906994144328	690699	4144328	RESIDENT
6907044144328	690704	4144328	RESIDENT
6907094144328	690709	4144328	RESIDENT
6907144144328	690714	4144328	RESIDENT
6906094144333	690609	4144333	RESIDENT
6906144144333	690614	4144333	RESIDENT
6906194144333	690619	4144333	RESIDENT
6906244144333	690624	4144333	RESIDENT
6906294144333	690629	4144333	RESIDENT
6906344144333	690634	4144333	RESIDENT
6906394144333	690639	4144333	RESIDENT
6906444144333	690644	4144333	RESIDENT
6906494144333	690649	4144333	RESIDENT
6906544144333	690654	4144333	RESIDENT
6906594144333	690659	4144333	RESIDENT
6906644144333	690664	4144333	RESIDENT
6906694144333	690669	4144333	RESIDENT
6906744144333	690674	4144333	RESIDENT
6906794144333	690679	4144333	RESIDENT
6906844144333	690684	4144333	RESIDENT
6906894144333	690689	4144333	RESIDENT
6906944144333	690694	4144333	RESIDENT
6906994144333	690699	4144333	RESIDENT
6907044144333	690704	4144333	RESIDENT
6907094144333	690709	4144333	RESIDENT
6907144144333	690714	4144333	RESIDENT
6906094144338	690609	4144338	RESIDENT
6906144144338	690614	4144338	RESIDENT
6906194144338	690619	4144338	RESIDENT
6906244144338	690624	4144338	RESIDENT
6906294144338	690629	4144338	RESIDENT
6906344144338	690634	4144338	RESIDENT
6906394144338	690639	4144338	RESIDENT
6906444144338	690644	4144338	RESIDENT
6906494144338	690649	4144338	RESIDENT
6906544144338	690654	4144338	RESIDENT
6906594144338	690659	4144338	RESIDENT
6906644144338	690664	4144338	RESIDENT
6906694144338	690669	4144338	RESIDENT
6906744144338	690674	4144338	RESIDENT
6906794144338	690679	4144338	RESIDENT
6906844144338	690684	4144338	RESIDENT
6906894144338	690689	4144338	RESIDENT
6906944144338	690694	4144338	RESIDENT
6906994144338	690699	4144338	RESIDENT
6907044144338	690704	4144338	RESIDENT
6907094144338	690709	4144338	RESIDENT
6907144144338	690714	4144338	RESIDENT
6906094144343	690609	4144343	RESIDENT
6906144144343	690614	4144343	RESIDENT
6906194144343	690619	4144343	RESIDENT
6906244144343	690624	4144343	RESIDENT
6906294144343	690629	4144343	RESIDENT

XY	X	Y	GROUP
6906344144343	690634	4144343	RESIDENT
6906394144343	690639	4144343	RESIDENT
6906444144343	690644	4144343	RESIDENT
6906494144343	690649	4144343	RESIDENT
6906544144343	690654	4144343	RESIDENT
6906594144343	690659	4144343	RESIDENT
6906644144343	690664	4144343	RESIDENT
6906694144343	690669	4144343	RESIDENT
6906744144343	690674	4144343	RESIDENT
6906794144343	690679	4144343	RESIDENT
6906844144343	690684	4144343	RESIDENT
6906894144343	690689	4144343	RESIDENT
6906944144343	690694	4144343	RESIDENT
6906994144343	690699	4144343	RESIDENT
6907044144343	690704	4144343	RESIDENT
6907094144343	690709	4144343	RESIDENT
6907144144343	690714	4144343	RESIDENT
6906094144348	690609	4144348	RESIDENT
6906144144348	690614	4144348	RESIDENT
6906194144348	690619	4144348	RESIDENT
6906244144348	690624	4144348	RESIDENT
6906294144348	690629	4144348	RESIDENT
6906344144348	690634	4144348	RESIDENT
6906394144348	690639	4144348	RESIDENT
6906444144348	690644	4144348	RESIDENT
6906494144348	690649	4144348	RESIDENT
6906544144348	690654	4144348	RESIDENT
6906594144348	690659	4144348	RESIDENT
6906644144348	690664	4144348	RESIDENT
6906694144348	690669	4144348	RESIDENT
6906744144348	690674	4144348	RESIDENT
6906794144348	690679	4144348	RESIDENT
6906844144348	690684	4144348	RESIDENT
6906894144348	690689	4144348	RESIDENT
6906944144348	690694	4144348	RESIDENT
6906994144348	690699	4144348	RESIDENT
6907044144348	690704	4144348	RESIDENT
6907094144348	690709	4144348	RESIDENT
6907144144348	690714	4144348	RESIDENT
6894534144161	689453	4144161	RESIDENT
6894584144161	689458	4144161	RESIDENT
6894634144161	689463	4144161	RESIDENT
6894684144161	689468	4144161	RESIDENT
6894734144161	689473	4144161	RESIDENT
6894784144161	689478	4144161	RESIDENT
6894834144161	689483	4144161	RESIDENT
6894884144161	689488	4144161	RESIDENT
6894934144161	689493	4144161	RESIDENT
6894984144161	689498	4144161	RESIDENT
6895034144161	689503	4144161	RESIDENT
6895084144161	689508	4144161	RESIDENT
6895134144161	689513	4144161	RESIDENT
6895184144161	689518	4144161	RESIDENT
6895234144161	689523	4144161	RESIDENT
6895284144161	689528	4144161	RESIDENT
6895334144161	689533	4144161	RESIDENT
6895384144161	689538	4144161	RESIDENT
6895434144161	689543	4144161	RESIDENT

XY	X	Y	GROUP
6895484144161	689548	4144161	RESIDENT
6895534144161	689553	4144161	RESIDENT
6895584144161	689558	4144161	RESIDENT
6895634144161	689563	4144161	RESIDENT
6895684144161	689568	4144161	RESIDENT
6895734144161	689573	4144161	RESIDENT
6895784144161	689578	4144161	RESIDENT
6895834144161	689583	4144161	RESIDENT
6895884144161	689588	4144161	RESIDENT
6895934144161	689593	4144161	RESIDENT
6895984144161	689598	4144161	RESIDENT
6896034144161	689603	4144161	RESIDENT
6896084144161	689608	4144161	RESIDENT
6896134144161	689613	4144161	RESIDENT
6896184144161	689618	4144161	RESIDENT
6896234144161	689623	4144161	RESIDENT
6896284144161	689628	4144161	RESIDENT
6896334144161	689633	4144161	RESIDENT
6896384144161	689638	4144161	RESIDENT
6896434144161	689643	4144161	RESIDENT
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XY	X	Y	GROUP
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6906564143596	690656	4143596	RESIDENT
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6906664143596	690666	4143596	RESIDENT
6906714143596	690671	4143596	RESIDENT
6906764143596	690676	4143596	RESIDENT
6906814143596	690681	4143596	RESIDENT
6906864143596	690686	4143596	RESIDENT
6906914143596	690691	4143596	RESIDENT
6906964143596	690696	4143596	RESIDENT
6907014143596	690701	4143596	RESIDENT
6907064143596	690706	4143596	RESIDENT
6907114143596	690711	4143596	RESIDENT
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6906664143601	690666	4143601	RESIDENT
6906714143601	690671	4143601	RESIDENT
6906764143601	690676	4143601	RESIDENT
6906814143601	690681	4143601	RESIDENT
6906864143601	690686	4143601	RESIDENT
6906914143601	690691	4143601	RESIDENT
6906964143601	690696	4143601	RESIDENT
6907014143601	690701	4143601	RESIDENT
6907064143601	690706	4143601	RESIDENT
6907114143601	690711	4143601	RESIDENT
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6906664143606	690666	4143606	RESIDENT
6906714143606	690671	4143606	RESIDENT
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6906814143606	690681	4143606	RESIDENT
6906864143606	690686	4143606	RESIDENT
6906914143606	690691	4143606	RESIDENT
6906964143606	690696	4143606	RESIDENT
6907014143606	690701	4143606	RESIDENT
6907064143606	690706	4143606	RESIDENT
6907114143606	690711	4143606	RESIDENT
6906464143611	690646	4143611	RESIDENT
6906514143611	690651	4143611	RESIDENT
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6906864143611	690686	4143611	RESIDENT
6906914143611	690691	4143611	RESIDENT
6906964143611	690696	4143611	RESIDENT
6907014143611	690701	4143611	RESIDENT
6907064143611	690706	4143611	RESIDENT
6907114143611	690711	4143611	RESIDENT

XY	X	Y	GROUP
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6906514143616	690651	4143616	RESIDENT
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6906864143616	690686	4143616	RESIDENT
6906914143616	690691	4143616	RESIDENT
6906964143616	690696	4143616	RESIDENT
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6907064143616	690706	4143616	RESIDENT
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6906914143631	690691	4143631	RESIDENT
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6907014143631	690701	4143631	RESIDENT
6907064143631	690706	4143631	RESIDENT
6907114143631	690711	4143631	RESIDENT
6906464143636	690646	4143636	RESIDENT
6906514143636	690651	4143636	RESIDENT

XY	X	Y	GROUP
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6906614143636	690661	4143636	RESIDENT
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6906714143636	690671	4143636	RESIDENT
6906764143636	690676	4143636	RESIDENT
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6906864143636	690686	4143636	RESIDENT
6906914143636	690691	4143636	RESIDENT
6906964143636	690696	4143636	RESIDENT
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6906514143641	690651	4143641	RESIDENT
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6906614143641	690661	4143641	RESIDENT
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6906764143641	690676	4143641	RESIDENT
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6906964143641	690696	4143641	RESIDENT
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6906564143656	690656	4143656	RESIDENT
6906614143656	690661	4143656	RESIDENT
6906664143656	690666	4143656	RESIDENT
6906714143656	690671	4143656	RESIDENT
6906764143656	690676	4143656	RESIDENT

RESIDENTIAL EXPOSURE FACTORS

Parameter	Abbr.	3rd Tri	0<2
Daily Breathing Rate (mg/kg/day)[1]	DBR	361	1,090
Inhalation Absorption Factor (unitless)	A	1.0	1.0
Exposure Frequency (unitless)[2]	EF	0.96	0.96
Conversion Factor (ug to mg, L to m^3)	CF	1.00E-06	1.00E-06
Age Sensitivity Factor (unitless)[3]	ASF	10	10
Exposure Duration (years)	ED	**0.25**	**0.33**
Averaging Time for Lifetime (years)	AT	70	70
Fraction of Time at Home (unitless)	FAH	1.0	1.0
Worker Adjustment Factor (unitless)	WAF	n/a	n/a
Cancer Conversion Factor (unitless)	CCF	1.00E+06	1.00E+06
Cancer Potency Factor $(mg/kg/day)^{-1}$	CPF	1.1	1.1

1. 95th percentile DBR for 3rd Tri & 0<2, 80th percentile for other age groups
2. Based on 350 days/365 days per year
3. ASF based on OEHHA Table 8.3
https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf

3.3-A-4: Construction Energy Analysis

PROJECT Fuel Consumption Summary

Source Category	Fuel Consumption (gal)	
	Diesel	Gasoline
Offroad Equipment	39,099	--
Haul Trucks	1,744	--
Vendor Trucks	4,105	--
Workers	--	2,582
Total Fuel Consumption	**44,949**	**2,582**

Construction Duration (years):	0.58
Average Annual Diesel (gal):	44,949
Average Annual Gasoline (gal):	2,582

County Fuel Consumption (2019) [1]

County: Merced

Source	Fuel Type	Gallons (Retail + Non-Retail	Percent of Project Compared to County
Workers	Gas	119,000,000	0.002%
Off-Road/Haul & Vendor Trucks	Diesel	75,000,000	0.060%

Notes:

1 California Energy Commission, California Annual Retail Fuel Outlet Report Results (CEC-A15), 2010-2019
https://www.energy.ca.gov/sites/default/files/2020-10/2010-2019%20CEC-A15%20Results%20and%20Analysis.xlsx
Accessed November 2020. Diesel is adjusted to account for retail (48%) and non-retail (52%) diesel sales

Off-Road Equipment

Fuel Consumption: Equipment ≤ 100HP	Value
Brake Specific Fuel Consumption Factor (lb/hp-hr)[1]	0.408
Fuel Density (lb/gal)[1]	7.11
Consumption Factor (gal/hp-hr)	0.0574
Total HP-HR <100	349,683
Total Diesel Fuel (gal)	**20,069**

Fuel Consumption: Equipment > 100HP	Value
Brake Specific Fuel Consumption Factor (lb/hp-hr)[1]	0.367
Fuel Density (lb/gal)[1]	7.11
Consumption Factor (gal/hp-hr)	0.0516
Total HP-HR >100	368,624
Total Diesel Fuel (gal)	**19,030**

Total diesel gallons (off-road equipment): **39,099**

Phase Name	Equipment	# of Equipment	Hours/Day	HP	Load Factor	Days	Total HP-HR
Site Preparation	Off-Highway Tractors	1	8	124	0.44	1	436.48
Grading/Excavation	Graders	1	8	187	0.41	9	5,520.24
Grading/Excavation	Pavers	1	8	130	0.42	9	3,931.20
Grading/Excavation	Paving Equipment	1	8	132	0.36	9	3,421.44
Grading/Excavation	Scrapers	2	8	367	0.48	9	25,367.04
Trenching	Bore/Drill Rigs	1	5	221	0.5	104	57,460.00
Trenching	Cranes	1	2	231	0.29	104	13,933.92
Trenching	Excavators	1	6	158	0.38	104	37,464.96
Trenching	Forklifts	1	4	89	0.2	104	7,404.80
Trenching	Generator Sets	1	10	84	0.74	104	64,646.40
Trenching	Other General Industrial Equipment	1	2	88	0.34	104	6,223.36
Trenching	Pressure Washers	1	8	18	0.3	104	4,492.80
Trenching	Tractors/Loaders/Backhoes	1	6	97	0.37	104	22,395.36
Trenching	Trenchers	1	4	78	0.5	104	16,224.00
Trenching	Welders	1	2	46	0.45	104	4,305.60
Building Construction (GL & Upgrading Facility)	Air Compressors	1	2	78	0.48	157	11,756.16
Building Construction (GL & Upgrading Facility)	Bore/Drill Rigs	1	5	221	0.5	157	86,742.50
Building Construction (GL & Upgrading Facility)	Cement and Mortar Mixers	1	1	9	0.56	157	791.28
Building Construction (GL & Upgrading Facility)	Cranes	1	5	231	0.29	157	52,587.15
Building Construction (GL & Upgrading Facility)	Excavators	1	6	158	0.38	157	56,557.68
Building Construction (GL & Upgrading Facility)	Forklifts	1	4	89	0.2	157	11,178.40
Building Construction (GL & Upgrading Facility)	Generator Sets	1	10	84	0.74	157	97,591.20
Building Construction (GL & Upgrading Facility)	Other Construction Equipment	1	2	172	0.42	157	22,683.36
Building Construction (GL & Upgrading Facility)	Other General Industrial Equipment	1	2	88	0.34	157	9,394.88
Building Construction (GL & Upgrading Facility)	Tractors/Loaders/Backhoes	1	8	97	0.37	157	45,077.84
Building Construction (GL & Upgrading Facility)	Trenchers	1	4	78	0.5	157	24,492.00
Building Construction (GL & Upgrading Facility)	Welders	1	5	46	0.45	157	16,249.50
Building Construction (GL & Upgrading Facility)-Concrete Pour	Pumps	3	8	84	0.74	5	7,459.20
Paving	Pavers	1	8	130	0.42	2	873.60
Paving	Paving Equipment	1	8	132	0.36	2	760.32
Installation of Electrical Poles and Transformers	Bore/Drill Rigs	1	8	221	0.5	1	884.00
						Total >100HP	368,623.89
						Total <100HP	349,682.78

Notes:
1. CARB, 2017 Off-road Diesel Emission Factors
https://ww3.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017_v7.xlsx

Haul Trucks

Onroad Travel Consumption	Value
EMFAC2021 Diesel Fuel Consumption Factor (gal/mi):[1]	0.1714
Total VMT (mi):	10,120
Total diesel gallons	**1,735**
Idling Consumption	**Value**
Idling Fuel Consumption Factor (gal/hr):[2]	0.6400
Total Idle-Hours per Year:	42
Total diesel gallons	**10**

Total diesel gallons: 1,744

Phase	Days/year	Truck Trips per Day (In/Out)	Trip Length (miles)	Vehicle Category	VMT	Idle Hours
Site Preparation	1	0	20	HHDT	0	0
Grading/Excavation	9	112	10	HHDT	10,080	84
Trenching	104	0	20	HHDT	0	0
Building Construction (GL & Upgrading Facility)	157	0	20	HHDT	0	0
Building Construction (GL & Upgrading Facility)-Concrete Pour	5	0	20	HHDT	0	0
Paving	2	0	20	HHDT	0	0
Installation of Electrical Poles and Transformers	1	2	20	HHDT	40	0
				Total VMT:	**10,120**	
				Total Idle-Hours:		**42**

1. CARB, EMFAC2021 (SJVAPCD; HHDT; Annual; CY 2021; Aggregate MY; Aggregate Speed;DSL)
2. Department of Energy, Fact #861, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles, February 23, 2015. https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

Vendor Trucks

Onroad Travel Consumption	Value
EMFAC2021 Diesel Fuel Consumption Factor (gal/mi):[1]	0.1642
Total VMT (mi):	24,805
Total diesel gallons	**4,072**
Idling Consumption	**Value**
Idling Fuel Consumption Factor (gal/hr):[2]	0.6400
Total Idle-Hours per Year:	142
Total diesel gallons	**33**

Total diesel gallons: 4,105

Phase	Days/year	Truck Trips per Day (In/Out)	Trip Length (miles)	Vehicle Category	VMT	Idle Hours
Site Preparation	1	8	7.3	HHDT/MHDT	58	1
Grading/Excavation	9	8	7.3	HHDT/MHDT	526	6
Trenching	104	12	7.3	HHDT/MHDT	9,110	104
Building Construction (GL & Upgrading Facility)	157	12	7.3	HHDT/MHDT	13,753	157
Building Construction (GL & Upgrading Facility)-Concrete Pour	5	32	7.3	HHDT/MHDT	1,168	13
Paving	2	12	7.3	HHDT/MHDT	175	2
Installation of Electrical Poles and Transformers	1	2	7.3	HHDT/MHDT	15	0
				Total VMT:	**24,805**	
				Total Idle-Hours:		**142**

1. CARB, EMFAC2021 (SJVAPCD; HHDT/MHDT; Annual; CY 2021; Aggregate MY; Aggregate Speed;DSL)
2. Department of Energy, Fact #861, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles, February 23, 2015. https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

Workers

Onroad Travel Consumption	Value
EMFAC2021 Gasoline Fuel Consumption Factor (gal/mi):[1]	0.039
Total VMT (mi):	66,744
Total gasoline gallons	**2,582**

Phase	Days/year	Vehicle Trips per day (In/Out)	Trip Length (miles)	Vehicle Category	VMT
Site Preparation	1	10	10.8	LD Fleet Mix	108
Grading/Excavation	9	10	10.8	LD Fleet Mix	972
Trenching	104	16	10.8	LD Fleet Mix	17,971
Building Construction (GL & Upgrading Facility)	157	28	10.8	LD Fleet Mix	47,477
Building Construction (GL & Upgrading Facility)-Concrete Pour	5	0	10.8	LD Fleet Mix	0
Paving	2	10	10.8	LD Fleet Mix	216
Installation of Electrical Poles and Transformers	1	0	10.8	LD Fleet Mix	0
				Total VMT:	**66,744**

1. CARB, EMFAC2021 (SJVAPCD; LDA/LDT1/LDT2; Annual; CY 2021; Aggregate MY; Aggregate Speed;GAS)

Idling Fuel Consumption Factors

Column1	Column2	Column3	Column4	Column5
VEHICLE TYPE	**FUEL TYPE**	**ENGINE SIZE**	**GROSS VEHICLE WEIGHT**	**IDLING FUEL USE**
		(LITER)	(GVW) (LBS)	(GAL/HR WITH NO LOAD)
Compact Sedan	Gas	2	-	0.16
Large Sedan	Gas	4.6	-	0.39
Compact Sedan	Diesel	2	-	0.17
Medium Heavy Truck	Gas	7-May	19,700-26,000	0.84
Delivery Truck	Diesel	-	19,500	0.84
Tow Truck	Diesel	-	26,000	0.59
Medium Heavy Truck	Diesel	10-Jun	23,000-33,000	0.44
Transit Bus	Diesel	-	30,000	0.97
Combination Truck	Diesel	-	32,000	0.49
Bucket Truck	Diesel	-	37,000	0.9
Tractor-Semitrailer	Diesel	-	80,000	0.64

Department of Energy, Fact #861, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles, February 23, 2015.
https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

Region	San Joaquin Valley Unified APCD
Model Year	Aggregate
Speed	Aggregate
Fuel	Gasoline
Calendar Year	2021

Row Labels	Sum of Total VMT	Sum of Fuel Consumption
LDA	53449652.25	1907.411284
LDT1	4523420.86	194.8738923
LDT2	21850868.49	985.3993779
Grand Total	**79823941.6**	**3087.684554**

Worker Vehicle Fuel Consumption Factor

Vehicle Category	VMT (mi/day)	Fuel Consumption (1000gal/day)	Fuel Consumption Factor (gal/mi)	Fuel Economy (mi/gal)	Distribution of Trips	Fuel Consumption Factor (gal/mi)
LDA	53449652.25	1907.411284	0.036	28.02	67%	0.039
LDT1	4523420.86	194.8738923	0.043	23.21	6%	
LDT2	21850868.49	985.3993779	0.045	22.17	27%	

Region	San Joaquin Valley Unified APCD
Model Year	Aggregate
Speed	Aggregate
Fuel	Diesel
Calendar Year	2021

Row Labels	Sum of Total VMT	Sum of Fuel Consumption
HHDT	10484875.89	1797.349139
MHDT	1610716.386	188.4171468
Grand Total	**12095592.28**	**1985.766286**

Truck Fuel Consumption Factor

Vehicle Category	VMT (mi/day)	Fuel Consumption (1000gal/day)	Fuel Consumption Factor (gal/mi)	Fuel Economy (mi/gal)	Distribution of Trips	Weighted Fuel Consumption Factor (gal/mi)
HHDT	10484875.89	1797.349139	0.171	5.83	87%	0.164
MHDT	1610716.386	188.4171468	0.117	8.55	13%	

3.3-A-5: Operations Energy Analysis

Project Energy Summary

Fuel Consumption

Comparison	gal/year
County:	Merced
County Gasoline Consumption[1]:	119,000,000
Project Gasoline Consumption:	1,017
Project Percentage of County Consumption:	**0.0009%**

Comparison	gal/year
County:	Merced
County Diesel Consumption[1]:	75,000,000
Project Diesel Consumption:	73
Project Percentage of County Consumption:	**0.0001%**

Electricity Consumption

Comparison	GWh/year
Annual Electricity Consumption:	0.292
Turlock Irrigation District Electricity Sales (GWh)[2]	2,046
Project % of Sales	**0.0143%**

RCNG Generation

Daily Volume of RCNG production (scf/day)[3]	1,296,000
Annual Operations (days/year)	365
Annual Volume of RCNG production (scf/year)	473,040,000
Annual Volume of RCNG production (MMscf/year)	473.04
Energy Conversion (BTU/scf)[4,5]	1037
Annual Energy Content from RCNG production (MMBTU/year)	490542.48
Energy Conversion (Joules/BTU)[6]	1055.055853
Annual Energy Content from RCNG production (Joule[J]/year)	5.1755E+14
Annual Energy Content from RCNG production (MJ/year)	517,549,714.48

Notes:

1 California Energy Commission, California Annual Retail Fuel Outlet Report Results (CEC-A15), 2010-2019
https://www.energy.ca.gov/sites/default/files/2020-10/2010-2019%20CEC-A15%20Results%20and%20Analysis.xlsx
Accessed November 2020. Diesel is adjusted to account for retail (48%) and non-retail (52%) diesel sales

2 Turlock Irrigation District, Annual Report-2019
https://issuu.com/turlockirrigationdistrict/docs/tid_2019_annualreport_digital?fr=sNTkwMzE5NTkxNTU

3 Value provided by applicant

4 Assuming the RCNG is equivalent to regular natural gas

5 Heat content for natural gas
https://www.eia.gov/energyexplained/units-and-calculators/energy-conversion-calculators.php

6 Energy content converstion, BTU to Joules
https://www.eia.gov/totalenergy/data/monthly/pdf/sec12_19.pdf
MJ=megajoules

Mobile Fuel Consumption

Project Annual VMT[1]	Fuel Consumption Factor (gal/mi)[2]	Annual Fuel Consumption (gal/year)
26,302	0.039	**1,017**

Notes:

1 Annual VMT from CalEEMod Annual Output

2 Fuel consumption factors based on EMFAC2021 (SJVAPCD; LDA/LDT1/LDT2; Annual; CY 2021; Aggregate MY; Aggregate Speed;GAS)

Off-Road Equipment

Fuel Consumption: Equipment ≤ 100HP	Value
Brake Specific Fuel Consumption Factor (lb/hp-hr)[1]	0.408
Fuel Density (lb/gal)[1]	7.11
Consumption Factor (gal/hp-hr)	0.0574
Total HP-HR <100	312
Total Diesel Fuel (gal)	**18**

Fuel Consumption: Equipment > 100HP	Value
Brake Specific Fuel Consumption Factor (lb/hp-hr)[1]	0.367
Fuel Density (lb/gal)[1]	7.11
Consumption Factor (gal/hp-hr)	0.0516
Total HP-HR >100	1,072
Total Diesel Fuel (gal)	**55**

Total diesel gallons (off-road equipment): 73

Equipment	# of Equipment	Hours/Day	HP	Load Factor	Days	Total HP-HR
Cranes	1	8	231	0.29	2	1,071.84
Aerial Lifts	1	8	63	0.31	2	312.48
				Total >100HP		1,071.84
				Total <100HP		312.48

Notes:
1. CARB, 2017 Off-road Diesel Emission Factors
https://ww3.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017_v7.xlsx

Project Electricity Consumption

Parameter	Value
Daily Electricity Consumption (kWh)[1]	800
Operational Days per year	365
Annual Electricity Consumption (kWh)	292,000
Annual Electricity Consumption (GWh)	0.292
Turlock Irrigation District Electricity Sales (GWh)[2]	2,045.82
Project % of Sales	**0.0143%**

Notes:

1 1) Data needs responses,V2

2 Turlock Irrigation District, Annual Report-2019
https://issuu.com/turlockirrigationdistrict/docs/tid_2019_annualreport_digital?fr=sNTkwMzE5NTkxNTU

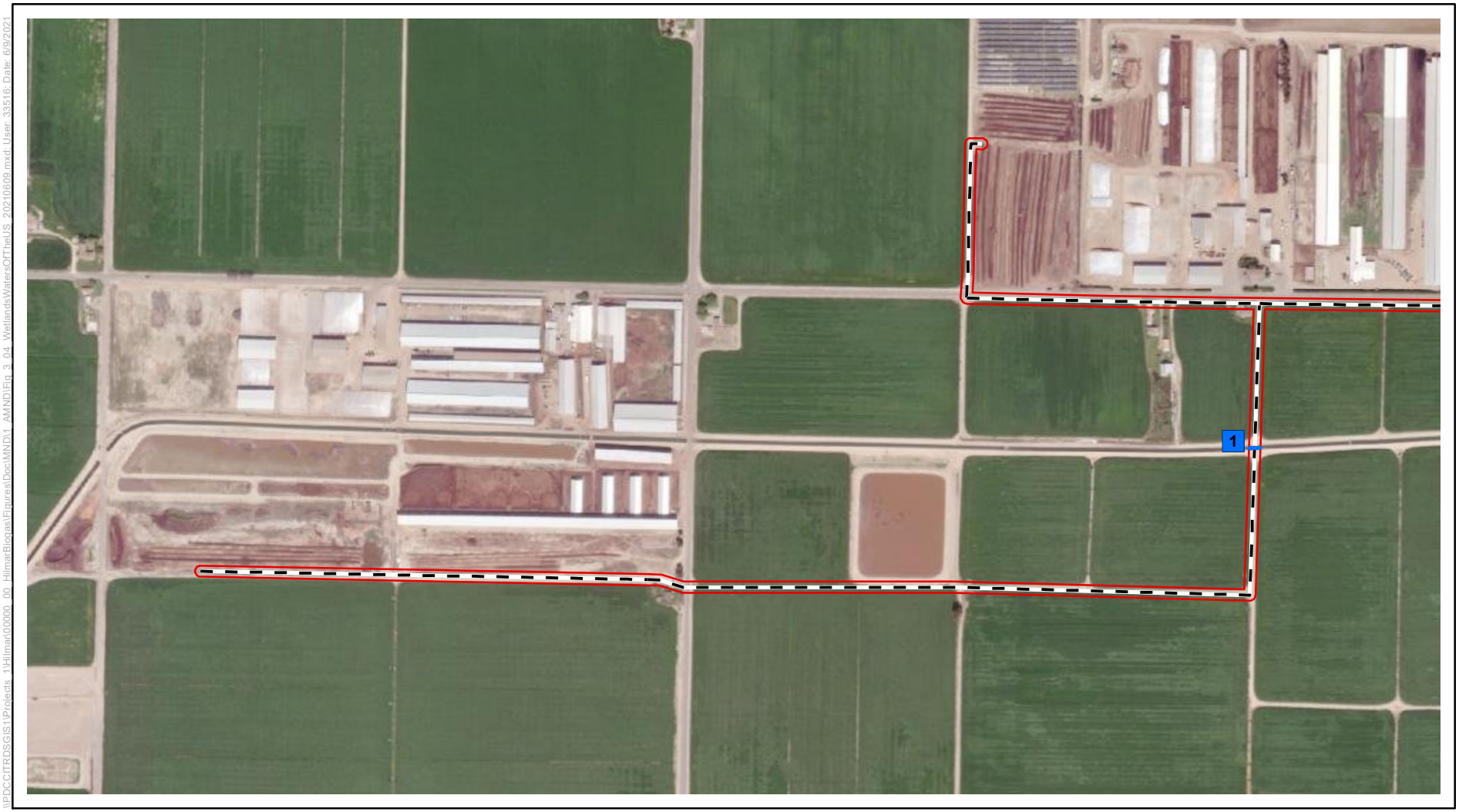
Region	San Joaquin Valley Unified APCD
Model Year	Aggregate
Speed	Aggregate
Fuel	Gasoline
Calendar Year	2021

Row Labels	Sum of Total VMT	Sum of Fuel Consumption
LDA	53449652.25	1907.411284
LDT1	4523420.86	194.8738923
LDT2	21850868.49	985.3993779
Grand Total	**79823941.6**	**3087.684554**

Employee Vehicle Fuel Consumption Factor

Vehicle Categor	VMT (mi/day)	Fuel Consumption (1000gal/day)	Fuel Consumption Factor (gal/mi)	Fuel Economy (mi/gal)	Distribution of Trips	Fuel Consumption Factor (gal/mi)
LDA	53449652.25	1907.41	0.036	28.02	67.0%	0.039
LDT1	4523420.86	194.87	0.043	23.21	5.7%	
LDT2	21850868.49	985.40	0.045	22.17	27.4%	

Appendix 3.4-A
Biological Resources Figures



Legend

- Biogas Pipeline
- Hilmar Biogas Facility Upgrade
- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

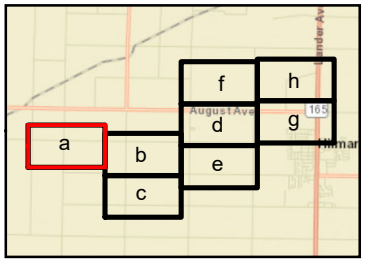
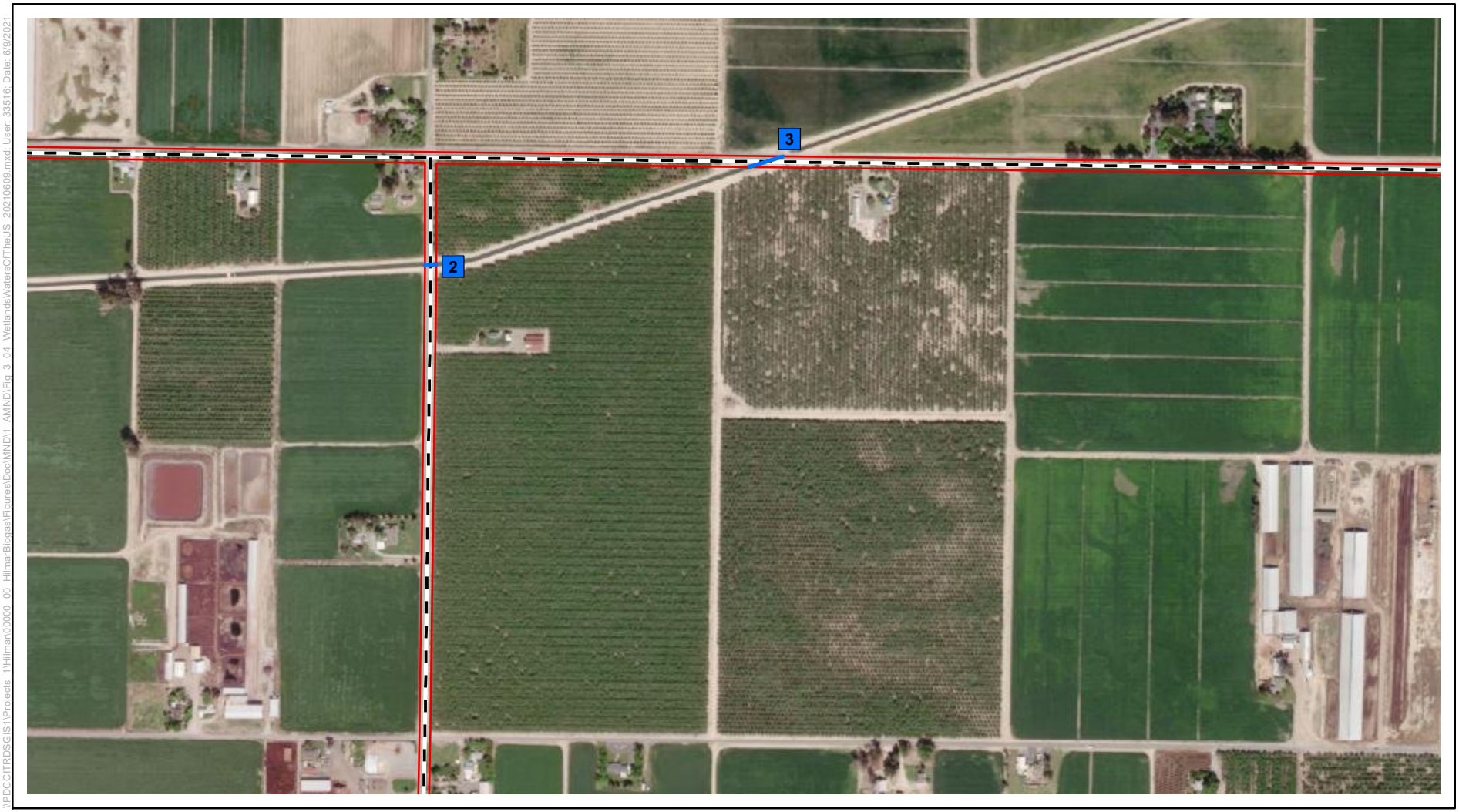


Figure 3.04-A-1a
Biological Resources in the Study Area



Legend

- Biogas Pipeline
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- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

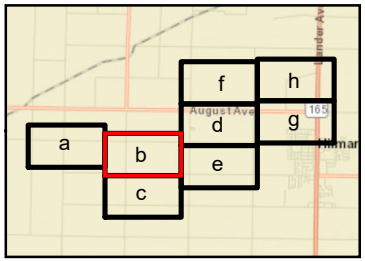
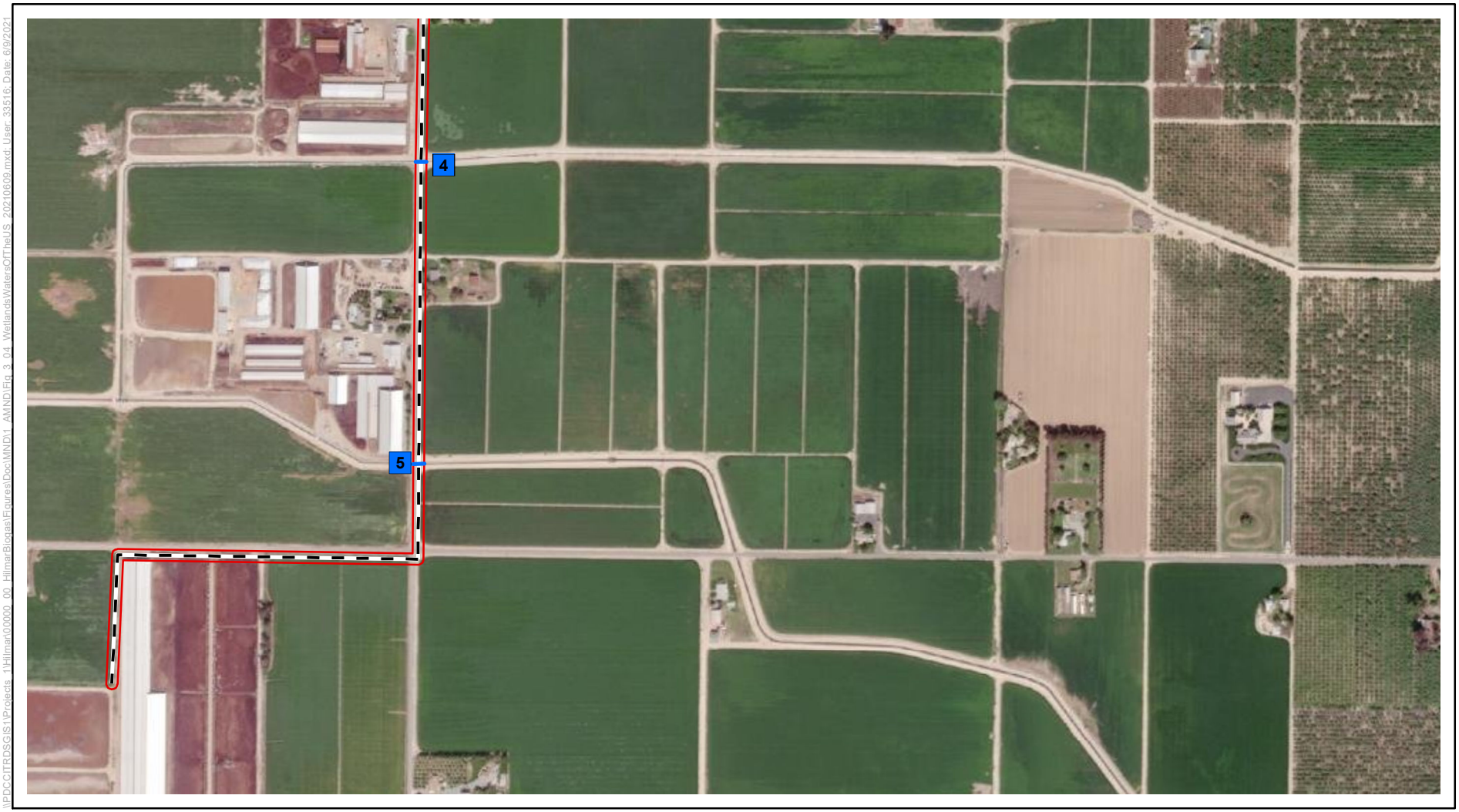


Figure 3.04-A-1b
Biological Resources in the Study Area



Legend

- Biogas Pipeline
- Hilmar Biogas Facility Upgrade
- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

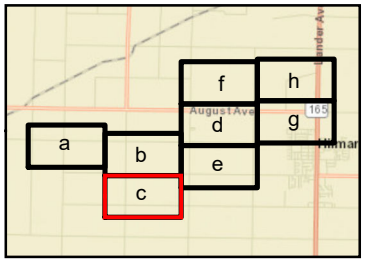


Figure 3.04-A-1c
Biological Resources in the Study Area

Legend

- Biogas Pipeline
- Hilmar Biogas Facility Upgrade
- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

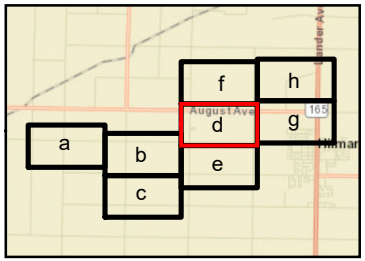
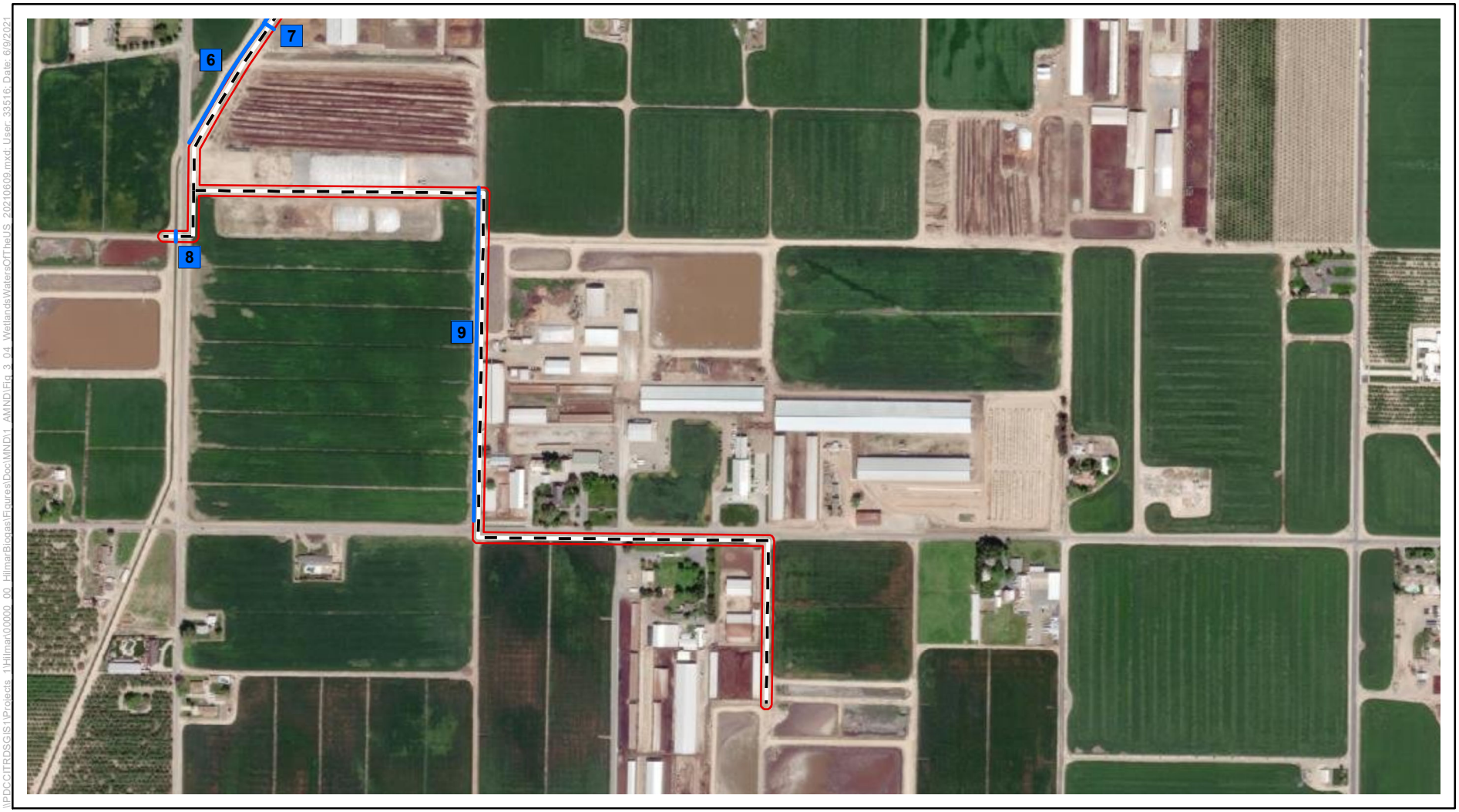


Figure 3.04-A-1d
Biological Resources in the Study Area



Legend

- Biogas Pipeline
- Hilmar Biogas Facility Upgrade
- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

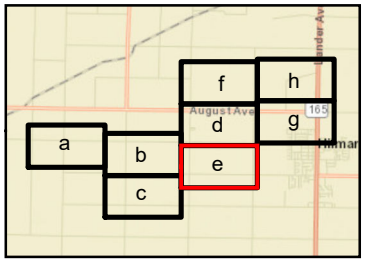
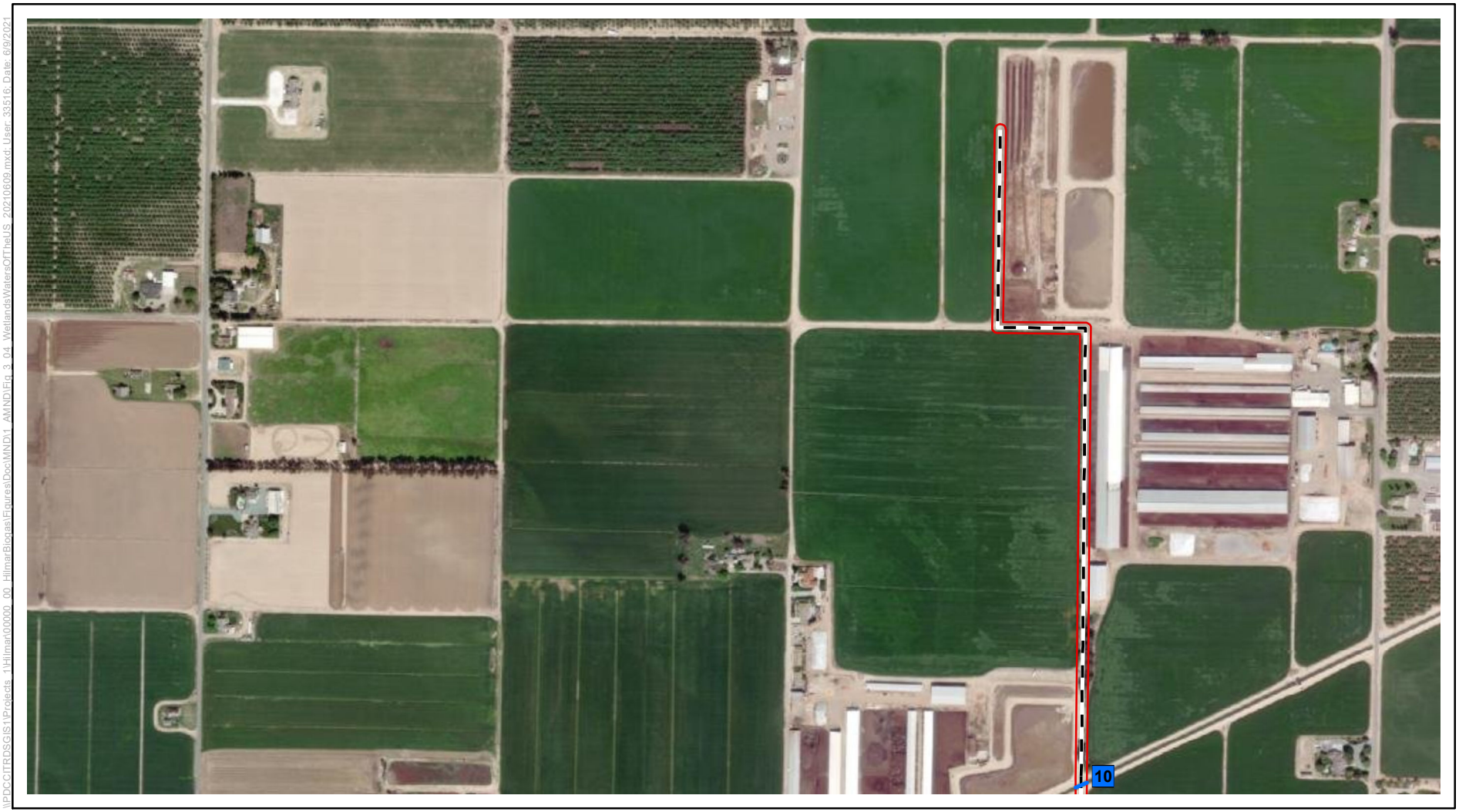


Figure 3.04-A-1e
Biological Resources in the Study Area



Legend

- Biogas Pipeline
- Hilmar Biogas Facility Upgrade
- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

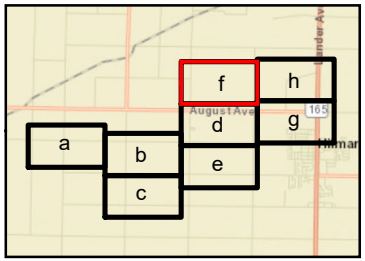


Figure 3.04-A-1f
Biological Resources in the Study Area

Legend

- Biogas Pipeline
- Hilmar Biogas Facility Upgrade
- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

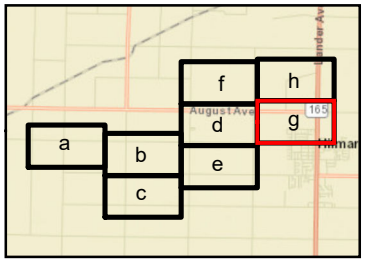
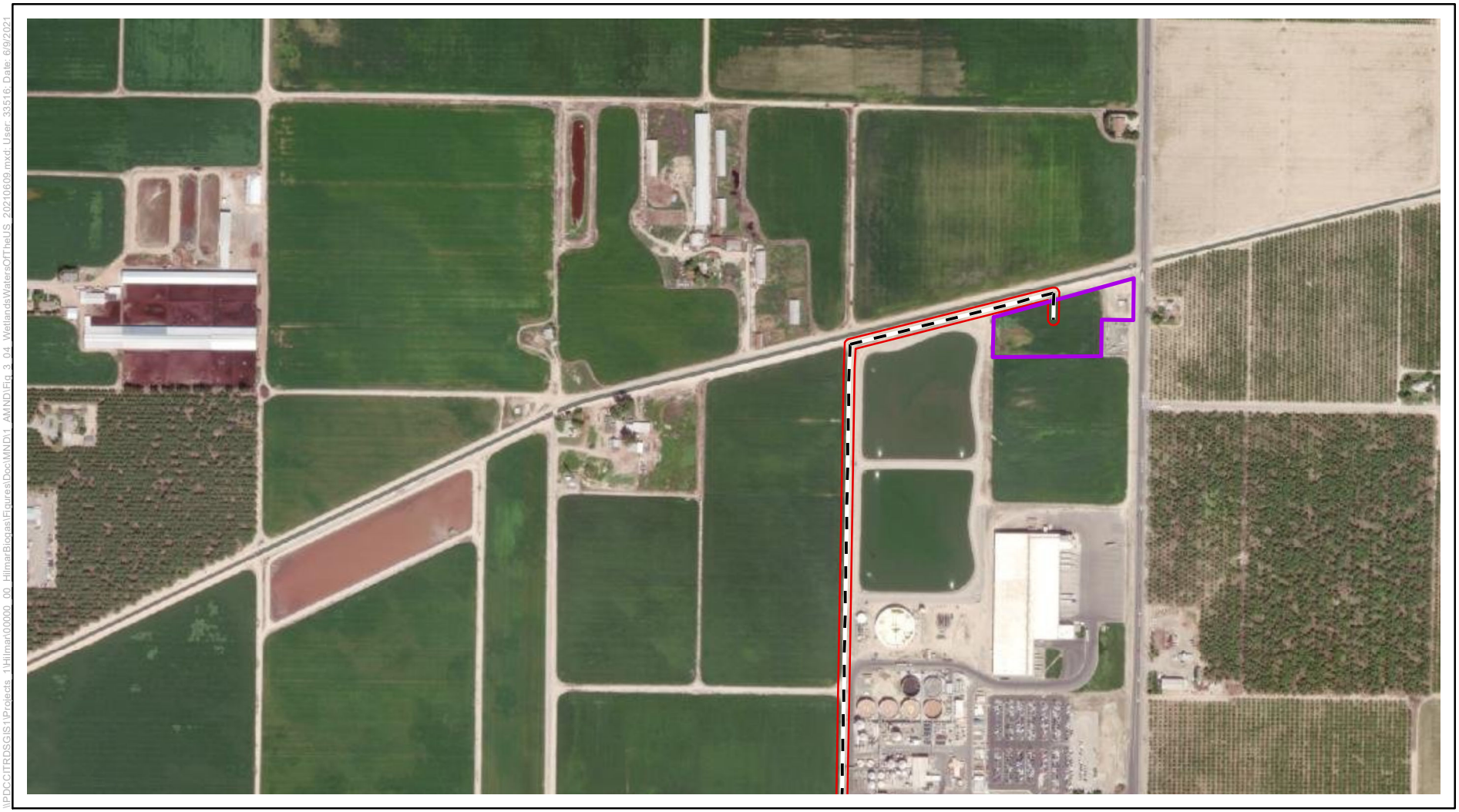


Figure 3.04-A-1g
Biological Resources in the Study Area

ICF



Legend

- Biogas Pipeline
- Hilmar Biogas Facility Upgrade
- 25 Foot Buffer on Pipeline
- Irrigation Canal

N

0 250 500 Feet

1:8,000

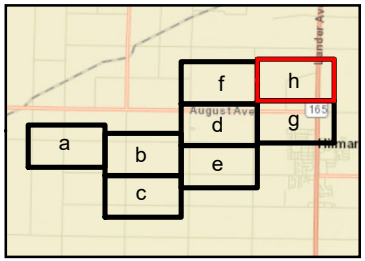


Figure 3.04-A-1h
Biological Resources in the Study Area

ICF

Appendix 3.4-B
Biological Resources Photographs

Appendix B Representative Photographs

Photo 1. Bareground road shoulders (developed land cover) and almond orchard (agriculture land cover)

Photo 2. Eucalyptus tree line (potential nesting habitat) with row crops (agriculture land cover)

Photo 3. Road shoulder recently treated with herbicide.

Photo 4. Concrete lined irrigation canal (Lateral #6)

Photo 5. Concrete lined irrigation canal (Lateral #6)

Photo 6. Reservior near Hilmar Cheese Company

Photo 7. Reservior near Hilmar Cheese Company

Photo 8. Ponded water fed from the Hilmar Cheese Company Reservoir. Last years corn stalks are pictured here. Dominant vegetation at the time of the survey was annual meadow grass (*Poa annua* (FAC)) with a subdominant of cheeseweed (*Malva parviflora (UPL)*).

Appendix 3.4-C

Special-Status Plant and Wildlife Species

Appendix C Special-Status Plant Species Known to Occur within the Project Region

Species	Status Fed/State/ Other	Distribution	Habitat	Blooming Period	Likelihood of Occurrence
Plants					
Atriplex minuscula Lesser saltscale	–/–/1B.1	Sacramento and San Joaquin Valley, Butte County and from Merced County to Kern County	Sandy alkaline soils in chenopod scrub, playas, valley and foothill grassland; 45-655 feet. Blooming period is May-Oct.	May-Oct	**Very Low**: A single CNPS record was recorded within the Hatch Quadrangle but the exact location or date is unknown. Historical records have been recorded north of the study area with the closest being more than 6 miles. There is no suitable habitat in the study area.
Eryngium racemosum Delta button celery	–/SE/1B.1	San Joaquin River delta, floodplains, and adjacent Sierra Nevada foothills: Calaveras, Merced, San Joaquin, and Stanislaus Counties	Riparian scrub, seasonally inundated depressions along floodplains on clay soils, below 250 feet above mean sea level (MSL). Blooming period is Jun-Aug.	Jun-Oct	**Very Low:** There are no CNDDB records within 5 miles of the study area and there is no suitable habitat on the study area.
Monardella leucocephala Merced monardella	–/–/1A	Presumed extirpated, last seen in 1941, historically known from northern San Joaquin Valley.	Moist, sub-alkaline soils associated with low elevation grassland, in sandy depressions and riverbeds, from 115 to 330 feet above MSL. Blooming period is May-Aug.	May-Aug	**Very Low**: There is one CNDDB record within 5 miles of the study area from 1941 located approximately 3.7 miles west of the study area. There is no suitable habitat in the study area.
Puccinellia simplex California alkali grass	–/–/1B.2	Alameda, Butte, Contra Costa, Colusa, Fresno, Glenn, Kings*, Kern, Lake, Los Angeles, Madera, Merced, Napa, San Bernardino, Santa Clara, Santa Cruz, San Luis Obispo, Solano, Stanislaus, Tulare, Yolo Counties; Utah.	Alkaline soils, vernally mesic; 5-3050 feet. Blooming period is Mar-May.	Mar-May	**Very Low**: Two CNPS records were recorded within the Hatch Quadrangle but the exact location or date is unknown. One historical record was collected more than 10 miles north of the study area. There is no suitable habitat in the study area.

Species	Status Fed/State/ Other	Distribution	Habitat	Blooming Period	Likelihood of Occurrence

Status Explanations:

– = no status

California Rare Plant Rank

1A = Plants presumed extirpated in California and either rare or extinct elsewhere.

1B = Plants that are rare, threatened, or endangered in California and elsewhere.

California Native Plant Society Threat Code Extension

0.1-Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)

0.2-Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)

Special-Status Wildlife Species Known to Occur within the Project Region

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
Invertebrates				
Bombus crotchii Crotch bumble bee	-/CSE/-	Pacific Coast, Western Desert, Great Valley, and adjacent foothills throughout most of southwestern California	Open grassland and scrub; nests underground. Food plants include *Asclepias*, *Chaenactis*, *Lupinus*, *Medicago*, *Phacelia*, and *Salvia*.	**None:** There is one CNDDB record from 1951 located approximately 3.8 miles north of the study area. There is no suitable habitat on the study area.
Branchinecta longiantenna Longhorn fairy shrimp	FE/-/-	Eastern margin of central Coast Ranges from Contra Costa County to San Luis Obispo County; disjunct population in Madera County.	Small, clear pools in sandstone rock outcrops of clear to moderately turbid clay- or grass-bottomed pools.	**None:** There is one CNDDB record from 2014 located approximately 1.6 mile south of the study area. There is no suitable habitat on the study area.
Branchinecta lynchi Vernal pool fairy shrimp	FT/-/-	Central Valley, central and south Coast Ranges from Tehama County to Santa Barbara County; isolated populations also in Riverside County.	Common in vernal pools; also found in sandstone rock outcrop pools.	**None:** There are no CNDDB records within 5 miles of the study area and there is no suitable habitat in the study area.
Desmocerus californicus dimorphus Valley elderberry longhorn beetle	FT/-/-	Stream side habitats below 3,000 feet throughout the Central Valley.	Riparian and oak savanna habitats with elderberry shrubs; elderberries are the host plant.	**None:** There are no CNDDB records within 5 miles of the study area, and there is no suitable habitat and no elderberry shrubs (host plant) in the study area.
Lepidurus packardi Vernal pool tadpole shrimp	FE/-/-	Shasta County south to Merced County.	Vernal pools and ephemeral stock ponds.	**None:** There are no CNDDB records within 5 miles of the study area, and there is no suitable habitat in the study area.
Fish				
Hypomesus transpacificus	FT/SE/–	Primarily in the Sacramento–San Joaquin Estuary but has been	Occurs in estuary habitat in the Delta where fresh and brackish	**None:** There are no CNDDB records within 5 miles of the

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
Delta smelt		found as far upstream as the mouth of the American River on the Sacramento River and Mossdale on the San Joaquin River; range extends downstream to San Pablo Bay.	water mix in the salinity range of 2–7 parts per thousand (Moyle 2002).	study area, and there is no suitable habitat within the study area.
Oncorhynchus mykiss Central Valley Steelhead	FT/–/–	Sacramento and San Joaquin River and their tributaries.	Aquatic; anadromous fish that spawns and spends a portion of its life in inland streams, typically maturing in the open ocean.	**None:** There are two CNDDB records from 2013 located approximately 2.2 miles south of the study area in the Merced River. There is no suitable habitat within the study area.
Amphibians				
Ambystoma californiense California tiger salamander	FT/ST/–	Central Valley, including Sierra Nevada foothills, up to approximately 1,000 feet, and coastal region from Sonoma County south to Santa Barbara County.	Small ponds, lakes, or vernal pools in grasslands and oak woodlands for larvae; rodent burrows, rock crevices, or fallen logs for cover for adults and for summer dormancy.	**None:** There are no CNDDB records within 5 miles of the study area. No suitable aquatic or upland habitat is present within 1.24 mile of the study area. Agricultural basins in and near the study area are not expected to support the species.
Rana draytonii California red-legged frog	FT/–/SSC	Found along the coast and coastal mountain ranges of California from Mendocino County to San Diego County and in the Sierra Nevada from Butte County to Stanislaus County.	Permanent and semi-permanent aquatic habitats, such as creeks and cold water ponds with emergent and submergent vegetation; may aestivate in rodent burrows or cracks during dry periods.	**None:** There are no CNDDB records within 5 miles of the study area. California red-legged frogs are presumed to be extirpated from the valley floor.
Reptiles				
Anniella pulchra pulchra Northern California legless lizard	–/–/SSC	Along the Coast, Transverse, and Peninsular Ranges from Contra Costa County to San Diego County	Habitats with loose soil for burrowing or thick duff or leaf litter; often forages in leaf litter at plant bases; may be found on	**None:** There are two CNDDB record from 1926 and 2014 located approximately 3.8 miles north of the study area in

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
		with spotty occurrences in the San Joaquin Valley.	beaches, sandy washes, and in woodland, chaparral, and riparian areas.	the city of Turlock. There is no suitable habitat in the study area.
Emys marmorata Western pond turtle	–/SSC	The western pond turtle is uncommon to common in suitable aquatic habitat throughout California, west of the Sierra-Cascade crest and absent from desert regions, except in the Mojave Desert along the Mojave River and its tributaries.	Occupies ponds, marshes, rivers, streams, and irrigation canals with muddy or rocky bottoms and with watercress, cattails, water lilies, or other aquatic vegetation in woodlands, grasslands, and open forests. Nests are typically constructed in upland habitat within 0.25 mile of aquatic habitat.	**None:** There are no CNDDB occurrences within 5 miles of the study area and there is no suitable habitat for this species within the study area. Pond turtles are not expected to use onsite water treatment ponds because these ponds lack vegetation for cover and forage, frequent routine maintenance, fluctuation of water levels, and because they do not hydrologically connect to any suitable aquatic habitat known or with potential to support western pond turtle.
Gambelia sila Blunt-nosed leopard lizard	FE/SE/FP	San Joaquin Valley from Stanislaus County through Kern County and along the eastern edges of San Luis Obispo and San Benito Counties.	Open habitats with scattered low bushes on alkali flats, and low foothills, canyon floors, plains, washes, and arroyos; substrates may range from sandy or gravelly soils to hardpan.	**None:** There are no CNDDB records within 5 miles of the study area and the study area is outside the known range of the species.
Thamnophis gigas Giant garter snake	FT/ST/-	Central Valley from the vicinity of Burrel in Fresno County north to near Chico in Butte County; has been extirpated from areas south of Fresno.	Sloughs, canals, low gradient streams and freshwater marsh habitats where there is a prey base of small fish and amphibians; also found in irrigation ditches and rice fields; requires grassy banks and emergent vegetation for basking and areas of high ground protected from flooding during winter.	**None:** There are no CNDDB records within 5 miles of the study area and there is no suitable habitat in the study area. The water treatment ponds and agricultural ditches within the study area do not provide suitable habitat for this species due to the lack of vegetation for cover and forage, frequent

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
				routine maintenance, fluctuation of water levels, and because they do not hydrologically connect to any suitable aquatic habitat known or with potential to support giant garter snake.
Birds				
Branta hutchinsii leucopareia Cackling (Aleutian Canada) goose	-/-/-	Common winter resident of the greater Central Valley. Migrant throughout much of northern California.	Forages in freshwater marshes, saltmarshes, mudflats, meadows, and agricultural fields. Rests, bathes, and roosts on lakes and reservoirs.	**Low:** There is one CNDDB record located approximately 2.6 miles southwest of the study area. Although much of the habitat in and around the study area is modified for agricultural and residential use, suitable foraging and resting habitat for this species can be found at onsite water treatment ponds in the northeastern portion of the study area and throughout the agricultural fields.
Agelaius tricolor Tricolored blackbird	–/CSE/SSC	Permanent resident in the Central Valley from Butte County to Kern County. Breeds at scattered coastal locations from Marin County south to San Diego County; and at scattered locations in Lake, Sonoma, and Solano Counties. Rare nester in Siskiyou, Modoc, and Lassen Counties	Nests in dense colonies in emergent marsh vegetation, such as tules and cattails, or upland sites with blackberries, nettles, thistles, and grain fields. Habitat must be large enough to support 50 pairs. Probably requires water at or near the nesting colony.	**None (nesting):** There nine CNDDB records from breeding observations in 1933, 1975, 2000, 2014, and 2015 located at the northeastern most portion of the study area and approximately 3.8 mile east of the study area. Both of these colonies were presumed extirpated in 1991. There is no preferred nesting habitat (i.e., emergent marsh vegetation) on the study area. Although

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
				the species has been known to nest in grain crops, there is no suitably sized foraging areas nearby that could support a nesting colony. Therefore the species is not expected to nest onsite. The species could occasionally forage onsite throughout the year.
Buteo swainsoni Swainson's hawk	–/ST/–	Lower Sacramento and San Joaquin Valleys, the Klamath Basin, and Butte Valley. Highest nesting densities occur near Davis and Woodland, Yolo County.	Nests in oaks or cottonwoods in or near riparian habitats. Forages in grasslands, irrigated pastures, and grain fields.	**High:** There are nine CNDDB records within 5 miles of the study area. The closest known nest is 0.2 miles north of the study area and was confirmed nesting in 2012. There are many Eucalyptus trees on the study area that could provide suitable nesting habitat. Open agricultural fields on and adjacent to the study area provide potential foraging habitat. The most common crop planted onsite is wheat, which provide only marginal foraging habitat for the species. Based on the high density of trees onsite, there is a high probability of nesting on the study area.
Circus cyaneus Northern harrier	–/–/SSC	Occurs throughout lowland California. Has been recorded in fall at high elevations.	Grasslands, meadows, marshes, and seasonal and agricultural wetlands.	**Low (foraging habitat only):** There are no CNDDB records within 5 miles of the study area. There is no suitable nesting habitat on the study area, however, suitable foraging

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
				habitat for this species occurs in the open fields within the study area.
Elanus leucurus White-tailed kite	–/–/FP	Lowland areas west of Sierra Nevada from the head of the Sacramento Valley south, including coastal valleys and foothills to western San Diego County at the Mexico border.	Low foothills or valley areas with valley or live oaks, riparian areas, and marshes near open grasslands for foraging.	**Low:** There are no CNDDB records within 5 miles of the study area. The Eucalyptus trees within the study area could provide suitable nesting habitat and open agricultural fields provide a small amount of suitable foraging habitat for this species.
Vireo bellii pusillus Least Bell's vireo	FE/SE/–	Small populations remain in southern Inyo, southern San Bernardino, Riverside, San Diego, Orange, Los Angeles, Ventura, and Santa Barbara Counties.	Riparian thickets either near water or in dry portions of river bottoms; nests along margins of bushes and forages low to the ground; may also be found using mesquite and arrow weed in desert canyons.	**None:** There is one CNDDB record within 5 miles of the study area from an observation of a nesting pair in 1919 located approximately three miles east of the study area. There is no suitable habitat in or near the study area.
Mammals				
Dipodomys nitratoides exilis Fresno kangaroo rat	FE/SE/–	Historically found from Merced Co. south to Central Fresno County.	Found at elevations from 200 to 300 feet in alkali sink habitats	**None:** There are no CNDDB records within 5 miles of the study area. Habitat within and around the study area has largely been converted to agricultural and residential use and is unlikely to support this species.
Dipodomys heermanii dixoni Merced kangaroo rat	-/-/-	Historically found in Merced, Madera, and Fresno Counties.	Found at elevations from 200 to 300 feet in alkali sink habitats	**None:** There is one CNDDB record from 1922 located approximately 3.4 miles east of the study area. Habitat within and around the study

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
				area has largely been converted to agricultural and residential use and is unlikely to support this species.
Lasiurus cinereus Hoary bat	–/–/M	Widespread throughout California	Roosts in coniferous and deciduous trees, typically within forests.	**Low:** There are two CNDDB records within 5 miles of the study area from observations in 1925 and 1999, located approximately 3.7 miles southwest of the study area along the Merced River. Trees within and around the study area may provide suitable roosting habitat for this species.
Lasiurus blossevillii Western red bat	-/SSC/-	Widespread throughout California	Roosts along riparian corridors, within trees in urban areas, and within orchards. Commonly forages over open water.	**Low:** There is one CNDDB record located approximately 3.8 miles southwest of the study area along the Merced River. Trees within and around the study area may provide suitable roosting habitat for this species.
Myotis yumanensis Yuma myotis	-/-/-	Widespread throughout California	Roosts within man-made structures and loose tree bark, commonly forages over open water.	**Low:** There is one CNDDB record located approximately 3.8 miles southwest of the study area along the Merced River. Trees within and around the study area may provide suitable roosting habitat for this species.

Species	Status Fed/State/ Other	Distribution	Habitat	Likelihood of Occurrence
Status Explanations:				
– = no status				
Federal				
FE = Federally listed as endangered under the ESA				
FT = Federally listed as threatened under the ESA				
State				
SE = State listed as endangered under CESA				
ST = State listed as threatened under CESA				
SSC = California Species of Special Concern				
FP = California Fully Protected Species				
CSE = Candidate for listing as state endangered under CESA				
Western Bat Working Group (WBWG) Conservation Priority				
M= Medium				

Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (Turlock (3712047) OR Hatch (3712048))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Agelaius tricolor tricolored blackbird	ABPBXB0020	None	Threatened	G1G2	S1S2	SSC
Anniella pulchra Northern California legless lizard	ARACC01020	None	None	G3	S3	SSC
Bombus crotchii Crotch bumble bee	IIHYM24480	None	Candidate Endangered	G3G4	S1S2	
Branta hutchinsii leucopareia cackling (=Aleutian Canada) goose	ABNJB05035	Delisted	None	G5T3	S3	WL
Buteo swainsoni Swainson's hawk	ABNKC19070	None	Threatened	G5	S3	
Dipodomys heermanni dixoni Merced kangaroo rat	AMAFD03062	None	None	G4T2T3	S2S3	
Emys marmorata western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
Lasiurus cinereus hoary bat	AMACC05030	None	None	G3G4	S4	
Monardella leucocephala Merced monardella	PDLAM180C0	None	None	GX	SX	1A
Oncorhynchus mykiss irideus pop. 11 steelhead - Central Valley DPS	AFCHA0209K	Threatened	None	G5T2Q	S2	
Puccinellia simplex California alkali grass	PMPOA53110	None	None	G3	S2	1B.2
Vireo bellii pusillus least Bell's vireo	ABPBW01114	Endangered	Endangered	G5T2	S2	

Record Count: 12

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
Phone: (916) 414-6600 Fax: (916) 414-6713

In Reply Refer To: February 02, 2021
Consultation Code: 08ESMF00-2021-SLI-0907
Event Code: 08ESMF00-2021-E-02558
Project Name: Hilmar Biogas Cluster

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, under the jurisdiction of the U.S. Fish and Wildlife Service (Service) that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the Service under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Please follow the link below to see if your proposed project has the potential to affect other species or their habitats under the jurisdiction of the National Marine Fisheries Service:

http://www.nwr.noaa.gov/protected_species/species_list/species_lists.html

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to

utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

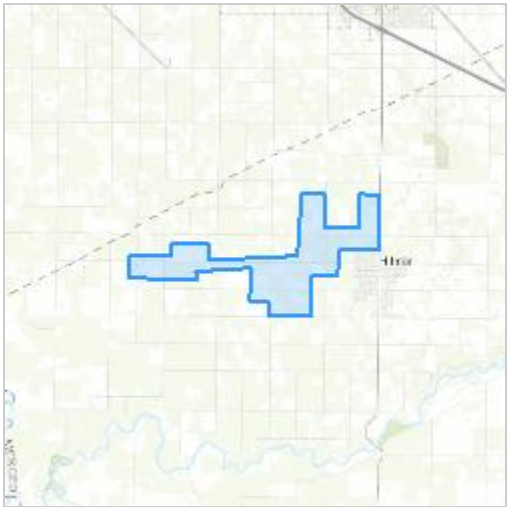
This species list is provided by:

Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
(916) 414-6600

Project Summary

Consultation Code: 08ESMF00-2021-SLI-0907
Event Code: 08ESMF00-2021-E-02558
Project Name: Hilmar Biogas Cluster
Project Type: OIL OR GAS
Project Description: Biogas pipeline construction
Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@37.41344065000007,-120.87055671735956,14z



Counties: Merced County, California

Endangered Species Act Species

There is a total of 9 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Fresno Kangaroo Rat *Dipodomys nitratoides exilis*	Endangered

There is **final** critical habitat for this species. The location of the critical habitat is not available.
Species profile: https://ecos.fws.gov/ecp/species/5150

Reptiles

NAME	STATUS
Blunt-nosed Leopard Lizard *Gambelia silus*	Endangered

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/625

Giant Garter Snake *Thamnophis gigas*	Threatened

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/4482

Amphibians

NAME	STATUS
California Red-legged Frog *Rana draytonii* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/2891	Threatened
California Tiger Salamander *Ambystoma californiense* Population: U.S.A. (Central CA DPS) There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/2076	Threatened

Fishes

NAME	STATUS
Delta Smelt *Hypomesus transpacificus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/321	Threatened

Insects

NAME	STATUS
Valley Elderberry Longhorn Beetle *Desmocerus californicus dimorphus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7850	Threatened

Crustaceans

NAME	STATUS
Vernal Pool Fairy Shrimp *Branchinecta lynchi* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/498	Threatened
Vernal Pool Tadpole Shrimp *Lepidurus packardi* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/2246	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

CNPS California Native Plant Society

Inventory of Rare and Endangered Plants

*The database used to provide updates to the Online Inventory is under construction. View updates and changes made since May 2019 here.

Plant List

4 matches found. *Click on scientific name for details*

Search Criteria

Found in Quads 3712048 and 3712047;

Modify Search Criteria | Export to Excel | Modify Columns | Modify Sort | Remove Photos

Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank	Photo
Atriplex minuscula	lesser saltscale	Chenopodiaceae	annual herb	May-Oct	1B.1	S2	G2	 2000 Robert E. Preston, Ph.D.
Eryngium racemosum	Delta button-celery	Apiaceae	annual / perennial herb	Jun-Oct	1B.1	S1	G1	 2010 Chris Winchell
Monardella leucocephala	Merced monardella	Lamiaceae	annual herb	May-Aug	1A	SH	GH	no photo available
Puccinellia simplex	California alkali grass	Poaceae	annual herb	Mar-May	1B.2	S2	G3	no photo available

Suggested Citation

California Native Plant Society, Rare Plant Program. 2021. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website http://www.rareplants.cnps.org [accessed 02 February 2021].

Search the Inventory
Simple Search
Advanced Search
Glossary

Information
About the Inventory
About the Rare Plant Program
CNPS Home Page
About CNPS
Join CNPS

Contributors
The Calflora Database
The California Lichen Society
California Natural Diversity Database
The Jepson Flora Project
The Consortium of California Herbaria
CalPhotos

Questions and Comments
rareplants@cnps.org

Appendix 3.5-A
AB52 Consultation Materials

Local Government Tribal Consultation List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Type of List Requested

■ **CEQA Tribal Consultation List (AB 52)** – ***Per Public Resources Code § 21080.3.1, subs. (b), (d), (e) and 21080.3.2***

☐ **General Plan (SB 18)** - ***Per Government Code § 65352.3.***

Local Action Type:

☐ **General Plan** ☐ **General Plan Element** ☐ **General Plan Amendment**

☐ **Specific Plan** ☐ **Specific Plan Amendment** ☐ **Pre-planning Outreach Activity**

Required Information

Project Title: Hilmar Biogas Cluster

Local Government/Lead Agency: Merced County/Hilmar Cheese Company

Contact Person: Lily Arias

Street Address: 201 Mission Street, suite 1500

City: San Francisco, CA **Zip:** 94105

Phone: 510.589.0467 **Fax:**

Email: lily.arias@icf.com

Specific Area Subject to Proposed Action

County: Merced **City/Community:** Hilmar

Project Description:

The Hilmar Cheese Company is proposing the construction and operation of a biogas processing plant and related low-pressure biogas pipeline in Hilmar. The processing plant would collect and process biogas from the dairy digesters via the low-pressure biogas pipeline. After the biogas has been processed and conditioned to renewable natural gas (RNG) standards, the gas would be injected into the existing natural gas transmission line and sold for offsite use. We understand that these modifications include:

• Construction of a central biogas processing plant, which would include a biogas upgrading facility, gas loading and unloading facility, stormwater retention basin, and PG&E point of receipt area.

• A low-pressure biogas pipeline at a total length of approximately 8.5 miles connecting to a total of 6 anaerobic dairy digesters (during first phase) to collect and deliver biogas from the dairy digesters to the plant. the majority of the pipeline is proposed to be installed within Merced County Right-of-Way until the pipeline reaches private property owned by entities involved in the overall project and/or for connection to the dairy digester systems.

Additional Request

■ **Sacred Lands File Search** - ***Required Information:***

USGS Quadrangle Name(s): Hatch; Turlock

Township: 5S, 6S **Range:** 9E, 10E **Section(s):**


Stanislaus
Turlock
Merced
S Was
S
W Bradbury Rd
Township 5 South Range 10 East
Township 6 South Range 10 East
Hulberg Rd
Johnson Ave
Short St
August Ave
American Ave
Hil
Prairie Flower Rd
Faith Home Rd
Washington Rd
Bloss Ave
Tegner Rd
Columbus Ave
Geer Ave
165
Williams Ave
Township 6 South Range 9 East
Crane Ave
HATCH
TURLOCK
GUSTINE
STEVINSON
Kilroy Rd
Vero Ave
Riverside Ave
Legend
Archaeological Study Area
PLSS
USGS Quad
N
0
0.5
1 Miles
Project Location
Hillmar Cheese Biogas Project
USGS Quad: Turlock, Hatch
Document Path: \\PDCCITRPSGIS1\Projects_1\Hillmar\00000_00_Hillmar_Biogas\Analyses\Cultural\Hillmar_Biogas_NAHC_20210216.mxd

NATIVE AMERICAN HERITAGE COMMISSION

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

March 11, 2021

Lily Arias
ICF

Via Email to: Lily.Arias@icf.com

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Hilmar Biogas Project, Merced County

Dear Ms. Arias:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

- Any report that may contain site forms, site significance, and suggested mitigation measures.

  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 in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

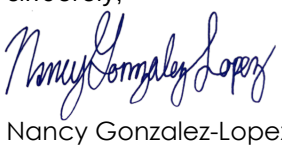
Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: Nancy.Gonzalez-Lopez@nahc.ca.gov.

Sincerely,



Nancy Gonzalez-Lopez
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Tribal Consultation List
Merced County
3/11/2021

Amah MutsunTribal Band
Valentin Lopez, Chairperson
P.O. Box 5272
Galt, CA, 95632
Phone: (916) 743 - 5833
vlopez@amahmutsun.org

Costanoan
Northern Valley
Yokut

North Valley Yokuts Tribe
Timothy Perez,
P.O. Box 717
Linden, CA, 95236
Phone: (209) 662 - 2788
huskanam@gmail.com

Costanoan
Northern Valley
Yokut

North Valley Yokuts Tribe
Katherine Perez, Chairperson
P.O. Box 717
Linden, CA, 95236
Phone: (209) 887 - 3415
canutes@verizon.net

Costanoan
Northern Valley
Yokut

Southern Sierra Miwuk Nation
William Leonard, Chairperson
P.O. Box 186
Mariposa, CA, 95338
Phone: (209) 628 - 8603

Miwok
Northern Valley
Yokut
Paiute

Tule River Indian Tribe
Neil Peyron, Chairperson
P.O. Box 589
Porterville, CA, 93258
Phone: (559) 781 - 4271
Fax: (559) 781-4610
neil.peyron@tulerivertribe-nsn.gov

Yokut

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Hilmar Biogas Project, Merced County.

May 6, 2021

Mr. William Leonard, Chairperson
Southern Sierra Miwuk Nation
PO Box 186
Mariposa, CA 95338

Subject: Hilmar Biogas Cluster Project, Merced County

Mr. Leonard,

The purpose of this letter is to inform you of the Hilmar Biogas Cluster project (Project). California Bioenergy LLC (Applicant) is proposing the construction and installation of a central biogas processing plant (Plant) as well as a low-pressure (less than 20psi) biogas pipeline (Pipeline). The Pipeline would collect biogas from nearby anaerobic dairy digesters and deliver the gas to the Plant. The Plant would collect, and process biogas delivered via the Pipeline. The Project involves a new Conditional Use Permit (CUP) to allow these uses.

These activities require analysis under the California Environmental Quality Act (CEQA). Merced County (the County) is the lead agency under CEQA. Please consider this letter and preliminary project information as formal notification of a proposed Project as required under CEQA, specifically Public Resources Code 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52).

A literature search for the Project site was conducted on February 17, 2021 at the Central California Information Center (CCIC) of the California Historical Resources Information System (CHRIS), Turlock, CA. The literature search did not identify any previously recorded prehistoric archaeological site within the Project area.

ICF requested a search of the Native American Heritage Commission (NAHC) sacred lands database, which failed to indicate any additional Native American cultural resources within the immediate project area. The NAHC also provided your name as a representative of a California Native American Tribe who may have knowledge of cultural resources within or near the Project area. The attached map illustrates the Project area.

The County would like to provide you with an opportunity to communicate concerns you might have regarding places within the Project area that may be important to your community. The County requests your participation in the identification and protection of cultural resources, sacred lands or other heritage sites within the above described Project area with the understanding that you or other members of the community might possess specialized knowledge of the area.

If you have any questions please feel free to contact me by telephone at (209) 385-7654 or e-mail at Brian.guerrero@countyofmerced.com.

Sincerely,

Brian Guerrero
Development Services Coordinator

Attachment: Project Location Maps


Stanislaus
Turlock
Merced
S Was
S
W Bradbury Rd
Township 5 South Range 10 East
Township 6 South Range 10 East
Hulberg Rd
Johnson Ave
Short St
August Ave
American Ave
Hil
Prairie Flower Rd
Faith Home Rd
Washington Rd
Bloss Ave
Tegner Rd
Columbus Ave
Geer Ave
165
Williams Ave
Township 6 South Range 9 East
Crane Ave
HATCH
TURLOCK
GUSTINE
STEVINSON
Kilroy Rd
Vero Ave
Riverside Ave
Legend
Archaeological Study Area
PLSS
USGS Quad
N
0
0.5
1 Miles
Project Location
Hillmar Cheese Biogas Project
USGS Quad: Turlock, Hatch
Document Path: \\PDCCITRPSGIS1\Projects_1\Hillmar\00000_00_Hillmar_Biogas\Analyses\Cultural\Hillmar_Biogas_NAHC_20210216.mxd

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Mariposa CA 95338

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☐ Return Receipt (electronic) $	Postmark Here
☐ Certified Mail Restricted Delivery $	
☐ Adult Signature Required $	
☐ Adult Signature Restricted Delivery $	
Postage $0.55	05/07/2021
Total Postage and Fees $4.15	

SAN JOSE CA 95124 6 MAY 2021

Sent To William Leonard
Street and Apt. No., or PO Box No. PO Box 186
City, State, ZIP+4® Mariposa, CA 95338

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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- A record of delivery (including the recipient's signature) that is retained by the Postal Service™ for a specified period.

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- Insurance coverage is *not* available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
- For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
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  - Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
  - Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
  - Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office™ for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailpiece, apply appropriate postage, and deposit the mailpiece.

IMPORTANT: Save this receipt for your records.

PS Form **3800,** April 2015 *(Reverse)* PSN 7530-02-000-9047

May 6, 2021

Mr. Valentin Lopez, Chairperson
Amah Mutsun Tribal Band
PO Box 5272
Galt, CA 95632

Subject: Hilmar Biogas Cluster Project, Merced County

Mr. Lopez,

The purpose of this letter is to inform you of the Hilmar Biogas Cluster project (Project). California Bioenergy LLC (Applicant) is proposing the construction and installation of a central biogas processing plant (Plant) as well as a low-pressure (less than 20psi) biogas pipeline (Pipeline). The Pipeline would collect biogas from nearby anaerobic dairy digesters and deliver the gas to the Plant. The Plant would collect, and process biogas delivered via the Pipeline. The Project involves a new Conditional Use Permit (CUP) to allow these uses.

These activities require analysis under the California Environmental Quality Act (CEQA). Merced County (the County) is the lead agency under CEQA. Please consider this letter and preliminary project information as formal notification of a proposed Project as required under CEQA, specifically Public Resources Code 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52).

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Sincerely,

Brian Guerrero
Development Services Coordinator

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Stanislaus
Turlock
Merced
S Was
S
W Bradbury Rd
Township 5 South Range 10 East
Township 6 South Range 10 East
Hulberg Rd
Johnson Ave
Short St
August Ave
American Ave
Hil
Prairie Flower Rd
Faith Home Rd
Washington Rd
Bloss Ave
Tegner Rd
Columbus Ave
Geer Ave
165
Williams Ave
Township 6 South Range 9 East
Crane Ave
HATCH
TURLOCK
GUSTINE
STEVINSON
Kilroy Rd
Vero Ave
Riverside Ave
Legend
Archaeological Study Area
PLSS
USGS Quad
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Project Location
Hillmar Cheese Biogas Project
USGS Quad: Turlock, Hatch
Document Path: \\PDCCITRPSGIS1\Projects_1\Hillmar\00000_00_Hillmar_Biogas\Analyses\Cultural\Hillmar_Biogas_NAHC_20210216.mxd

May 6, 2021

Ms. Katherine Erolinda Perez, Chairperson
North Valley Yokuts Tribe
PO Box 717
Linden, CA 95236

Subject: Hilmar Biogas Cluster Project, Merced County

Ms. Perez,

The purpose of this letter is to inform you of the Hilmar Biogas Cluster project (Project). California Bioenergy LLC (Applicant) is proposing the construction and installation of a central biogas processing plant (Plant) as well as a low-pressure (less than 20psi) biogas pipeline (Pipeline). The Pipeline would collect biogas from nearby anaerobic dairy digesters and deliver the gas to the Plant. The Plant would collect, and process biogas delivered via the Pipeline. The Project involves a new Conditional Use Permit (CUP) to allow these uses.

These activities require analysis under the California Environmental Quality Act (CEQA). Merced County (the County) is the lead agency under CEQA. Please consider this letter and preliminary project information as formal notification of a proposed Project as required under CEQA, specifically Public Resources Code 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., AB 52).

A literature search for the Project site was conducted on February 17, 2021 at the Central California Information Center (CCIC) of the California Historical Resources Information System (CHRIS), Turlock, CA. The literature search did not identify any previously recorded prehistoric archaeological site within the Project area.

ICF requested a search of the Native American Heritage Commission (NAHC) sacred lands database, which failed to indicate any additional Native American cultural resources within the immediate project area. The NAHC also provided your name as a representative of a California Native American Tribe who may have knowledge of cultural resources within or near the Project area. The attached map illustrates the Project area.

The County would like to provide you with an opportunity to communicate concerns you might have regarding places within the Project area that may be important to your community. The County requests your participation in the identification and protection of cultural resources, sacred lands or other heritage sites within the above described Project area with the understanding that you or other members of the community might possess specialized knowledge of the area.

If you have any questions please feel free to contact me by telephone at (209) 385-7654 or e-mail at Brian.guerrero@countyofmerced.com.

Sincerely,

Brian Guerrero
Development Services Coordinator

Attachment: Project Location Maps


Stanislaus
Turlock
Merced
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Township 5 South Range 10 East
Township 6 South Range 10 East
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August Ave
American Ave
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Prairie Flower Rd
Faith Home Rd
Washington Rd
Bloss Ave
Tegner Rd
Columbus Ave
Geer Ave
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Williams Ave
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May 6, 2021

Mr. Neil Peyron, Chairperson
Tule River Indian Tribe
PO Box 589
Porterville, CA 93258

Subject: Hilmar Biogas Cluster Project, Merced County

Mr. Peyron,

The purpose of this letter is to inform you of the Hilmar Biogas Cluster project (Project). California Bioenergy LLC (Applicant) is proposing the construction and installation of a central biogas processing plant (Plant) as well as a low-pressure (less than 20psi) biogas pipeline (Pipeline). The Pipeline would collect biogas from nearby anaerobic dairy digesters and deliver the gas to the Plant. The Plant would collect, and process biogas delivered via the Pipeline. The Project involves a new Conditional Use Permit (CUP) to allow these uses.

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May 6, 2021

Mr. Timothy Perez, MLD Contact
North Valley Yokuts Tribe
PO Box 717
Linden, CA 95236

Subject: Hilmar Biogas Cluster Project, Merced County

Mr. Perez,

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No.	Date	To/From	ICF Contact	Contact	Organization Affiliation	Tribal Affiliation	Type	Subject	Comments
1	16-Feb-21	From	L. Arias	NAHC	Native American Heritage Commission		email with attachments	A SLF and AB52 contact list request	
2	11-Mar-21	To	L. Arias	NAHC	Native American Heritage Commission		email with attachments	Results of the SLF search and list of AB52 contacts	
3	6-May-21	From	L. Arias on behalf of the County of Merced	Valentin Lopez, Chairperson	Amah Mutsun Tribal Band	Ohlone/Coastanoan, Northern Valley Yokut	email with attachments		
4	6-May-21	From	L. Arias on behalf of the County of Merced	Katherine Perez, Chairperson	North Valley Yokuts Tribe	Ohlone/Coastanoan, Northern Valley Yokut	email with attachments		
5	6-May-21	From	L. Arias on behalf of the County of Merced	Timothy Perez, MLD Contact	North Valley Yokuts Tribe	Ohlone/Coastanoan, Northern Valley Yokut	email with attachments		
6	7-May-21	From	L. Arias on behalf of the County of Merced	William Leonard, Chairperson	Southern Sierra Miwuk Nation	Miwok, Northern Valley Yokut, Yokut, Paiute	Certified letter		
7	6-May-21	From	L. Arias on behalf of the County of Merced	Neil Peyron, Chairperson	Tule River Indian Tribe	Yokut	email with attachments		